College Calendar

FALL 2026

Langara.

ʔə ƛ̓ xʷməθkʷəy̓əm | at Musqueam

College Calendar

FALL 2026

CONTACT INFORMATION

Main Switchboard	Tel. 604.323.5511	Fax 604.323.5555	
Registrar & Enrolment Services	Tel. 604.323.5241	Fax 604.323.5590	geninfo@langara.ca
Counselling	Tel. 604.323.5221	Fax 604.323.5590	counselling@langara.ca
Continuing Studies	Tel. 604.323.5322	Fax 604.323.5899	csgeneral@langara.ca

Langara College reserves the right to alter or discontinue programs, courses, fees, and policies and procedures regulating admission, registration, and graduation from the College. Regulations affecting the student body may be changed in accordance with College governance policies and are effective as determined by the appropriate College authorities. Revisions apply to prospective students as well as registered students. Please refer to the Langara College website for current information.

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Important Dates

FALL SEMESTER 2026 (202630) SEPTEMBER–DECEMBER

Refer to the Registration Guide and Course Schedule on the Langara website for updates to this schedule or important information concerning registration and deadline dates for fee payment, refunds, course drops and adds, and withdrawals.[1]

Course Withdrawal Periods – Important Notice

Oct 3:	Last day (before 2100 hours) to withdraw from Sep–Oct half-semester courses.
Oct 31:	Last day (before 2100 hours) to withdraw from regular semester courses.
Nov 21:	Last day to withdraw from Oct–Dec half-semester courses. To withdraw from an Oct–Dec half-semester course, you must email registration@langara.ca prior to 2100 hours.

Jun 16:	Log into the Student Information System on or after June 16 to activate your registration date and time. Your registration time is pre-assigned and is not impacted by when you activate your registration time.
Jun 22:	Fall Semester 2026 Registration Period 1 begins.
Aug 3:	College closed. BC Day.
Aug 14:	FEE PAYMENT DEADLINE for Fall Semester 2026. Students must pay all fees before 2100 hours or they will be dropped from all of their registered courses at 2100 hours on August 19, 2026. Fall semester bursary and scholarship applications available online.
Aug 15:	Last day (before 2100 hours) for international students to defer their admission without forfeiting the International Student Deposit. To defer your admission, you must submit a deferral request form prior to 2100 hours.
Aug 19:	Students with an outstanding balance of $385 or more, students who do not meet prerequisite requirements or high school graduation requirements, or students placed on academic suspension will be dropped from all their registered courses. Check your account balance by logging into the Student Information System.
Aug 20:	Fall Semester 2026 Registration Period 2 begins. Tuition fees for courses added during this period are due immediately following registration. Courses added during this period will not be dropped for non-payment of fees. Students remain liable for any fees owing. Any outstanding balances on or after September 16, 2026 will be subject to compounding interest and late payment charges (see Fees Information). Non-refundable fees must be paid, even if you have dropped your courses. Check your account balance by logging into the Student Information System.
Sep 7:	College closed. Labour Day. Last day to drop regular semester and Sep–Oct half-semester courses (before 2100 hours) for a 100% tuition fee refund (less any non-refundable, non-transferable fees).
Sep 8:	First day of classes for regular semester and Sep–Oct half-semester courses.
Sep 10:	Last day to drop Sep–Oct half-semester courses (before 2100 hours) for a 70% tuition fee refund (less any non-refundable, non-transferable fees).
Sep 14:	Last day to add courses without department approval. Last day to drop regular semester courses (before 2100 hours) for a 70% tuition fee refund (less any non-refundable, non-transferable fees).
Sep 15:	First day for withdrawals for regular semester and Sep–Oct half-semester courses.[2]
Sep 16:	Interest and late payment charges will begin to be applied to outstanding accounts. Log into the Student Information System to check your student account for any outstanding fees.
Sep 18:	Deadline to submit fall semester bursary applications. Deadline to submit fall semester scholarship applications.
Sep 30:	College closed. National Day for Truth and Reconciliation.
Oct 3:	Last day (before 2100 hours) to withdraw from Sep–Oct half-semester courses.
Oct 7:	Last day for special approval registration overrides for Fall Semester 2026. Any registration requests after this date must be submitted in writing to registration@langara.ca, by both the student and department chair.
Oct 12:	College closed. Thanksgiving Day.
Oct 20:	Last day of classes for Sep–Oct half-semester courses.
Oct 21–22:	Final exams for Sep–Oct half-semester courses. GPA and CGPA will be updated when final grades are available at the end of term.
Oct 25:	Last day to drop Oct–Dec half-semester courses (before 2100 hours) for a 100% tuition fee refund (less any non-refundable, non-transferable fees). To drop from an Oct–Dec half-semester course, you must email registration@langara.ca prior to 2100 hours.
Oct 26:	First day of classes for Oct–Dec half-semester courses. Last day to add Oct–Dec half-semester courses. To add a Oct–Dec half-semester course, registration requests must be submitted in writing to registration@langara.ca (before 2100 hours), by both the student and department chair.
Oct 28:	Last day to drop Oct–Dec half-semester courses (before 2100 hours) for a 70% tuition fee refund (less any non-refundable, non-transferable fees).
Oct 29:	First day for withdrawals from Oct–Dec half-semester courses.[2]
Oct 31:	Last day (before 2100 hours) to withdraw from regular semester courses.
Nov 11:	College closed. Remembrance Day.
Nov 21:	Last day to withdraw from Oct–Dec half-semester courses. To withdraw from a Oct–Dec half-semester course, you must email registration@langara.ca prior to 2100 hours.
Nov 30:	Last day to apply for graduation for Fall Semester 2026.
Dec 4:	Last day of classes for regular semester courses and Oct–Dec half-semester courses.
Dec 5–17:	Final exams for regular semester courses and Oct–Dec half-semester courses.
Dec 23:	Fall Semester 2026 final grades available online. Semester GPA and CGPA updated.
Dec 24–Jan 1	College closed. Winter Break.
Dec 31:	Last day of the Fall Semester 2026.

Notes:

1. All dates are subject to change. Consult the Registration Guide and Course Schedule online for additional information regarding dates, deadlines, and updates.
2. Students who do not want to continue in a course must withdraw from the course and will not receive a refund. A "W" will appear beside the course on their transcript.

snəẃeyəɬ leləm̓ Langara College

LAND ACKNOWLEDGEMENT

snəẃeyəɬ leləm̓ Langara College is situated on the traditional, ancestral, and unceded territory of the xʷməθkʷəy̓əm Musqueam People.

MISSION

Langara is Canada's pathways college. We provide students with the academic and experiential foundation to chart their course to further education, professional and personal development, and career success.

AFFILIATION

Langara College is a member of Colleges and Institutes Canada (CICan) and the Association for the Advancement of Sustainability in Higher Education (AASHE).

HISTORY

Langara College courses and programs were first offered in 1965 at King Edward Centre as part of Vancouver City College. The current site at West 49th Avenue has housed the programs since 1970. Langara College was established as an independent public college under the Provincial College and Institute Act on April 1, 1994.

In 2019, Langara celebrated its 49th anniversary on West 49th Avenue, and its 25th anniversary as an independent public institution with Beyond 49, an innovative alumni engagement, fundraising, and anniversary celebration campaign. The College's proud history is shared on the interactive campaign website.

FACILITIES

Langara is located in the heart of Vancouver, British Columbia, and is situated in an urban, residential setting surrounded by a golf course, greenway, and public park.

ACADEMIC BREADTH

Langara offers both credit and non-credit programming. Credit (or Regular) Studies include first- and second-year arts and science university-transfer programs and courses, and more than 30 limited enrolment program options. Completion of these programs may lead to a post-degree diploma, post-degree certificate, bachelor's degree, associate degree, diploma, certificate, or citation. Non-credit programming is offered through Continuing Studies, with over 700 courses and 35 credential programs focusing on personal or professional development or English language proficiency.

REGULAR STUDIES

Regular Studies courses and programs require that students formally apply for admission to the College. These courses and programs include first- and second-year arts and science university-transfer courses and programs, and limited enrolment and degree programs of one to four years in duration.

SEMESTER SYSTEM

Each semester is four months in length and the three semesters in the academic year are:

- **Fall Semester** – September to December
- **Spring Semester** – January to April
- **Summer Semester** – May to August

Most courses are scheduled for a full semester; however, some half-semester courses may be offered. Two four-month semesters of full-time study (minimum 15 credits each semester) normally constitute a complete academic year of study at Langara. Some limited enrolment programs require enrolment in three semesters per year.

PROGRAM START DATES

Students may commence arts and science programs at the beginning of any semester. Start dates for other programs are listed in the program descriptions.

FULL-TIME & PART-TIME DEFINITION

Langara defines a full course load as 15 credits or more. Full-time study is defined as nine credits or more, and part-time study as fewer than nine credits.

Alternative definitions may apply to Financial Aid eligibility requirements.

DAY, EVENING, & WEEKEND OFFERINGS

Langara operates on a twenty-four hour clock. Many academic courses at Langara have both day and evening sections. Classes at Langara are scheduled between 0830 hours and 2200 hours Monday through Friday. A limited number of Saturday courses are offered.

ONLINE & MIXED MODE OFFERINGS

Langara also offers a number of mixed mode and online courses. Mixed mode courses are a combination of on-campus and online instruction.

GRADUATION & CONVOCATION CEREMONIES

In order to receive a credential for their chosen program, all students must apply for graduation. Although students can graduate and receive a Langara credential in any semester, convocation ceremonies occur only once per year in June. Further information is available in the Graduation section of this calendar and on the College website.

COURSE LOAD

The usual maximum course load for most programs in the Faculties of Arts, Management, and Social Sciences & Community Programs is 16 credit hours per semester. In the Faculties of Nursing and Science, the maximum course load for most programs is 18 credit hours per semester. Course load maximums that differ from the above are listed with the program or faculty information. Students who have maintained a minimum grade point average of 3.5 in a full course load (i.e., 15 credits or more in one semester) may appeal for approval from the Registrar & Enrolment Services Office to register for additional credits.

CONTINUING STUDIES

Continuing Studies programs get you ready for the workforce. Earn a credential that is focused on your career path and industry plans. Many programs and individual courses are offered in the evening and on weekends in business, health, languages, technology, or the arts. Continuing Studies courses do not offer transfer credit to Langara's open enrolment or limited enrolment programs, or to other institutions.

For more information visit the College website or contact 604.323.5322.

Admission Information

GENERAL REQUIREMENTS

1. **Citizenship Status**
   Candidates can apply to Langara as domestic or international students, depending on their citizenship status. Please refer to the admission requirements section in this calendar for definitions and more information about admission requirements for each.

2. **English Language Proficiency**
   English is the language of instruction at Langara. All applicants are required to demonstrate proficiency in the English language prior to admission to post-secondary programs.

ENGLISH LANGUAGE REQUIREMENTS

Effective January 2021, Langara College moved to create a more streamlined and consistent admissions requirement and English Language Proficiency (ELP) structure for associate degrees, diplomas, certificates, and citation programs with Categories 1, 2, and 3.

SPECIFIC PROGRAM REQUIREMENTS

Many Langara programs have specific admission requirements in addition to those listed under General Requirements and Admission Requirements. Please refer to the program section of this calendar for more information.

ENGLISH LANGUAGE PROFICIENCY REQUIREMENTS CATEGORIES

CATEGORY 1

Must meet one of the English Language Requirements or Proficiency Assessments below.

ENGLISH LANGUAGE REQUIREMENTS	
English First Peoples 12; English Studies 12; or Literary Studies 12	70%
Langara English Course	A minimum "S" grade in ENGL 1107 or 1110; or a minimum "C" grade in ENGL 1120.
English (Post-Secondary Transfer)	C-
International Baccalaureate	IB English Language A: Literature (HL or SL): 3; IB English Language A: Language & Literature (HL or SL): 3; or IB English Literature and Performance (SL): 3
Advanced Placement	AP English Literature & Composition: 2; or AP English Language & Composition: 2
GCSE O-Level English, GCSE English Language B	C

Applicants unable to meet the English Language Requirements must satisfy one of the following English Language Proficiency Assessments:

ENGLISH LANGUAGE PROFICIENCY ASSESSMENTS[a]	
Langara English Test (LET)	3

CATEGORY 2

Must meet one of the English Language Requirements or Proficiency Assessments below.

ENGLISH LANGUAGE REQUIREMENTS	
English First Peoples 12; English Studies 12; or Literary Studies 12	70%
English for Academic Purposes (EAP) Level IV	EAP Level IV (LEAP 8)
Langara English Course	A minimum "S" grade in ENGL 1107 or 1110; or a minimum "C" grade in ENGL 1120.
English (Post-Secondary Transfer)	C-
Bachelor's degree or higher	Bachelor's degree or higher from an English speaking country completed at a recognized institution where the language of instruction is English
International Baccalaureate	IB English Language A: Literature (HL or SL): 3; IB English Language A: Language & Literature (HL or SL): 3; or IB English Literature and Performance (SL): 3
Advanced Placement	AP English Literature & Composition: 2; AP English Language & Composition: 2
GCSE O-Level English, GCSE English Language B	C
ILAC Pathway[c]	3.3 (Level 16)

ENGLISH LANGUAGE PROFICIENCY ASSESSMENTS[a,b]	
Langara English Test (LET)	3
IELTS Academic	6.5 (No Band Lower Than 6.0)
Duolingo English Test	110
TOEFL (IBT)	Overall: 88 | Writing: 20 | Reading: 20 | Listening: 20 | Speaking: 20
CAEL	Overall: 70 (No Band Lower Than 60)
Pearson Test of English (PTE Academic)	56 (No Individual Skill Score Less Than 55)

CATEGORY 3

Must meet one of the English Language Requirements or Proficiency Assessments below.

ENGLISH LANGUAGE REQUIREMENTS	
English First Peoples 12; English Studies 12; or Literary Studies 12	50%
English for Academic Purposes (EAP) Level IV	EAP Level IV (LEAP 8)
Langara English Course	A minimum "S" grade in ENGL 1107 or 1110; or a minimum "C" grade in ENGL 1120.
English (Post-Secondary Transfer)	D
Bachelor's degree or higher	Bachelor's degree or higher from an English speaking country completed at a recognized institution where the language of instruction is English
International Baccalaureate	IB English Language A: Literature (HL or SL): 2; IB English Language A: Language & Literature (HL or SL): 2; or IB English Literature and Performance (SL): 2
Advanced Placement	AP English Literature & Composition: 2; AP English Language & Composition: 2
GCSE O-Level English, GCSE English Language B	D
Four Years of Study in an English Language Education System	Full-time secondary or post-secondary study in English
ILAC Pathway[c]	3.3 (Level 16)

Applicants unable to meet the English Language Requirements must satisfy one of the following English Language Proficiency Assessments:

ENGLISH LANGUAGE PROFICIENCY ASSESSMENTS[a,b]	
Langara English Test (LET)	2
IELTS Academic	6.5
Duolingo English Test	110
TOEFL (IBT)	Overall: 80 | Writing: 20 | Reading: 20 | Listening: 18 | Speaking: 18
CAEL	Overall: 60
Pearson Test of English (PTE Academic)	56

Notes:

a. Applicants admitted to a Langara College program on the basis of an English Language Proficiency assessment other than the Langara English Test (LET) or an acceptable grade in secondary or post-secondary English may be required to successfully complete ENGL 1107, 1110, or achieve an LET 3 prior to enrolling in ENGL 1100, 1123, 1129, or 1130.
b. Assessment test scores are valid for two years from the date they were taken.
c. ILAC Pathway certificates are valid for two years from the date of completion.

ADMISSION REQUIREMENTS

Citizenship Status

Domestic Students

Only Canadian citizens and those who have permanent resident (landed immigrant) status in Canada may enrol at Langara as domestic students. Langara may request evidence of citizenship or permanent resident status.

International Students

Please refer to the Application for Admission - International Students section in this Calendar.

General Admission Requirements

Regular Academic Admission

The academic requirements for admission to Langara are:

- English Language Requirement, Category 3; and one of:
  - Successful completion of a BC secondary program (Grade 12) or the equivalent, or
  - Be at least 19 years of age by the first day of the first semester of attendance, or
  - Successful completion of an ABE (Adult Basic Education) or GED (General Educational Development) program.

Note:

Programs may have additional admission requirements or may require a higher level of English. Please check the program pages for admission requirements specific to the program you intend to apply to.

Conditional Admission

BC secondary school students under 19 years of age who will not graduate from secondary school because they are missing only one course may apply for conditional admission **if they are registered in the missing course**. Conditional admissions are only considered for fall semester intakes.

To be considered for conditional admission, students must submit an Appeal for Conditional Admissions or Concurrent Studies form and ensure that the following information is received by Registrar & Enrolment Services:

1. A completed application for admission to a program at Langara. Applications can be submitted through the EPBC website and applicants must include their Personal Education Number (PEN).
2. An official interim transcript showing that their course is in-progress.

Students who have registered for Langara courses before their final secondary school grades arrive must complete the Appeal for Conditional Admissions or Concurrent Studies form and submit the necessary documentation in order to maintain their course registration. For the fall semester, this form and supporting documentation must have been received by Registrar & Enrolment Services before July 31. Those students who have not graduated and have not been approved for conditional admission will be removed from any courses they have registered or waitlisted for.

Secondary/Post-Secondary Concurrent Studies

BC secondary students entering or currently in Grade 12 who have demonstrated academic excellence may apply for limited admission to university-transfer or open career courses while attending secondary school.

Enrolment will be restricted to one course (up to four credits) per semester. Admission will be approved on a semester by semester basis until students have met Grade 12 graduation requirements or have reached the age of 19.

To be considered for concurrent studies, students must:

1. Submit an application for admission to the Diploma in General Education (Arts, Science, or Social Science) through EducationPlannerBC.
2. Upload the following documents to your EducationPlannerBC application, or email to admissions@langara.ca:
   - A completed Appeal for Conditional Admission or Concurrent Studies form
   - A letter of support from a school counsellor, principal, or vice principal;
3. Submit an official interim transcript showing completion of Grade 11 and current Grade 12 courses. All BC High School transcripts must be sent through the Student Transcripts Service (STS).

Appeals for conditional admission or concurrent studies are accepted by Registrar & Enrolment Services at least 10 business days before the first day of classes of the semester to which the application is made.

Admission Note:

Langara is not able to guarantee registration in specific programs or courses even if students have been granted admission. Successful registration is also dependent upon having the required prerequisites for individual programs and/or courses.

TRANSFER CREDIT

Transfer guides and course planning sessions, designed to assist students with course selection in university-transfer programs, are available from the Counselling Services. Students transferring between institutions in British Columbia may refer to the BC Transfer Guide at bctransferguide.ca.

Transfer to Langara College

Up to 50% of Langara certificate, diploma, associate degree, and bachelor's degree program requirements may be transferred from a recognized sending institution. Transfer credit cannot be used to fulfill graduation requirements for citations, post-degree programs, or micro-credentials. To qualify for a credential from Langara College, students are required to complete a minimum of 40% of course credit at Langara College to meet the residency requirement. The majority of the final course credits must be completed at Langara, as stipulated in the Langara Credential Policy F1001 (available on the College website). Transfer credit is not included in the calculation of GPA.

To request transfer credit, students must submit a Transfer Credit Request form (available from Registrar & Enrolment Services or on the College website), an official transcript from the transferring institution, course outlines for courses completed outside BC, and the appropriate fees. Transcripts must be submitted in the original, sealed envelope from the issuing institution. Langara may evaluate courses, appraise letter grades, and compute grade point averages in accordance with the College's policies, procedures, and regulations. The deadline for transfer credit required to meet prerequisite requirements is 10 weeks before the semester begins.

International Baccalaureate/ Advanced Placement Courses

Students who have completed the International Baccalaureate (IB) Diploma or have passed an Advanced Placement (AP) Examination administered by the College Entrance Examination Board may be eligible for College credit. Please refer to the BC Transfer Guide or contact Registrar & Enrolment Services for further information. Students must complete a Transfer Credit Request form and submit an official IB or AP transcript.

Transfer credit is not included in the calculation of the student's Langara GPA.

Transfer to Other Institutions

Students planning to transfer from Langara to another educational institution should consult the registrar's office at that institution to determine the transferability of courses taken at Langara. The institution to which the student's official transcript is sent may evaluate courses, appraise letter grades, and compute grade point averages under its own policies and regulations. Students may also refer to the BC Transfer Guide at bctransferguide.ca. Students planning to transfer should discuss their plans with a Langara academic advisor.

Prior Learning Assessment and Recognition

Prior Learning Assessment and Recognition (PLAR) allows students to receive academic credit for their skills, knowledge, and life experience gained outside of the classroom. Students who feel that their previous experiences allow them to meet the learning outcomes of one or more courses may request to be assessed. If the assessment determines that their knowledge and skills meet the learning outcomes of a course, they will be granted credit for that course.

PLAR credit is not included in the calculation of a student's Langara GPA.

Not all courses are PLAR eligible. PLAR eligibility is noted on the generic course outline.

To initiate a PLAR assessment, students must first consult with the instructor to determine the eligibility for proceeding with an assessment. A signature from the instructor confirming the consultation must be provided and the Prior Learning Assessment and Recognition Request Form must be submitted with the correct payment.

For more information about PLAR, please see Langara Policy E2004 on the College website.

Document Verification

All documents are routinely verified. Evidence of falsified documents will result in the denial of admission to Langara. Information on falsified documents is shared with the Association of Universities and Colleges of Canada.

Retention of Student Records

Langara College retains records of academic performance indefinitely. The College retains materials that support admission from one year after the first registration to five years after last activity on the student record, depending on the type of document. Before submitting irreplaceable material to support an application, check with Registrar & Enrolment Services.

Freedom of Information and Protection of Privacy

Information received and maintained as part of the student record is collected under the authority of the Colleges and Institutes Act. Signing the application form authorizes Langara to use the student record information for the purpose of research and College operations. Langara gathers and maintains information for admission, registration, and other fundamental activities related to attending a public post-secondary institution in British Columbia and being a member of the Langara community. This information is protected and used in compliance with the Freedom of Information and Protection of Privacy Act.

Langara College is committed to providing students with the most current and relevant instruction materials available. Many courses use electronic (online) resources and materials, some located outside of Canada, for mandatory graded class work. These resources require students to log in by entering personal information, such as name and email address. This means that your personal information may be stored on servers located outside of Canada and may be accessed by US authorities, subject to federal laws.

For further information, please contact Registrar & Enrolment Services.

Application for Admission

ARTS AND SCIENCE UNIVERSITY-TRANSFER PROGRAMS AND COURSES

Application Dates	
Semester	**Applications Open**
Fall Semester 2026 (September 2026)	October 1, 2025
Spring Semester 2027 (January 2027)	February 1, 2026
Summer Semester 2027 (May 2027)	June 1, 2026
Fall Semester 2027 (September 2027)	October 1, 2026

HOW TO APPLY

Students may apply to Langara via the Education Planner BC website, in person, or by mail.

APPLICATION DATES

Students should apply early as registration dates are determined by date of application. Langara begins accepting applications 11 months before the start of each semester.

International Students - Please refer to International Education Admissions (page 12).

NEW STUDENTS

To be considered for admission, students must submit an application form, a non-refundable application fee, and all supporting documents to Admissions, Registrar & Enrolment Services. Students currently in Grade 12 may submit an application before they have received their final secondary school transcript.

Prospective students may apply to Langara 11 months before the semester in which they want to register.

APPLICATION REQUIREMENTS

1. A non-refundable application fee must be submitted with the application for admission. For fee information, visit the College website.
2. All transcripts and educational documents must be official.

NOTE:

All transcripts and supporting documents submitted with an application for admission become the property of Langara and are not returned to the applicant. Exceptions may be made for irreplaceable documents. Students must notify Registrar & Enrolment Services upon submission if the documents cannot be replaced.

BC secondary school students currently in Grade 12 can request to have their high school transcript sent to Langara electronically by the Ministry of Education. Students must request this online through the Student Transcripts Service (STS), where they will need to grant Langara access to their transcript for one year. Students will also be required to provide their BC Personal Education Number (PEN) with their application. No further action is necessary.

Students who have completed course prerequisites at another institution (secondary or post-secondary) must request that this information be put on their Langara record at least 10 weeks in advance of their registration date. For transfer credit information, visit the College website.

Secondary School Prerequisites

For secondary school prerequisites taken within Canada, students must submit an official secondary school transcript. Students who completed their secondary school in BC can request their transcript be sent electronically through the Student Transcripts Service. Students who completed secondary school in a Canadian province other than BC can submit an official transcript to the admissions office.

Please note, secondary school courses completed outside of Canada cannot be used to meet course prerequisites.

Students who attended a secondary school outside of Canada will be required to meet prerequisites either by completing an approved diagnostic test, Adult Basic Education course(s), or appropriate university transferable coursework for which Langara awards transfer credit.

Post-Secondary Prerequisites

For post-secondary prerequisites, students must submit an official transcript from the transferring institution, copies of course descriptions, and a Transfer Credit Request form and associated fee. Transfer Credit Request forms are available on the College website or at the Registrar & Enrolment Services Office.

REACTIVATION OF APPLICATION

If students apply to an open enrolment program for a specific semester but do not register into any courses for that semester, they must reactivate their application for the semester that they are interested in attending. Reactivation requests are subject to the same deadline as new applications. Students are strongly advised to submit reactivation requests to Registrar & Enrolment Services as soon as possible. Students are not required to pay an additional application fee if they are reactivating within two semesters following the first term for which they applied.

To reactivate, students must complete a Reactivation form. Reactivation forms are available on the College website or at the Registrar & Enrolment Services office.

RETURNING STUDENTS

University studies/open enrolment students who have previously registered at Langara and who have a Langara academic record are not required to re-apply for admission to university studies/open enrolment programs. Students must update their address if it has changed since they last registered. Please refer to the current Registration Guide and Course Schedule on the College website for information about registration.

Application for Admission

CAREER PROGRAMS AND ARTS AND SCIENCE LIMITED ENROLMENT PROGRAMS

Application Dates	
Semester	**Applications Open**
Fall Semester 2026 (September 2026)	October 1, 2025
Spring Semester 2027 (January 2027)	February 1, 2026
Summer Semester 2027 (May 2027)	June 1, 2026
Fall Semester 2027 (September 2027)	October 1, 2026

HOW TO APPLY

Students may apply to Langara via the Education Planner BC website, in person, or by mail. Applications to some limited enrolment programs require that students complete a supplemental application form specific to the program. Please refer to the program section to determine if supplemental materials are required.

For program admission requirements, refer to the descriptions of specific programs on the College website. Submit applications for admission along with all supporting documents to Admissions, Registrar & Enrolment Services. Official English translations of the supporting documents must also be submitted if the original documents are not written in English.

Limited enrolment program students who satisfy program's admissions criteria may be admitted on a first-come, first-served basis, except as noted in the program admission requirements. Langara may deny admission to students who do not possess the requisite capabilities for success.

A non-refundable application fee must be submitted with the application for admission if the student has not previously been a student in a university studies/open enrolment or a limited enrolment program at Langara. For fee information, visit the College website.

NOTE:

Langara does not guarantee admission to all qualified students as the number of seats available for programs is limited. Students may apply to an arts and science program at the same time they apply to a limited enrolment program, particularly if they wish to register for arts and science courses in the event they are not admitted to a limited enrolment program.

APPLICATION DATES

Langara begins accepting applications 11 months before the start of each semester. Some programs have set application deadlines so make sure to consult the Admission Requirements section on the College website for your program of interest.

Applicants should contact the department chair for the department's timeline for the selection process.

APPLICATION REQUIREMENTS

Secondary school graduation is normally required for admission to limited enrolment programs. Students who are 19 years of age or older may be considered for some programs without secondary school completion. Some programs have additional academic requirements and/or require additional submissions and procedures such as interviews, testing, auditions, or portfolios. Check the programs section for detailed admission requirements.

Students currently in BC Grade 12, who satisfy admission requirements, may be considered for conditional acceptance based on interim marks. Final acceptance is subject to confirmation of graduation.

Students are required to meet appointment times and dates for testing and interviews.

NOTE:

All transcripts and supporting documents submitted with an application for admission become the property of Langara and are not returned to the applicant. Exceptions may be made for irreplaceable documents. Students must notify Registrar & Enrolment Services upon submission if the documents cannot be replaced.

BC secondary school students currently in Grade 12 can request to have their high school transcript sent to Langara electronically by the Ministry of Education. Students must request this online through the Student Transcripts Service (STS), where they will need to grant Langara access to their transcript for at least one year. Students will also be required to provide their BC Personal Education Number (PEN) with their application.

Students who have completed course prerequisites at another institution (secondary or post-secondary) must request that this information be put on their Langara record at least 10 weeks in advance of their registration date. For transfer credit information, visit the College website.

Secondary School Prerequisites

For secondary school prerequisites taken within Canada, students must submit an official secondary school transcript. Students who completed their secondary school in BC can request their transcript be sent electronically through the Student Transcripts Service. Students who completed secondary school in a Canadian province other than BC can submit an official transcript to the admissions office.

Please note, secondary school courses completed outside of Canada cannot be used to meet course prerequisites. Students who attended a secondary school outside of Canada will be required to meet prerequisites either by completing an approved diagnostic test, Adult Basic Education course(s), or appropriate university transferable coursework for which Langara awards transfer credit.

Post-Secondary Prerequisites

For post-secondary prerequisites, students must submit an official transcript from the transferring institution, copies of course descriptions, and a Transfer Credit Request form and the associated fees. Transfer Credit Request forms are available on the College website or the Registrar & Enrolment Services Office.

Application for Admission

INTERNATIONAL STUDENTS

INTRODUCTION

Langara College welcomes international students from around the world. Visit the College website to learn more about studying in Vancouver, Canada, and how to apply to Langara College.

ADMISSION REQUIREMENTS FOR UNIVERSITY-TRANSFER PROGRAMS

ACADEMIC REQUIREMENTS

Successful completion of BC Grade 12 or equivalent.

ENGLISH LANGUAGE PROFICIENCY

English is the language of instruction at Langara. All applicants are required to demonstrate proficiency in the English language prior to admission to post-secondary programs. Please visit the English language admission requirements on the College website to see individual program requirements.

ADMISSION REQUIREMENTS FOR LIMITED ENROLMENT PROGRAMS

Most limited enrolment programs have admission requirements in addition to those listed above. Programs may have additional admission requirements that students must meet. Please check the programs section on the College website for admission requirements specific to each program.

Students applying for a limited enrolment program are advised to also apply to a university-transfer program. Because admission to limited enrolment programs is not guaranteed, students can complete university-transferable courses and/or upgrade their skills in English, mathematics, and/or science to meet the requirements of their desired limited enrolment program while enrolled in a university-transfer program.

Students should also know that courses may have prerequisites in addition to program requirements.

Applications that are complete but are received after the published deadline will be processed if space becomes available.

ORIENTATION & COURSE PLANNING

International students are encouraged to join the New Student Orientation and International Orientation events for a successful transition to Langara.

Counselling Services also offers course planning sessions and has counsellors available to help with educational, career, and personal concerns.

HOW TO APPLY TO PROGRAMS

1. Apply to Langara College online through the Education Planner BC website*.
2. Students will receive an offer of admission if they are accepted to a program.
3. Students can accept their offer of admission by paying the international student deposit**, which includes CAD $1500 non-refundable, non-transferable commitment fee. The commitment fee will be applied to tuition.
4. Upon receipt of the international student deposit, the College will send the student a Letter of Acceptance (LOA) confirming their acceptance into the College.
5. Once students have received their LOA, they should apply for a Canadian study permit and three months of private medical insurance.

Visit the College website to learn more about the application process.

* Continuing Studies programs have different application processes. Visit the College website for more information.

** Fees are subject to change. Please see the College website for fee information.

DOCUMENTS REQUIRED FOR APPLICATION EVALUATION

1. A completed Langara College Application form for each program the student is applying to, indicating the desired start date.
2. Official transcripts, marksheets, and/or academic records showing all the subjects taken and grades obtained for the last two years of secondary school studies. If the date of graduation is not shown on the transcript, proof of graduation such as a graduation certificate or a graduation statement issued by the appropriate educational authorities must be submitted to Registrar & Enrolment Services.
   - Official post-secondary transcripts may be used in lieu of secondary school transcripts. Transcripts must indicate successful completion of one full academic year or successful completion of a minimum of 24 university credits at a recognized post-secondary institution.
   - Official English translations of the above documents must also be submitted if the original documents are not written in English.
   - All transcripts submitted are confidential and become the property of the College.
3. Proof of English language proficiency, if applicable. Official test scores or transcripts must be sent directly to Registrar & Enrolment Services.
   - TOEFL: The TOEFL institution code for Langara is 0335. There is no department code number. Please give this code to your TOEFL test centre to ensure that the College receives your scores.
   - IELTS: Send original test or electronic results directly from an IELTS test centre.
   - Duolingo, LPI, or PTE: Indicate Langara as the recipient of the test results.
4. When students arrive at the College, they must give a copy of their study permit to the Langara Global Department, a copy of the photo page of their passport, and proof of medical insurance.

NOTES:

1. Some programs may require further documentation. Please refer to specific program descriptions on the College website.
2. To expedite the application process, applicants may submit electronic scans of original and official educational documents for preliminary assessment. All scanned documents must be:
   - Submitted as a PDF with no password protection or lock
   - A colour scan of the original document
   - Both front and back side of every page (even if blank)
   - Fit to page, with no details, borders, or information cut off
   - Legible – the document must be very clear with no information smudged
3. Original documents may be requested at any time. Students who fail to provide official documents when requested may have their application cancelled, and/or be blocked from registration.
4. If submitting a paper application, also pay the non-refundable application fee payable to Langara College.

APPLICATION DATES

UNIVERSITY-TRANSFER PROGRAMS AND LIMITED ENROLMENT PROGRAMS

International students should apply at least six months before the start of the semester in which they want to begin their studies. Students may begin to apply 11 months prior to the semester in which they want to enrol.

University-transfer programs have intakes each semester, i.e., January, May, and September. Students interested in a limited enrolment program should check the individual program information for semester start dates.

In many parts of the world, the processing time required to obtain a study permit from a Canadian Embassy, High Commission, or Consulate Office is six weeks or more.

For the latest information on admission to Langara and application and document deadlines, students may refer to the College website.

Registration

ACCESS TO THE REGISTRATION SYSTEM

Students register online by visiting Langara's login page. The semester schedule of courses, registration times, dates, important deadlines, and information regarding preparation for registration including course prerequisite requirements for the semester are published online in the Registration Guide and Course Schedule. These resources are available approximately two months prior to the beginning of the spring and summer semesters and three months prior to the fall semester. The online course schedule is updated regularly.

International students will be required to pay an International Student Deposit, which includes a $6000 CAD non-refundable, non-transferable commitment fee, for their first semester in regular studies courses. Students in their 2nd or subsequent semesters must pay a $1500 CAD non-refundable and non-transferable deposit in advance of registration. See the Fees section (page 17) for more information.

PERSONAL IDENTIFICATION NUMBER

Students are required to enter their nine-digit Langara Identification Number and their alpha-numeric Personal Identification Number (PIN) to access the registration system. The student's first and last initials and birth date in year, month, and day (FL-YYYYMMDD) order has been set as the default PIN. If a preferred first name is on file, the student's first initial of their preferred name is used for the default PIN. If no birth date is on file, students must contact Registrar & Enrolment Services. Students are advised to change their PIN when they access the registration system for the first time.

Important: Students should keep their Langara College ID and PIN strictly confidential.

PREREQUISITE INFORMATION

A prerequisite is a requirement students must fulfill before registering in a course. Unless otherwise noted, a minimum "C-" or an "S" grade in the prerequisite course is required. As well as courses, prerequisites may include minimum scores on placement or diagnostic tests, departmental permission, or acceptance into a particular program. Students must ensure that prerequisites not completed at Langara are entered on their Langara record by applying for transfer credit.

The registration system verifies prerequisite requirements and does not allow students to register into courses if prerequisites are not met.

SECONDARY SCHOOL COURSE PREREQUISITES

To add secondary school prerequisites to your Langara record, submit an official high school transcript to Registrar & Enrolment Services. If you attended a BC secondary school, you can order an electronic transcript using the Student Transcript Services tool on the Ministry of Education BC website.

POST-SECONDARY SCHOOL COURSE PREREQUISITES (TRANSFER CREDIT)

Post-secondary school courses are not automatically added to a student's Langara student record. Students must request that Registrar & Enrolment Services evaluate their previous courses for transfer credit.

To have post-secondary school prerequisites put on their Langara student record, students must submit the following to Registrar & Enrolment Services:

- a completed Transfer Credit Request form;
- an official transcript in the original, sealed envelope from the issuing institution;
- course outlines for courses completed outside BC; and
- the appropriate fees.

DEADLINES:

- February 1 for summer semester registration
- May 1 for fall semester registration
- October 1 for spring semester registration

Transfer credit requests may take six to eight weeks to process.

NOTES:

- Langara may request detailed course outlines from courses completed within BC.
- A department may exclude a student from a course if their skills make the course unnecessary for proceeding into advanced levels in the same subject.
- Students with an acceptable post-secondary English course, or who have completed a degree from a recognized English Language Country, may be eligible for a first-year English prerequisite exemption. Please contact Admissions Advising to determine if you are eligible.

REGISTRATION ON A NON-CREDIT BASIS (AUDIT)

Students who have the necessary prerequisites may take courses on a non-credit basis. The course name and number is noted on a student's academic record with the symbol (*) indicating the course was taken on a non-credit, ungraded basis. All registration requests to take courses on a non-credit basis (audit) must be submitted in writing to the Registrar & Enrolment Services Office (Attn: Supervisor, Records & Registration) indicating the course name(s), section, and student information prior to the first day of classes.

Registration on a non-credit basis (audit) is processed by Registrar & Enrolment Services and is subject to seat availability once the registration period is complete. Once registered, the College will not permit students to change from a non-credit to a credit basis or from a credit to a non-credit basis for any reason. Fees for non-credit registration are the same as for credit registration.

REGISTRATION FOR NEW STUDENTS

New students register at an assigned date and time. Registration time for new arts and science students is determined by the date of application to the College. Registration times for new limited enrolment program students are determined by the date and time assigned to their program.

Students can obtain their registration time by logging into the Langara Student Information System approximately two weeks before registration commences each semester.

REGISTRATION FOR RETURNING STUDENTS

Returning students register at an assigned registration date and time each semester. Registration times for arts and science students are determined using a combination of the number of credits completed and their Langara College cumulative grade point average. Registration times for returning limited enrolment program students are assigned by program and program term.

Students can obtain their registration time by logging into Langara's Student Information System and activating their registration time approximately two weeks before registration commences each semester.

NOTES:

- Acceptable grades to meet prerequisite requirements for Langara courses are "A+", "A", "A-", "B+", "B", "B-", "C+", "C", "C-", or "S" unless otherwise specified.
- Credit will be granted for a "D" grade, but advancement is not permitted to the next course level without departmental approval.
- Students who receive grades of "D", "F", "N", "U", or "W" in any of their limited enrolment program courses must obtain department chair/co-ordinator permission to proceed in the program.
- Students require departmental permission to register for a third time in the following subject areas: accounting, art history, astronomy, biology, business computer applications, business management, chemistry, Chinese, computer science, computer science & information systems, communications, design formation, early childhood education, education assistant, English, financial management, fine arts, food services, French, geography, geology, international business, Japanese, marketing, mathematics, nutrition, professional photography, physics, publishing, recreation, science, social service worker, Spanish, and statistics.
- Limited enrolment program students may be governed by additional departmental policies and procedures. Students must meet all program requirements to continue in the program.

ACADEMIC STANDING

DEAN'S HONOUR ROLL

Students will be evaluated for placement on the Dean's Honour Roll at the end of each semester. To achieve Dean's Honour Roll standing students must be in good academic standing and:

- achieve a semester GPA of 3.50
- complete a minimum of 12 Langara credit hours in the semester being evaluated with at least nine of those credits having been completed in normally graded courses i.e. "A+" to "F" grades (courses graded on a pass/fail or "S"/"U" basis will not be included in the semester GPA calculation).

Dean's Honour Roll standing will appear on a student's academic transcript. The number of students who may achieve the standing is not limited and all students who meet the criteria will be recognized.

GOOD STANDING

The status of a student who is not on academic probation, academic suspension, or other suspension. Refer to the Academic Standing Policy (E2008) on the College website for additional information.

MINIMUM ACADEMIC STANDARD

A minimum semester grade point average of 1.50 and no more than one "F", "N", or "U" grade for that semester. Students registered in courses/programs at Langara are expected to maintain a minimum academic standard and will be placed on academic probation or academic suspension if they fail to do so.

ACADEMIC PROBATION

Students will be placed on academic probation if they have failed to achieve the minimum academic standard in their most recent semester. Academic probation standing will appear on a student's academic transcript.

Students on academic probation are permitted to register in the next semester, but they should consult a Langara academic advisor for academic advice. The College will inform students of, and encourage them to use, services available to support their academic studies and goals. To return to good standing, students on academic probation must achieve the minimum academic standard in the subsequent semester. Students who do not attend Langara immediately following the semester in which they were placed on academic probation will remain on academic probation in the next semester in which they register. Students in limited enrolment programs may be governed by additional departmental policies and procedures.

Refer to the Academic Standing Policy (E2008) on the College website for additional information.

ACADEMIC SUSPENSION

Students on academic probation who do not achieve the minimum academic standard in their next semester will be placed on academic suspension.

Students on a first academic suspension will not be permitted to register for the following three semesters. Students returning after a first academic suspension can activate their registration time and register in courses following the three-semester stand-out period. Please note that students who were in a career or limited enrolment program will require approval from the program coordinator or department chair to return to their original program. Students will be restricted to 11 credits and will be on academic probation when they re-register at the College. For students who are approved to return to a career or limited enrolment program, the program coordinator or department chair will decide the credit limit.

Students on a first academic suspension may return to their studies before the completion of the normal suspension period after successful completion of academic remediation. Refer to the Langara Return to Learning page on the College website for details.

To achieve good standing, students returning after a first academic suspension must achieve the minimum academic standard in their first semester following academic suspension. Students who do not achieve good standing will be placed on a second academic suspension, which will result in a longer stand-out period. Students who would like to return following a second or subsequent suspension are required to appeal in writing to Registrar & Enrolment Services for re-admission to the College. Re-admission is neither automatic nor guaranteed.

Refer to the Academic Standing Policy (E2008) on the College website for additional information.

College and Student Responsibilities

INTRODUCTION

Langara College requires all members of the College community to conduct themselves in a manner that promotes a learning and working environment characterized by encouragement, free enquiry, integrity, mutual respect, professionalism, recognition of achievement, and social responsibility. The College community respects diversity, is civil, and provides for individual safety. Langara students must be aware of and comply with the College policies and procedures contained in this calendar, the semester Registration Guide and Course Schedule, and in the Responsibilities & Policies for students section on the College website.

Langara College creates policies to govern important issues and outline practices and expected behaviours. Policies have broad application throughout the College and are developed to address campus needs. College policies are developed, reviewed, and modified on a regular basis.

The College website provides a central location for policies currently in effect that have been approved by the Board of Governors, Education Council, or administration.

STUDENT & FACULTY RESPONSIBILITIES

Once admitted to Langara College, students are expected to conduct themselves in a mature, civil, and respectful manner; comply with all laws and College policy, and demonstrate respect toward the College and members of the College community.

Instructors have a responsibility to provide students with frequent evaluation throughout the semester. Students have a responsibility to keep their work up-to-date so that their instructors can inform them of their progress.

Instructors have a responsibility to keep regular office hours including tutorial or seminar hours where applicable. Students have a responsibility to take advantage of these times to discuss problems or questions they may have.

ATTENDANCE

Students must attend all classes, lectures, laboratories, workshops, practicums, and seminars. Absence for any cause in no way relieves students of their responsibility to complete the course work to the satisfaction of the instructor.

If students are unavoidably absent because of illness or some other acceptable reason, they are still responsible for class work or assignments missed. If repeated absences are due to illness, students may be asked to submit a medical certificate.

Fees

INTRODUCTION

All fees are subject to change. For information on Langara fees, please refer to 'Tuition and Fees' on the College website.

REGISTRATION ON A NON-CREDIT BASIS (AUDIT) - REGULAR STUDIES

Fees for non-credit registration are the same as for credit registration.

SENIOR CITIZEN TUITION FEE EXEMPTION

Exemption from payment of tuition fees (all other fees, e.g., Students' Union, materials, UPass, etc., must be paid) is available to residents of BC who are 65 years of age or older. This fee exemption is applicable to courses in which there are seats available after registration has been completed. Any senior citizen wishing to register with the tuition fee exemption must submit their request in writing to registration@langara.ca (Attn: Supervisor, Records & Registration) indicating the course(s) and section(s) into which they wish to register, prior to the first day of classes. Students requesting senior tuition exemption status for a course must not register themselves into the course directly. Tuition exemption registration is not guaranteed as it is only applicable to courses in which there are seats available, after the registration period has ended. Senior citizens who wish to ensure registration in a specific course may do so by registering and paying in the same manner as a regular student.

FEE PAYMENT (REGULAR STUDIES)

Students will be dropped from all courses if fees are not paid by the deadline. See Fee Payment Deadlines on the College website. Payment for registrations completed after the fee payment deadline is due immediately after registration. Any outstanding balances will be subject to compounding interest and late payment charges commencing on the ninth calendar day after classes begin. See the College website for fee payment options.

Please read the Registration Fee Payment and Refund Policy available on the College website.

FEE RECEIPTS - T2202A CERTIFICATES (TUITION & EDUCATION AMOUNTS)

T2202A certificates for the previous calendar year are available for viewing and printing through Langara's login page on the College website.

FEE REFUNDS

Check the Important Dates page on the College website for important information about course drop, refund, and withdrawal date deadlines. Students must drop courses by the published date to be eligible for refunds.

Students are responsible for all courses in which they have registered and do not drop by the published deadlines.

Refund cheques are mailed out during the fifth week of classes.

Please read the Registration Fee Payment and Refund Policy available on the College website for further details.

LANGARA FEE PAYMENT PORTAL

The fee payment portal allows you to pay Langara College application, graduation application, test registration, Continuing Studies transcripts, and other non-tuition fees. The Langara Fee Payment Portal can be accessed at feeportal.langara.ca.

OUTSTANDING DEBT AND NSF PAYMENTS

Late charges are applied to all overdue accounts.

A $25.00 fee will be charged for NSF cheques. Students remain responsible for any outstanding balances, and if their fees are not paid by the dates indicated on the Important Dates page on the College website, interest and late payment fees will be charged.

Students who have an outstanding debt to the College for any reason (non-payment of fees, library fines, overdue books, unreturned equipment, etc.) will not be permitted to register for courses, be assessed for application to other College programs, or receive any College credential or official transcript.

Continuing Studies Fees

Visit the College website for the most current Continuing Studies course and fee information.

Financial Aid

FINANCIAL AID

Langara Financial Aid, located in the Registrar & Enrolment Services Office, offers financial assistance and advice to prospective and current students. Our goal is to reduce financial barriers by educating students on all of their options, which may include bursaries, scholarships, student loans, government grants, and financial planning.

Financial Aid Advisors are available to meet with students in person, via Zoom, or by phone during regular advising hours.

STUDENT LOANS & GRANTS

StudentAid BC provides financial assistance in the form of loans and grants through the provincial and federal governments for eligible BC residents who are studying full-time or part-time. Full-time students (enrolled in at least nine credits—or six credits for students with approved disabilities through StudentAid BC) can apply online using the full-time funding application on the StudentAid BC website. Part-time students (enrolled in three to eight credits) may also qualify for loans and grants and must apply online using the separate part-time application, also available on the StudentAid BC website. We recommend applying at least eight weeks before your tuition is due to ensure funding is in place by the tuition payment deadline.

Students who have lived in British Columbia for less than 12 consecutive months prior to the start of their studies need to apply for loans through their province of residence. Websites for other provincial programs are available at Registrar & Enrolment Services.

Although government loans and grants are meant to assist students with their educational and living expenses, these programs aim to complement, not replace, their own financial resources. Typically, students cannot live on government support alone, so we recommend combining them with other financial options.

ADULT UPGRADING GRANT (AUG)

AUG is a provincially-funded program for students taking adult upgrading or adult basic education courses. The application can be found and completed on the StudentAid BC website, and submitted to Registrar & Enrolment Services for processing. Note that this is a grant program for those in financial need.

LANGARA BURSARIES

A bursary is a non-repayable award for students based on financial need and satisfactory academic standing. At Langara, bursaries are open to domestic students (Canadian citizens, permanent residents, or refugees) who are enrolled in a minimum of nine credits (six credits for students with approved disabilities through StudentAid BC or are currently registered with Langara's Accessibility Services and receiving academic accommodations), are in good standing, and show financial need according to our assessment. Please visit the College website for deadlines and the application form.

Langara also has entrance bursaries for Indigenous students, international applicants, and students transitioning from high school.

YOUTH FROM-CARE

The Provincial Tuition Waiver Program (PTWP) waives tuition fees for BC students who are former youth in care within the Ministry of Child and Family Development, who meet the time in care requirement regardless of age, and who are attending a BC public post-secondary institution.

From-care students who do not qualify for the PTWP may be eligible for the Langara College From-Care Bursary. If approved, the bursary will waive tuition fees for the approved semester. To be considered, students must first meet ministry requirements for an eligible tuition waiver program. Students will then need to apply for the bursary and be approved for each semester they would like to receive funding. Students must meet the following requirements each semester: Be a full-time or part-time Regular studies student or a full-time Continuing studies student in a loan-eligible program; be in good standing and demonstrate financial need.

For more information or advice on other funding opportunities for from-care students, contact finaid@langara.ca.

LANGARA SCHOLARSHIPS & AWARDS

Scholarships are monetary awards intended to recognize and support the achievement of students. Criteria for these vary significantly but are divided into two types: departmental and general scholarships.

Most departmental scholarships and awards do not require applications, and students who meet the specific criteria are selected by recommendation of their faculty. Eligible students are at least in the second semester of study, in good standing at the College, registered in a minimum of nine credits (six credits for students with approved disabilities through StudentAid BC or are currently registered with Langara's Accessibility Services and receiving academic accommodations), and have a minimum cumulative grade point average of 3.00.

General scholarships and awards are available to students who are registered in at least nine credits (six credits for students with approved disabilities through StudentAid BC or are currently registered with Langara's Accessibility Services and receiving academic accommodations), in good standing at the College, have a minimum cumulative grade point average of 3.50, and meet specific donor criteria. Nominations may be required; otherwise, applications can be obtained online.

Langara also offers entrance scholarships and awards for both domestic and international students. Applications can be found online within the Financial Aid webpages.

Grading

ASSIGNMENTS & CLASS WORK

Normally, term essays, projects, and reports assigned during the semester account for 65 to 80 percent of the grade for each course. The final examination provides an additional means of measuring achievement. Considering this, it is vital for success in any course or program at Langara that students maintain a consistent effort in all assignments and class work. Many instructors have office hours available every week, particularly for students who need extra help.

FINAL EXAMINATIONS

To receive course credit, students must write the final examination for any course for which a final examination is scheduled. The schedules are displayed on the College website at least one month before the examinations begin. Students are responsible for being aware of the time, location, and date of their final examinations.

In accordance with the Final Examination Policy, final examinations will be rescheduled, upon request, if the student has:

- Two or more examinations at the same time;
- Two or more examinations each exceeding one hour in duration with an intervening break of less than 30 minutes;
- More than three examinations in one day; or
- More than six hours of examinations in one day.

Final examinations will not be rescheduled for reasons other than those noted above. Please refer to Final Examination Policy F1007 on the College website.

GRADE POINT AVERAGE, SEMESTER (SEM GPA)

Semester grade point average is a weighted average of final grades earned in all credit courses taken in a semester at Langara in which the student has been enrolled.

To calculate Sem GPA multiply the letter grade point equivalent for each course in a given semester by the number of credits granted for that course. Then add up these figures for all courses and divide the total by the total number of credits for all courses attempted in the semester, not including courses resulting in "S", "SR", "U", or any notations - see Grades, Grade Points, and Notations.

GRADE POINT AVERAGE, CUMULATIVE (CGPA)

Cumulative grade point average is a weighted average of final grades earned in all credit courses at Langara in which the student has been enrolled.

To calculate CGPA multiply the letter grade point equivalents for all Langara courses completed by the number of credits granted for all courses completed. Then add up these figures for all courses and divide the total by the total number of credits for all courses attempted, not including courses resulting in "S", "SR", "U", or any notations - see Grades, Grade Points, and Notations.

GRADE POINT AVERAGE, PROGRAM (PGPA)

Program grade point average is a weighted average of final grades earned in all credit courses at Langara applicable to a specific program.

To calculate PGPA multiply the letter grade point equivalents for all Langara courses completed for a specific program by the number of credits granted for all courses completed for a specific program. Then add up these figures for all courses for a specific program and divide the total by the total number of credits for all courses attempted for a specific program, not including courses resulting in "S", "SR", "U", or any notations - see Grades, Grade Points, and Notations.

WITHDRAWALS

If students wish to stop taking a course after the course drop/refund period, they must officially withdraw from the course. Students can withdraw from courses by visiting Langara's login page before the deadline and using the self-withdrawal function. Courses withdrawn after the drop deadlines will not be eligible for a refund.

The final withdrawal dates for regular and accelerated half-semester courses are noted in each semester's important dates on the College website. After the final withdrawal date, an "N" grade is assigned to students who do not complete the course.

NOTES:

1. An "N" grade is included in the calculation of the grade point average, and it carries a grade point equivalent of 0.00. The withdrawal notation is not included in the calculation of a student's grade point average and is not included when determining academic standing.
2. Once a final assessment or grade for a course has been determined, students cannot change that assessment or grade by withdrawing from the course.

FINAL GRADES

Students can obtain their grades by visiting Langara's login page and viewing their academic record (transcript).

REPEATING A COURSE: CREDITS, GRADES, & GPAS

Effective Summer Semester 2009 all attempts at a course will be recorded on your academic transcript and included in your semester (SEM GPA) and cumulative (CGPA) grade point averages. If credit is awarded for more than one attempt, the total credits earned (Langara credits and transfer credits, if applicable) will include the credits from only one of the attempts. The grade for the most recent attempt will be used to meet prerequisite and graduation requirements.

Courses repeated at other institutions and transferred to Langara are not included in your Langara CGPA.

APPEAL OF FINAL GRADES

Appeal of a final grade must be made within 10 working days from the last day of final examinations in the semester.

For more information on appeals and deadline dates, see the Langara College Appeal of Final Grade Policy (E2006) and Procedures on the College website.

Students may contact Registrar & Enrolment Services for Appeal of Final Grade forms and procedures.

Registration, Records, & Official Transcripts

Registrar & Enrolment Services maintains a permanent record of students' courses, credits, grades, and notations. An official transcript is a copy of a student's permanent record bearing both the signature of the Registrar or delegate and the seal of Langara College. There is a fee for official transcripts.

Students can visit Langara's login page to access their academic record or order an official transcript. Official transcripts may also be ordered in person at the Registrar & Enrolment Services Office. Students must meet all obligations relating to fees, library books or fines, and borrowed equipment before the College will release an official transcript.

Students should order a transcript well in advance of the time they are needed; transcripts are processed within five business days from receipt of payment. Processing time does not include delivery time for mail orders. Additional time will be required to process transcript orders for students who require the completion of supplemental forms from licensing boards, graduate schools, etc. Students who need an official transcript immediately after final examinations should submit their order before the last day of classes.

Students who need a transcript quickly may request a "rush" transcript from Registrar & Enrolment Services. Rush transcripts are processed within one working day. They cannot be ordered online, and they cannot be ordered for end of semester grades. There is an additional fee for this service.

See Enrolment Services on the College website for more information.

Graduation

APPLICATION FOR GRADUATION

In order to receive a credential for their chosen program, all students must apply for graduation. Applications are available from Registrar & Enrolment Services and online at feeportal.langara.ca. Students should apply for graduation in the last term of their program. The deadline for receipt of applications is November 30 for fall semester completion, February 1 for spring semester completion, and July 31 for summer semester completion.

CONFIRMATION OF GRADUATION

All applications for graduation are assessed upon receipt so long as:

- the student completed all program requirements,
- all courses are completed (none in progress),
- final grades have been submitted, and
- it is determined that the student is eligible to receive a credential.

Only then will the student be sent a notification confirming that the credential has been granted, and that notification will appear on the student's transcript.

If an application is received and the student has course(s) in progress, the application will be put on hold. Once final grades have been submitted, the application will be assessed. If the student has completed all requirements and is eligible to receive a credential, the College will send a notification confirming that the credential has been granted and that notification will appear on the student's transcript. Parchments are awarded three times per year, following each semester. However, there is only one annual convocation ceremony in June.

GRADUATION WITH DISTINCTION

Students who achieve a minimum overall grade point average of 3.67 in the final 48 credits of a bachelor's degree, the final 24 credits of an associate degree or diploma program, or the final 12 credits of a certificate program are eligible to graduate with distinction. The notation of Graduation with Distinction will be printed on the academic transcript.

Alternative criteria may apply to specific programs. Visit the Graduation section of the College website for more information.

REQUESTS FOR GRADUATION EXEMPTION

Students who have deviated from their program's curriculum must submit a request to the Graduation Advisory Committee (through Registrar & Enrolment Services) for approval of any exemptions/substitutions. Visit the Graduation section of the College website for details.

Grades, Grade Points, & Notations

Grading	GPA	Included in CGPA	Description
A+	4.33	Y	Distinguished achievement. Consistently distinguished accomplishment.
A	4.00	Y	
A-	3.67	Y	
B+	3.33	Y	Above average achievement. Consistent mastery.
B	3.00	Y	
B-	2.67	Y	
C+	2.33	Y	Satisfactory achievement. Sufficient comprehension.
C	2.00	Y	
C-	1.67	Y	
D	1.00	Y	Below average achievement. Completed with marginal performance. College credit granted but students not normally permitted to proceed to next course.
F	0.00	Y	No credit. Unsatisfactory achievement. Completion of course without demonstrating sufficient knowledge of content.
N	0.00	Y	No credit. Student ceased to attend or participate in class work after the final withdrawal date, or did not write the final examination.
X	-	Y	No credit. Duplicate course. Where subsequent attempts completed during or after Summer Semester 2009, all attempts will be included in CGPA.
X	-	N	No credit. Duplicate course. Where subsequent attempts completed prior to Summer Semester 2009, only the most recent attempt will be included in CGPA.
@	-	Y	Grade information not visible due to non-payment of fees.
*****	-	N	No credit. Course taken on audit basis.
#	-	N	Grade not available at time of printing.
S	-	N	Satisfactory. Included for academic standing. Courses employing this grade are identified in their descriptions in the College Calendar.
SR	-	N	No credit. Satisfactory but restricted. Student progressing. Included for academic standing. Courses employing this grade are identified in their descriptions in the College Calendar.
U	-	N	No credit. Unsatisfactory. Included for academic standing. Courses employing this grade are identified in their descriptions in the College Calendar.
AEG	-	N	Credit granted. Aegrotat standing.
DE	-	N	Grade deferred. Extension granted for course completion.
NG	-	N	No credit. Grade not available.
o	-		0 (zero) in the credit column indicates no credit in this course.
T	-	N	Transfer credit awarded.
W	-	N	No credit. Withdrawal.
IP	-	N	Course in progress.
EX	-	N	Exemption granted for required course in specific program.

Credentials

To qualify for a credential from Langara College, all requirements specific to each program outlined in this calendar must be completed. In addition, students are required to complete a minimum of 50% of the credential's course credit at Langara.

For post-degree diplomas, post-degree certificates, citations, and microcredentials, all credits must be completed at Langara.

MULTIPLE CREDENTIALS

A minimum of 50% of credits for a second or subsequent credential of the same level must be new courses that have not been used to satisfy requirements for a previous credential.

Langara College offers the following types of credentials with the defined minimum standards.*

CREDENTIALS OFFERED	
Post-Degree Diploma	A minimum of 31 credits with a minimum of 70% of the total credits from upper level courses. Students must have a baccalaureate degree or equivalent for entry and achieve a minimum PGPA of 2.00 to graduate.
Post-Degree Certificate	A minimum of 15 credits to a maximum of 30 credits with a minimum of 70% of the total credits from upper level courses. Students must have a baccalaureate degree or equivalent for entry and achieve a minimum PGPA of 2.00 to graduate.
Baccalaureate Degree	A minimum of 120 credits with at least 60 credits from lower level courses and 42 from upper level courses. Students must meet regular admission requirements for entry and achieve a minimum CGPA of 2.00 to graduate.
Associate Degree	A minimum of 60 credits with further requirements defined by provincial legislation. The Associate Degree framework is available in the BC Transfer Guide. Students must meet regular admission requirements for entry and achieve a minimum CGPA of 2.00 to graduate.
Diploma	A minimum of 60 credits. Students must meet regular admission requirements for entry and achieve a minimum CGPA of 2.00 to graduate.
Certificate	A minimum of 30 credits. Students must meet regular admission requirements for entry and achieve a minimum CGPA of 2.00 to graduate.
Citation	A minimum of 15 credits. Students must meet regular admission requirements for entry and achieve a minimum CGPA of 2.00 to graduate.
Micro-credential	Fewer than 15 credits of course work. Students must meet approved admission requirements and sucessfully complete required courses to receive recognition of micro-credential completion.

* Unless otherwise specified in the program requirements.

Credentials Offered at Langara

POST-DEGREE DIPLOMAS

Post-Degree Diploma in Accounting
Post-Degree Diploma in Accounting (Co-operative Education)
Post-Degree Diploma in Applied Planning
Post-Degree Diploma in Business Administration
Post-Degree Diploma in Data Analytics
Post-Degree Diploma in Marketing Management
Post-Degree Diploma in Nursing Practice in Canada
Post-Degree Diploma in Web and Mobile App Design and Development

POST-DEGREE CERTIFICATES

Post-Degree Certificate in Data Analytics

BACHELOR'S DEGREES

Bachelor of Business Administration in Accounting
Bachelor of Business Administration in Accounting (Co-operative Education)
Bachelor of Business Administration in Business Management
Bachelor of Business Administration in Business Management (Co-operative Education)
Bachelor of Business Administration in International Business Management
Bachelor of Business Administration in International Business Management (Co-operative Education)
Bachelor of Business Administration in Marketing Management
Bachelor of Business Administration in Marketing Management (Co-operative Education)
Bachelor of Recreation Management
Bachelor of Science in Bioinformatics
Bachelor of Science in Nursing

ASSOCIATE DEGREES

Associate of Arts Degree
Associate of Arts Degree in Aboriginal Studies
Associate of Arts Degree in Asian Studies
Associate of Arts Degree in Canadian Studies
Associate of Arts Degree in Classical Studies
Associate of Arts Degree in Commerce and Business Studies
Associate of Arts Degree in Creative Writing
Associate of Arts Degree in English
Associate of Arts Degree in Environmental Studies
Associate of Arts Degree in Family Studies
Associate of Arts Degree in Geography
Associate of Arts Degree in Health Sciences
Associate of Arts Degree in History
Associate of Arts Degree in Latin American Studies
Associate of Arts Degree in Mathematics
Associate of Arts Degree in Peace and Conflict Studies
Associate of Arts Degree in Philosophy
Associate of Arts Degree in Political Science
Associate of Arts Degree in Psychology
Associate of Arts Degree in Women's Studies
Associate of Science Degree
Associate of Science Degree in Bioinformatics
Associate of Science Degree in Bioinformatics (Co-operative Education)
Associate of Science Degree in Biology
Associate of Science Degree in Biology (Co-operative Education)
Associate of Science Degree in Chemistry
Associate of Science Degree in Computer Science
Associate of Science Degree in Computer Science (Co-operative Education)
Associate of Science Degree in Environmental Studies
Associate of Science Degree in Food and Nutrition
Associate of Science Degree in Health Sciences
Associate of Science Degree in Mathematics
Associate of Science Degree in Physics

DIPLOMAS

Diploma in Accounting
Diploma in Accounting (Co-operative Education)
Diploma in Applied Science for Engineering
Diploma in Applied Social Sciences and Humanities
Diploma in Arts and Science
Diploma in Arts and Science (Aboriginal Studies)
Diploma in Arts and Science (Asian Studies)
Diploma in Arts and Science (Canadian Studies)
Diploma in Arts and Science (Classical Studies)
Diploma in Arts and Science (Commerce)
Diploma in Arts and Science (Environmental Studies)
Diploma in Arts and Science (Family Studies)
Diploma in Arts and Science (Health Sciences: Arts)
Diploma in Arts and Science (Health Sciences: Science)
Diploma in Arts and Science (Latin American Studies)
Diploma in Arts and Science (Peace and Conflict Studies)
Diploma in Arts and Science (Women's Studies)
Diploma in Bioinformatics
Diploma in Bioinformatics (Co-operative Education)
Diploma in Biology
Diploma in Biology (Co-operative Education)
Diploma in Business Management
Diploma in Business Management (Co-operative Education)
Diploma in Chemistry
Diploma in Computer Studies
Diploma in Computer Studies (Co-operative Education)
Diploma in Criminal Justice
Diploma in Criminology
Diploma in Design Formation
Diploma in Digital Media and Design
Diploma in Early Childhood Education
Diploma in Education Assistant (Co-ordinated)
Diploma in Financial Management
Diploma in Financial Management (Co-operative Education)
Diploma in Financial Services
Diploma in Financial Services (Co-operative Education)
Diploma in Fine Arts
Diploma in Food, Nutrition, and Health Transfer
Diploma in General Education
Diploma in Gerontology
Diploma in Journalism
Diploma in Kinesiology
Diploma in Leisure Studies
Diploma in Library & Information Technology
Diploma in Marketing Management
Diploma in Marketing Management (Co-operative Education)
Diploma in Nutrition and Food Service Management
Diploma in Professional Photography
Diploma in Recreation Leadership
Diploma in Social Service Worker (Co-ordinated)
Diploma in Theatre Arts at Studio 58 (Acting)
Diploma in Theatre Arts at Studio 58 (Theatre Production)

CERTIFICATES

Certificate in Aboriginal Studies Post-Degree
Certificate in Art History
Certificate in Arts and Science (Engineering)
Certificate in Early Childhood Education
Certificate in Education Assistant
Certificate in Film Arts (Acting)
Certificate in Film Arts (Directing)
Certificate in Film Arts (Writing)
Certificate in Internet and Web Technology
Certificate in Journalism
Certificate in Social Service Worker
Certificate in Social Service Worker (Gerontology)

CITATIONS

Citation in Access Langara
Citation in Early Childhood Education:
Special Education Post-Basic
Citation in Environmental Studies
Citation in Full Stack Web Development
Citation in Foundations in Health Studies
Citation in Infant and Toddler Care and Education
Citation in Latin American Studies
Citation in Photography Fundamentals

MICRO-CREDENTIALS

Applied Analytical Laboratory Skills
Creativity for Everyone
Data Visualization in Biological Sciences
Digital Marketing Essentials
Foundations to Innovations in Community Recreation
Genomics and Transcriptomics Applications
High Performance Liquid Chromatography
Social Media Marketing
User Experience Fundamentals

Langara College Program Information

Programs at a Glance

Program Type			Program Name	Credentials Offered										
OPEN ENROLMENT	CAREER	LIMITED ENROLMENT (LE)		POST-DEGREE DIPLOMA	POST-DEGREE CERTIFICATE	BACHELOR'S DEGREE	ASSOCIATE OF ARTS DEGREE	ASSOCIATE OF SCIENCE DEGREE	DIPLOMA	CO-OPERATIVE OPTION	CO-ORDINATED DIPLOMA	CERTIFICATE	CITATION	MICRO-CREDENTIAL
•		•	Aboriginal Studies				•		•			•		
	•	•	Access Langara										•	
	•	•	Accounting	•					•	•				
	•	•	Advanced Entry BSN			•								
		•	Applied Analytical Laboratory Skills											•
		•	Applied Planning	•										
		•	Applied Science for Engineering						•					
•			Applied Social Sciences and Humanities						•					
•			Art History									•		
•			Arts (General)				•							
•			Arts and Science (General)						•					
•			Asian Studies				•		•					
•		•	Bioinformatics			•		•	•	•				
•			Biology					•	•	•				
	•	•	Business Administration	•										
	•	•	Business Administration (Accounting)			•				•				
	•	•	Business Administration (Business Management)			•				•				
	•	•	Business Administration (International Business Management)			•				•				
	•	•	Business Administration (Marketing Management)			•				•				
	•	•	Business Management						•	•				
•			Canadian Studies				•		•					
•			Chemistry					•	•					
•			Classical Studies				•		•					
•			Commerce						•					
•			Commerce & Business Studies				•							
•			Computer Science					•		•				
	•	•	Computer Studies						•	•				
•			Creative Writing				•							
•			Creativity for Everyone											•
	•	•	Criminal Justice						•					
	•	•	Criminology						•					
		•	Data Analytics	•	•									
		•	Data Visualization in Biological Sciences											•
	•	•	Design Formation						•					
•			Digital Marketing Essentials											•
	•	•	Digital Media and Design						•					

Program Type			Program Name	Credentials Offered										
OPEN ENROLMENT	CAREER	LIMITED ENROLMENT (LE)		POST-DEGREE DIPLOMA	POST-DEGREE CERTIFICATE	BACHELOR'S DEGREE	ASSOCIATE OF ARTS DEGREE	ASSOCIATE OF SCIENCE DEGREE	DIPLOMA	CO-OPERATIVE OPTION	CO-ORDINATED DIPLOMA	CERTIFICATE	CITATION	MICRO-CREDENTIAL
	•	•	Early Childhood Education						•			•		
	•	•	Early Childhood Education: Special Education Post Basic										•	
	•	•	Education Assistant								•	•		
	•	•	Engineering									•		
•			English				•							
•			Environmental Studies				•	•	•				•	
•			Family Studies				•		•					
	•	•	Film Arts (Acting)									•		
	•	•	Film Arts (Directing)									•		
	•	•	Film Arts (Writing)									•		
	•	•	Financial Management						•	•				
	•	•	Financial Services						•	•				
	•	•	Fine Arts						•					
•			Food and Nutrition					•						
	•	•	Food, Nutrition, and Health Transfer						•					
•			Foundations in Health Studies										•	
		•	Foundations to Innovations in Community Recreation											•
		•	Full Stack Web Development										•	
•			General Education						•					
		•	Genomics and Transcriptomics Applications											•
•			Geography				•							•
	•	•	Gerontology						•					
•			Health Sciences				•	•	•					
		•	High Performance Liquid Chromatography											•
•			History				•							
	•	•	Infant and Toddler Care and Education										•	
•			Internet and Web Technology									•		
	•	•	Journalism						•			•		
•			Kinesiology						•					
•			Latin American Studies				•		•				•	
•			Leisure Studies						•					
	•	•	Library & Information Technology (Regular & Flexible Participation)						•					
	•	•	Marketing Management	•					•	•				
•			Mathematics				•	•						
	•	•	Nursing			•								
	•	•	Nursing Practice in Canada	•										
	•		Nutrition and Food Service Management						•					

Program Type			Program Name	Credentials Offered										
OPEN ENROLMENT	CAREER	LIMITED ENROLMENT (LE)		POST-DEGREE DIPLOMA	POST-DEGREE CERTIFICATE	BACHELOR'S DEGREE	ASSOCIATE OF ARTS DEGREE	ASSOCIATE OF SCIENCE DEGREE	DIPLOMA	CO-OPERATIVE OPTION	CO-ORDINATED DIPLOMA	CERTIFICATE	CITATION	MICRO-CREDENTIAL
•			Peace and Conflict Studies				•		•					
•			Philosophy				•							
•			Physics					•						
•			Political Science				•							
•			Photography Fundamentals										•	
	•	•	Professional Photography						•					
•			Psychology				•							
	•	•	Recreation			•			•					
•			Science (General)					•						
•			Social Media Marketing											•
	•	•	Social Service Worker								•	•		
	•	•	Social Service Worker (Gerontology)									•		
	•	•	Theatre Arts (Acting)						•					
	•	•	Theatre Arts (Theatre Production)						•					
•			User Experience Fundamentals											•
	•	•	Web and Mobile App Design and Development	•										
•			Women's Studies				•		•					

Programs: Overview

INTRODUCTION

A Langara College program consists of a planned selection of courses that together provide purposeful study towards some definite educational or occupational goal.

OPEN ENROLMENT PROGRAMS

Langara offers university studies courses and programs in a variety of subject areas that can lead to a Langara credential. Most university studies courses have transfer credit at universities in British Columbia and will transfer to other universities within Canada.

LIMITED ENROLMENT PROGRAMS

Students wanting to complete a limited enrolment program apply directly to the specific program. Limited enrolment programs may have additional admission requirements.

NOTE:
Many courses within degree and university studies limited enrolment programs are available to students who are not admitted to the program. Students can check the course description for information on these courses and subject areas.

INTERDISCIPLINARY STUDIES PROGRAMS

The Department of Interdisciplinary Studies (IDS) currently offers two-year university studies/open enrolment programs that provide multidisciplinary perspectives on a variety of topics. All IDS programs subscribe to the principle that exploring issues and ideas beyond the boundaries of individual subject areas is stimulating and informative. Interdisciplinary studies programs are also committed to offering students unique opportunities to develop their analytical and communication skills, assets that have widespread applications.

Specific program requirements for a diploma or an associate degree vary from program to program, but each program allows students the opportunity to assemble a set of university-transfer courses that meet program core requirements while accommodating individual student interests. This is accomplished through a program structure that encourages students to include a wide range of optional support course selections to meet diploma requirements.

Areas of Concentration

- Canadian Studies
- Classical Studies
- Environmental Studies
- Family Studies
- Latin American Studies
- Peace and Conflict Studies
- Women's Studies

FIELD STUDIES PROGRAMS

Field studies programs are one-semester interdisciplinary and limited enrolment programs, offered from time to time, that include several weeks of travel and study. Students will be introduced to discipline-specific studies relative to the countries in which they are travelling. The exact format will vary with each program.

Some examples of field studies programs include:

- China Field Studies
- European Field Studies in Italy
- Gothic Field Studies UK
- India Connect Scholarship Program
- Japan Field Studies: History and Culture
- Korea, Thailand, and Vietnam Field Studies: Business and Culture
- Study Abroad in the Caribbean

For more information about field studies programs available, visit the College website.

CAREER PROGRAMS

Langara offers career programs, developed with the co-operation of community-based advisory committees, in fields that lead to careers in the arts, business, industry, and community services.

Langara offers career programs leading to one-year certificates, two-year diplomas, and four-year bachelor's degrees. Although some of Langara's career programs require students to complete the program within a specific time period, many of the programs can be completed on a part-time basis.

Students are required to apply directly to a career program, and they may be required to submit supplementary applications, letters of reference, portfolios, and/or evidence of completion of other requirements. Refer to program admission requirements for details.

NOTE:

Many courses offered as part of a career program are available to students who are not admitted to the program. Check the course description portion of this calendar for information on restrictions and prerequisites.

GENERAL EDUCATION PROGRAM

The Diploma in General Education is appropriate for students who prefer a diverse selection of courses and do not necessarily plan to undertake university study. Students may select the basic requirements of a minimum of 60 credits from any of the Langara offerings that are eligible to be used for a Langara credential. Students must choose a minimum of six credits from the offerings of the English department. English preparatory courses cannot be used to meet this requirement.

CO-ORDINATED PROGRAMS

Completion of a Langara certificate, or an approved certificate at the Native Education College equivalent to a minimum of 30 Langara College credits, and the following:

A minimum of 30 credits (10 courses) including a minimum of 24 credits (eight courses) of university-transferable courses that have science, social science, or humanities attributes, and six credits (two courses) of any course eligible to be used towards a Langara credential. Six credits of the credits required for this diploma must be from the offerings of the English department.

NOTES:

- Course attribute information can be found on the College website.
- A small number of courses cannot be used towards a Langara credential. These courses for example, include ENGL 1106, 1107, 1108, 1110, 1120, 1121, MATH 1100, 1101, and 1150. COOP and EXPE courses may only be used to meet co-operative education requirements. Students can refer to the course descriptions for further information.
- Students who have a Langara certificate may transfer in the 30 credits (10 courses) from another institution provided the credits were earned before the completion of the certificate.

Co-operative Education

INTRODUCTION

Langara co-operative education programs enable students to integrate academic studies with related, practical work experience. Co-op students alternate terms of classroom studies with terms of paid, full-time employment with a participating employer. The primary goal of co-operative education is to help students develop the hands-on skills and confidence necessary to succeed in today's competitive job market. Co-operative education can help break down the "no experience — no job" barrier.

Langara's co-op instructors develop career-related work placements with suitable local businesses, government, and non-profit organizations. Students are strongly encouraged to start building their professional networks, thereby learning to self-market their skills and abilities. Through a competitive application, interview, and selection process, students are matched with employers. Employers make the final hiring decision. Although every effort is made to arrange placements, the College cannot guarantee that a student will be selected for a placement.

WORK TERM

Each work term is generally four months in duration (minimum 420 hours). During each work term, the co-op instructor monitors the progress of each student on the job.

NOTE:
Students in any program may be eligible for a co-operative education experience. For further information, contact the Co-operative Education Office at 604.323.5480 or visit the office in room C121.

ADMISSION REQUIREMENTS

To be admitted and participate in a co-operative education option, students must:

- Be enrolled in three program courses (minimum nine credits) or more, not including EXPE 2300; (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-op instructor; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

CO-OPERATIVE WORK TERM CREDIT

To receive full credit for a work term and to qualify for a subsequent work term, each student must:

- Receive a satisfactory evaluation from the employer's designated work place supervisor;
- Complete a formal work term report; and
- Remain enrolled as a student in subsequent academic terms.

NOTE:
Credits are earned for each co-op work term. The fee for each credit is the same as for a normal academic credit. Students are responsible for all work-term related expenses such as transportation, accommodation, and meals.

GRADUATION

Students successfully completing all requirements for each academic term and each co-op work term (one to two work terms for a diploma; three to four work terms for a bachelor's degree) in a program will be awarded a credential with a co-operative education designation on their academic record.

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Arts (General)

OPTION(S)

- Associate of Arts Degree

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information section.

ASSOCIATE OF ARTS DEGREE

CURRICULUM

The associate of arts degree requires the successful completion of a minimum of 60 credits that have assigned or unassigned credit at Simon Fraser University, the University of British Columbia, the University of Victoria, or the University of Northern British Columbia.

Within the minimum 60 credits, students must complete:

1. Six credits in first-year English;
2. 36 credits in arts (including a minimum of 18 credits in arts at the second-year level taken in two or more subject areas) which must include:
   - Six credits in the social sciences;
   - Six credits in humanities (including the creative and performing arts) other than English;
   - 24 additional credits in arts;
3. Nine credits in science which shall include at least:
   - Three credits in mathematics or computing science or statistics;
   - Three credits in a laboratory science;
4. Nine credits of first- or second-year courses (Students may include university-transfer credit from career program and kinesiology and recreation courses); and
5. A minimum cumulative GPA of 2.0.

No course may be used to meet more than one of the specific requirements.

In addition to the regular Associate of Arts Degree (Arts - General), Langara College offers associate of arts degrees in the following concentrations:

- Aboriginal Studies
- Asian Studies
- Canadian Studies
- Classical Studies
- Commerce and Business Studies
- Creative Writing
- English
- Environmental Studies
- Family Studies
- Geography
- Health Sciences
- History
- Latin American Studies
- Mathematics
- Peace and Conflict Studies
- Philosophy
- Political Science
- Psychology
- Women's Studies

ASSOCIATE DEGREE DEFINITIONS

FIRST-YEAR AND SECOND-YEAR COURSES

- A first-year course is defined as a course which has assigned or unassigned transfer credit at the 100-level at UBC, SFU, UVic, or UNBC.
- A second-year course is defined as a course which has assigned or unassigned transfer credit at the 200 level or higher at UBC, SFU, UVic, or UNBC.
- An arts course is defined as any first- or second-year course in a subject area for which there is a baccalaureate of arts degree at UBC, SFU, UVic, or UNBC.
- A science course is defined as any first- or second-year course in a subject area for which there is a baccalaureate of science degree or baccalaureate of applied science degree at UBC, SFU, UVic, or UNBC.
- A laboratory science is one in which a substantial component of student instruction involves the study of natural phenomena.
- For classification of Langara College courses, i.e., humanities, arts, social science, science, and lab science, see the online course descriptions.

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, 1107, 1108, 1110, 1120, MATH 1100, 1101, and 1150. COOP and EXPE courses may only be used to meet co-operative education and work experience requirements. Students can refer to the course descriptions for further information.

Students are assessed for graduation based on the semester that they started their program.

Arts and Science (General)

OPTION(S)

- Diploma in Arts and Science

GENERAL INFORMATION

The diploma in arts and science requirements allow for considerable flexibility in the choice of courses that a student may complete. Students can design their curriculum to meet their own needs or interests or to meet the requirements for further study. In addition to the general diploma in arts and science, Langara College offers diplomas in arts and science with the following concentrations:

- Aboriginal Studies
- Asian Studies
- Canadian Studies
- Classical Studies
- Commerce
- Environmental Studies
- Family Studies
- Health Sciences (Arts)
- Health Sciences (Science)
- Latin American Studies
- Peace and Conflict Studies
- Women's Studies

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information section.

DIPLOMA IN ARTS AND SCIENCE

CURRICULUM

A minimum of 60 credits including:

1. Six credits of first-year, university-transferable English
2. 39 credits of university-transferable courses that have science, social science, or humanities attributes[1]
3. 15 credits of any courses eligible to be used towards a Langara College credential[2]

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, 1107, 1108, and 1110; MATH 1100, and 1101. COOP and EXPE courses may only be used to meet co-operative education requirements. Students can refer to the course descriptions for further information.

Students are assessed for graduation based on the semester that they started their program.

General Education

OPTION(S)

- Diploma in General Education

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: International applicants are not eligible for admission to the Diploma in General Education.

English Language Requirement

None

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information section.

DIPLOMA IN GENERAL EDUCATION

The Diploma in General Education is appropriate for students who prefer a diverse selection of courses and do not necessarily plan to undertake university study. Students may select the basic requirements of a minimum of 60 credits from any of the Langara College offerings that are eligible to be used for a Langara College credential. Students must choose a minimum of six credit hours from the offerings of the English department.

Program Notes:

English preparatory courses cannot be used to meet this requirement. Preparatory courses are indicated on the course listings page. Students are assessed for graduation based on the semester that they started their program.

CREATIVE ARTS & INDUSTRIES

Creativity for Everyone

Department: Professional Photography
Division: Creative Arts & Industries

OPTION(S)

- Creativity for Everyone

GENERAL INFORMATION

In a world integrating with artificial intelligence, human creativity remains essential to our development. Students learn creative process through communication, improvisation, collaboration, and critique. They explore storytelling and visual literacy through precedent and history. Through practical application, students learn the foundations of design, elements, and principles for composition and image making.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.

Please refer to the program application dates on the Application Information section.

CREATIVITY FOR EVERYONE

CURRICULUM

TOTAL PROGRAM CREDITS: 3

Course No.	Credits
All of	
CREV 1121	1
CREV 1122	1
CREV 1123	1

Design Formation

Department: Design Formation
Division: Creative Arts & Industries

OPTION(S)

- Diploma in Design Formation

GENERAL INFORMATION

Design Formation at Langara College is a comprehensive applied instructional program that spans both 2D and 3D design disciplines. It includes foundational elements of graphic and communication design, interior and architectural design, and experiential design defined as communication design in built environments. This program emphasizes the core principles and techniques for effectively conveying ideas and information to business and consumer audiences.

The program welcomes creative learners of any age or background who wish to explore a breadth of visual arts disciplines. A project-based curriculum in a safe, supportive, and inclusive learning environment supports confidence, collaboration, curiosity, and a strong work ethic. In addition to developing essential skills in current and emerging computer-assisted technologies, students learn the fundamental elements and principles of design including form and shape in 2D and 3D applications, color theory, and typography.

Working in program studios, computer labs and workshops, students learn by creating portfolio ready projects, starting from concept development, sketching, imaging, and technical drawings to final fabrication and production essential for any professional studio work. These projects include a wide variety of media such as print, web, user experience design, exhibits, environmental graphics, interiors, and physical and virtual objects and spaces.

Students gain a diverse skill set that can be applied to entry level jobs in areas such as graphic design, retail display, interior spaces, exhibit design, or environmental graphic design. Furthermore, the program prepares individuals in various applied visual art media and provides a strong foundation for advanced studies in a wide variety of specialized programs in design.

Students graduate with a diploma, professional studio experience, industry awareness and a professional portfolio.

OUTCOMES AND OBJECTIVES

The Diploma in Design Formation provides students with a strong multidisciplinary foundation around knowledge and skills fundamental to any design practice. This foundation covers knowledge in design methodologies, history, theory, materials, technology, and other current applications; along with skills in sketching, drafting, model making, computer software, shop fabrication, and the stages of design process.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. Attendance at a program information session.
2. Interview with program faculty member

Applicant Notes

1. Applicants are required to have an interview with a program faculty member, at which time the applicant will demonstrate their ability to communicate effectively verbally, visually, and in writing to demonstrate the depth of their knowledge by completing an assessment and presenting a portfolio of relevant work.
2. Students should expect to commit a minimum of four hours of time per studio per week in addition to class time.
3. The three-dimensional studio requires some physical effort including lifting and the use of power tools.
4. Admission to the program does not guarantee registration in required courses.
5. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.
6. Preference may be given to applicants with completion of secondary school or equivalent art courses.

Please refer to the program application dates on the Application Information section.

DIPLOMA IN DESIGN FORMATION

CURRICULUM

TOTAL CREDITS: 60

TERM ONE

Course No.	Credits
All of	
DSGN 1151	3
DSGN 1155	3
DSGN 1156	3
DSGN 1255	3
One of	
CMNS 1115	3
CMNS 1118	3
CMNS 1122	3
university-transferable ENGL	3

TERM TWO

Course No.	Credits
All of	
DSGN 1153	3
DSGN 1154	3
DSGN 1250	3
DSGN 1256	3
Three credits from design history	
DSGN 1100	3
DSGN 1200	3

TERM THREE

Course No.	Credits
All of	
DSGN 2054	2
DSGN 2151	3
DSGN 2155	3
Three credits from design theory	
DSGN 1300	3
DSGN 1400	3
Three credits from design area electives	
see list below	3

TERM FOUR

Course No.	Credits
All of	
DSGN 2254	3
DSGN 2354	1
12 credits from design area electives	
see list below	12

DESIGN AREA ELECTIVES

Communication Design

Course No.	Credits
DSGN 2251	3
DSGN 2351	3
DSGN 2451	3

Experiential Design

Course No.	Credits
DSGN 2152	3
DSGN 2256	6

Interiors and Architecture

Course No.	Credits
DSGN 1253	3
DSGN 2353	3

Notes:

1. A minimum "C" grade is required to progress through and graduate from the program in the following courses:

   DSGN 1151, 1153, 1155, 1156, 1250, 1256, and 2151
2. A minimum "C" grade in the design area electives is required to progress through and graduate from the program. These courses include:

   DSGN 1253, 2152, 2251, 2256, 2351, 2353, and 2451
3. The ENGL/CMNS, design history, design theory, and design area electives may be taken in semesters other than those presented. Students should contact the department for program advising.
4. Students who wish to transfer to another institution following completion of the diploma may wish to take additional coursework in order to facilitate transfer. Students in this situation are encouraged to contact the Department Chair of Design Formation for more information.

Digital Media and Design

Department: Design Formation
Division: Creative Arts & Industries

OPTION(S)

- Diploma in Digital Media and Design

GENERAL INFORMATION

The Diploma in Digital Media and Design is an employment-focused, multidisciplinary program that bridges the gap between technological skills and practical innovation. Students gain the digital fluency and creativity needed to thrive in web, digital, and UI design positions. Design and technology-focused courses build the skills to be successful in visual storytelling, creating, managing, and optimizing digital content, and applying generative artificial intelligence tools in their work. The program features curriculum that develops students' essential skills, enabling them to pursue further study or evolve in the new global economy.

In addition to primarily project-based coursework, a three-credit capstone course in second year provides an opportunity for students to showcase their employment skills and expertise in technology and innovation to future employers.

The Diploma in Digital Media in Design aims to be a strong fit for high school graduates interested in creativity and design while also creating meaningful upskilling options for mid-career professionals. Pathways into the program have been developed to create new options for existing Langara students, particularly those interested in employment-ready training or further studies in design.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

The program will be guided by a continuously updated living document that provides a flexible framework to reflect the ongoing commitment to Indigenization in particular and Equity, Diversity and Inclusion in general.

DIPLOMA IN DIGITAL MEDIA AND DESIGN

CURRICULUM

TOTAL CREDITS: 60

Course No.	Credits
One of	
CMNS 1114	3
CMNS 1118	3
ENGL 1100	3
ENGL 1123	3
ENGL 1129	3
ENGL 1130	3
One of	
BUSM 1500	3
CMNS 1115	3
One of	
AHIS 1112	3
AHIS 1212	3
FLMA 1100	3
PHOT 1100	3
PUBL 1100	3
One of	
FMGT 1115	3
FMGT 1116	3
MATH 1118	3
MATH 1119	3
One of	
ABST 1150	3
ANTH 1120	3
SOCI 1127	3
WMST 1116	3
WMST 1216	3
One of	
CREV 1121 and	1
CREV 1122 and	1
CREV 1123	1
DSGN 1100	3
DSGN 1200	3
PHOT 1120	3
All of	
DGMD 1125	3
DGMD 1155	3
DGMD 1175	3
DGMD 1415	3
DGMD 1425	3
DGMD 2155	3
DGMD 2225	3
DGMD 2255	3
DGMD 2275	3
DGMD 2400	3
DGMD 2425	3
DGMD 2500	3
DSGN 1300	3
DSGN 1400	3

Film Arts

Department: Film Arts
Division: Creative Arts & Industries

OPTION(S)

- Certificate in Film Arts (Acting)
- Certificate in Film Arts (Directing)
- Certificate in Film Arts (Writing)

GENERAL INFORMATION

Film Arts offers an eight-month, post-accreditation Certificate in Film Arts in three areas: acting for the screen, writing for the screen, and directing for the screen. The program runs from January through August.

Courses in film studies, film principles, and film practice will overlap, resulting in a creative and collaborative environment in which students will practice their skills with the other key creators of each craft area. These overlapping courses are designed so students will develop a dynamic understanding of the film making process.

Nevertheless, each certificate will be a stand-alone program. The film arts program is designed as three parallel paths, each one concentrating on its own area of expertise and resulting in a portfolio of work and a base of knowledge that will give the student a significant advantage when entering the workforce in the professional world of film production.

Students wishing to obtain a second certificate in another stream of the film arts program must take the courses unique to that certificate.

Students accepted in the Certificate in Film Arts must take Term One (spring) and Term Two (summer) consecutively.

CERTIFICATE IN FILM ARTS (ACTING)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

1. Resumé
2. Audition
3. Letter of intent
4. Interview with program faculty member

Applicant Notes

1. A successful audition and/or an interview is required.
2. Your letter of intent will cite your goals in joining the Film Arts program.
3. Students will be required to pay materials fees in addition to tuition. See the Course Schedule for additional fees.
4. Students will be required to purchase additional materials for their productions. For total estimated cost please refer to the Cost of Study tool.

Please refer to the program application dates on the Application Information section.

CURRICULUM

TOTAL PROGRAM CREDITS: 30

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
FLMA 1110	3
FLMA 1120	3
FLMA 1170	3
FLMA 1180	3
FLMA 1200	3

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
FLMA 1210	3
FLMA 1220	2
FLMA 1222	1
FLMA 1271	1.5
FLMA 1272	1.5
FLMA 1280	6

CERTIFICATE IN FILM ARTS (DIRECTING)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

1. Portfolio (video)
2. Resumé
3. A Letter of Intent
4. Interview

Applicant Notes

1. A positive assessment of a video portfolio (digital file or online resource) to which the applicant has contributed in a key creative role of director, actor, cinematographer, or editor.
2. Your letter of intent would cite your goals for joining the Film Arts program.
3. Students will be required to pay materials fees in addition to tuition. See the Course Schedule for additional fees.
4. Students will be required to purchase additional materials for their productions. For total estimated cost please refer to the Cost of Study tool.

Please refer to the program application dates on the Application Information section.

CURRICULUM

TOTAL PROGRAM CREDITS: 30

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
FLMA 1150	3
FLMA 1160	3
FLMA 1170	3
FLMA 1182	3
FLMA 1200	3

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
FLMA 1250	3
FLMA 1261	1.5
FLMA 1262	1.5
FLMA 1271	1.5
FLMA 1272	1.5
FLMA 1282	6

CERTIFICATE IN FILM ARTS (WRITING)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

1. Portfolio (Screenplay)
2. Resumé
3. Letter of intent
4. Interview with a program faculty member

Applicant Notes

1. A positive assessment of a written portfolio. Portfolio of an original screenplay or part of a screenplay, written by the applicant (minimum 10 pages).
2. An interview.
3. Students will be required to pay materials fees in addition to tuition. See the Course Schedule for additional fees.
4. Students will be required to purchase additional materials for their productions. For total estimated cost please refer to the Cost of Study tool.

Please refer to the program application dates on the Application Information section.

CURRICULUM

TOTAL PROGRAM CREDITS: 30

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
FLMA 1130	3
FLMA 1140	3
FLMA 1170	3
FLMA 1181	3
FLMA 1200	3

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
FLMA 1230	3
FLMA 1240	3
FLMA 1271	1.5
FLMA 1272	1.5
FLMA 1281	6

Fine Arts

Department: Fine Arts
Division: Creative Arts & Industries

OPTION(S)

- Diploma in Fine Arts

GENERAL INFORMATION

The fine arts program provides two years of intensive study in fine arts. The program has excellent transferability to universities and art schools in British Columbia, Canada, and the USA. The Diploma in Fine Arts offers a dual purpose to the prospective student:

1. Preparation leading toward advanced study at other art institutions; and
2. Foundation training for employment opportunities.

The program emphasis is on studio art with the opportunity for specialization in the second year. Diploma requirements include academic courses in English, art history, and cultural theory.

Drawing and design are considered core courses. Students must complete drawing and design each term before advancing to the next term.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Applicant Notes

1. Students must pay a materials fee in each studio for each term of the program for basic supplies, and they must also purchase a specific list of personal supplies/tools.
2. Students should expect to commit a minimum of four hours of studio work per week per studio in addition to class time.
3. Admission to a program does not guarantee registration into required courses.
4. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program

Please refer to the program application dates on the Application Information section.

DIPLOMA IN FINE ARTS

CURRICULUM

TOTAL CREDITS: 60

Course No.	Credits
All of	
AHIS 2250	3
FINA 1111	3
FINA 1120	3
FINA 1131	3
FINA 1142	3
FINA 1143	3
FINA 1161	3
FINA 1171	3
FINA 1220	3
FINA 2180	3
One of	
ENGL 1100	3
ENGL 1123	3
One of	
ENGL 1129	3
ENGL 1130	3
Six additional credits of AHIS	6
18 additional credits of FINA courses at the 2000 level or higher	18

Term Notes:

Students must achieve a minimum "C-" grade in a studio area to be eligible to register in that studio area at a second-year level.

Terms One and Two:

1. Completion of all first-year courses in the program or transferred equivalence is required before entry into second year.

Terms Three and Four:

1. Students must take a total of 18-24 credits of 2000-level studio courses.
2. When selecting 2200-level studio courses, please ensure that you have taken the appropriate 2100-level prerequisite courses and have achieved a minimum "C-" grade.
3. Students wanting to do further study in fine arts should check with the institution to which they want to transfer to determine the course requirements of that institution.
4. The number of fine arts studio electives in the second year of the program is dependent upon the total number of second-year program students.

Admission to a program does not guarantee registration in required courses. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.

Journalism

Department: Journalism
Division: Creative Arts & Industries

OPTION(S)

- Diploma in Journalism
- Certificate in Journalism

GENERAL INFORMATION

The journalism program prepares students for careers in the fields of journalism and communications.

Diploma Program

The two-year diploma program is intended for those with or without previous post-secondary experience, in which students will take a combination of journalism, communications, and liberal arts courses. There will be a mandatory foundation of introductory journalism and communications courses. Students will also have the choice to concentrate on advanced journalism, advanced communications, as well as non-journalism subjects. An internship in the final term is a required component of the program.

Certificate Program

The eight-month certificate program is designed for those with post-secondary education to take specialized journalism and communications training at an accelerated pace. This intensive, skills-oriented experience is designed to build on a student's academic background, providing the student with the tools to work as a well-informed journalist or professional communicator. The first semester focuses on introductory and basic skills courses; the second semester on advanced practices.

DIPLOMA IN JOURNALISM

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Applicant Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information section.

CURRICULUM

Diploma students must obtain credit in all of the Journalism and academic courses below. It is permissible to take the academic courses before enrolling in the Journalism program.

TOTAL PROGRAM CREDITS: 60

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
ENGL 1123	3
JOUR 1100	3
JOUR 1122	1.5
JOUR 1128	3
JOUR 1142	1.5
JOUR 1288	3

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
JOUR 1168	3
JOUR 1179	4.5
JOUR 1225	3
JOUR 1290	3
JOUR 2178	1.5

TERM THREE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
JOUR 1240	1.5
JOUR 2279	4.5
JOUR 2398	3
Two of	
JOUR 1200	3
JOUR 1220	3
JOUR 1230	3

TERM FOUR (TOTAL CREDITS: 15)

Course No.	Credits
All of	
JOUR 1224	1.5
JOUR 2380	3
JOUR 2475	1.5
Nine credits of journalism courses or university-transferable electives	9

CERTIFICATE IN JOURNALISM

ADMISSION REQUIREMENTS

English Language Requirement

Category 2

Additional Requirements

One of the following:

- 18 credits of post-secondary courses or;
- Five years of full-time work experience. Details confirmed via resumé.

Applicant Notes

1. Admission is competitive; meeting the minimum requirements does not guarantee acceptance to the program.
2. Admission to a program does not guarantee registration into required courses.

CURRICULUM

TOTAL PROGRAM CREDITS: 36

TERM ONE (TOTAL CREDITS: 18)

Course No.	Credits
All of	
JOUR 1122	1.5
JOUR 1128	3
JOUR 1142	1.5
JOUR 1168	3
JOUR 1179	4.5
JOUR 1225	3
JOUR 2410	1.5

TERM TWO (TOTAL CREDITS: 18)

Course No.	Credits
All of	
JOUR 1224	1.5
JOUR 1240	1.5
JOUR 1288	3
JOUR 2178	1.5
JOUR 2279	4.5
JOUR 2380	3
JOUR 2398	3

Photography Fundamentals

Department: Professional Photography
Division: Creative Arts & Industries

OPTION(S)

- Citation in Photography Fundamentals

GENERAL INFORMATION

Photography is a universal communication tool that uses a complex visual language. Strong technical and creative skills are required to communicate effectively. Students build on foundational photographic knowledge to create purposeful images of people and objects. They apply advanced techniques in lighting, storytelling, connection to place and space, and post-production. Throughout the program, students learn to discuss and critique work thoughtfully, considering multiple viewpoints. Electives allow students to round out their education and explore complementary creative, business, and communication skills.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program does not guarantee registration into required courses.
3. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services in advance of the registration period.

Please refer to the program application dates on the Application Information section.

CITATION IN PHOTOGRAPHY FUNDAMENTALS

CURRICULUM

TOTAL PROGRAM CREDITS: 15

Course No.	Credits
All of	
PHOT 1100	3
PHOT 1120	3
PHOT 1200	3
Six credits of:	
AHIS 1219	3
BUSM 1901	3
CMNS 1122	3
CREV 1121	1
CREV 1122	1
CREV 1123	1
JOUR 1168	3
PHOT 1150	1
PHOT 2440	3
PUBL 1100	3
PUBL 1900	1

Professional Photography

Department: Professional Photography
Division: Creative Arts & Industries

OPTION(S)

- Diploma in Professional Photography

GENERAL INFORMATION

Langara College's two-year, full-time (four-term) Diploma in Professional Photography is unique in British Columbia. It combines the aesthetic and business aspects of photography with a solid technical background. The majority of the photographic assignments are based on 'commercial' as opposed to 'fine art' considerations. This orientation gives realistic preparation for the demanding requirements of the photographic industry, as employees and as entrepreneurs. Students receive instruction in both traditional and emerging electronic/digital imaging techniques.

JOB OPPORTUNITIES

Graduates of the professional photography program have found employment in almost every facet of the photographic/imaging industry. They are now in positions of leadership and many have opened their own photographic businesses. Immediately upon graduation, most graduates find employment as lab technicians, digital imagers, photographer's assistants, or freelancers.

The photographic subjects cover such topics as advertising, architectural, commercial photography, copying, editorial, electronic imaging, and manipulation, fashion, industrial photography, lab work, photojournalism, portraiture, quality control, and scientific photography. These photographic subjects are complemented by a good foundation of business and communications fundamentals, including computer applications, necessary for operating or running a small business.

A considerable amount of time is spent doing practical assignments that are representative of those undertaken by photographer's assistants and photography technicians. Emphasis is placed on learning to meet deadlines and other industry requirements. Due to the demanding workload of classes, labs, and homework assignments, a student should not contemplate employment as a means of financing studies while a term is underway.

While at school, students are encouraged to take an active part in conventions, meetings, and seminars sponsored by professional photographic organizations. Unique student awards and scholarships are available as a result of this participation.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

- A portfolio
- Interview with program faculty member.

Applicant Notes

1. A successful interview with a program faculty member, at which time applicants will demonstrate their ability to communicate effectively verbally, visually, and in writing. They will demonstrate the depth of their photographic knowledge by completing an assessment and presenting a portfolio of relevant work.
2. Admission to a program does not guarantee registration into required courses.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information section.

DIPLOMA IN PROFESSIONAL PHOTOGRAPHY

CURRICULUM

TOTAL PROGRAM CREDITS: MINIMUM 61

Course No.	Credits
All of	
BUSM 1901	3
BUSM 1902	3
PHOT 1105	3
PHOT 1110	3
PHOT 1120	3
PHOT 1125	3
PHOT 1190	1
PHOT 1205	3
PHOT 1210	3
PHOT 1225	3
PHOT 2305	3
PHOT 2310	3
PHOT 2325	3
PHOT 2420	3
PHOT 2425	3
PHOT 2475	3
PHOT 2485	1
PHOT 2486	1
PHOT 2490	1
All of	
AHIS 1212 or	3
AHIS 1219	3
CMNS 1115 or	3
CMNS 1122	3
JOUR 1168 or	3
PHOT 2320	1
PHOT 1150 or	1
PHOT 1151	3
PHOT 2440 or	3
PHOT 2441	1
PUBL 1100 or	3
PUBL 1900	1

Notes:

1. Supply and equipment costs, which must be purchased or rented by each student, are listed in the Cost of Study Tool.
2. Be sure to check the prerequisites for the arts and science courses that are part of the program.
3. In order to graduate, students need a minimum "C" grade in all courses used towards the Diploma in Professional Photography.

Theatre Arts at Studio 58

Department: Theatre Arts at Studio 58
Division: Creative Arts & Industries

OPTION(S)

- Diploma in Theatre Arts at Studio 58 (Acting)
- Diploma in Theatre Arts at Studio 58 (Theatre Production)

GENERAL INFORMATION

Training at Studio 58

Theatre Arts at Studio 58 offers a three-year acting diploma program and theatre production diploma program designed to prepare students for a professional career in theatre, film, television, and related arts. The programs graduate actors and production personnel who have a professional level of commitment and aptitude and who have acquired the skills to become contributing members of these professions. We maintain a close liaison with professional companies in Vancouver, casting agents, and directors, most of whom regularly employ our graduates. Intake is limited to ensure students receive intensive individual training.

DIPLOMA IN THEATRE ARTS AT STUDIO 58 (ACTING)

Particular emphasis is placed on the development of an integrated voice and body as an expressive tool. Communication with the audience and fellow actors is stressed. Students are also encouraged to develop their creative contribution to the theatre process. The acting option comprises six terms. The emphasis in Terms One, Two, and Three is on class and project work. Students in Terms One, Two, and Three must also participate in extensive crew work on Studio 58 productions. Students in Terms Four, Five, and Six, while continuing with class work, devote most of their time to rehearsal and performance. Attention is also paid to developing audition techniques for film and television and preparation of audition material to be used upon graduation. Acting for film and television is also covered.

Grading

To be eligible for the second and third terms, students must receive a minimum "C" grade in all subjects. To be eligible for the fourth and fifth terms, students must receive a minimum "B-" grade in acting and a minimum "C" grade in all other subjects. To be eligible for sixth term, students must receive a minimum "B-" grade in THEA 3150 at the end of the fifth term.

Repeating

For the policy on repeating, please contact the theatre arts department. Students wishing to switch their option may do so only with the approval of the theatre arts department chair/artistic director.

Materials and Fees

- Students must pay a materials fee at the beginning of each term to cover the cost of theatre tickets, scripts, tapes, etc.
- They must provide outfits for movement work as required by their instructor. They are also expected to provide make-up as required, and to be prepared to have their hair cut or styled whenever needed for a part in a production.
- Production students will be required to purchase additional equipment and materials.
- An additional fee for head shots is required in the final term.

Course of Study

Unless granted previous credit for university or college-level, first-year English, students must enrol in the total program.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

- Audition

Applicant Notes

1. Admission is dependent on the successful completion of an audition. Students must demonstrate sufficient talent indicating they have the potential to become a professional person in the theatre arts.
2. Auditions are held in late April each year. For those located within the Lower Mainland, auditions are held in person. Online auditions are available for candidates located outside of the Lower Mainland.
3. Audition fees are required.
4. Applicants must indicate a high degree of commitment to pursuing a professional career in the theatre, film, TV, and related arts.
5. Admission to a program does not guarantee registration into required courses.

6. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.
7. Because theatre arts students are requested to put in long and often irregular hours, including evenings and weekends, having an outside job is extremely difficult.
8. Students enrolled in the Acting Option are not permitted to take any performing jobs while registered without express permission from the Artistic Director. Senior students sometimes are given the opportunity to gain additional experience by working with professional theatres in Vancouver or working on a film/TV project.
9. Preference may be given to applicants:
   - who are at least 19 years of age (younger applicants are still considered)
   - who have two years of post-secondary education and/or work experience, not necessarily related to theatre arts
10. Given the highly unique composition of the Diploma in Theatre Arts at Studio 58 (Acting), it is highly unlikely students will receive direct transfer credit for application to THEA courses.

Application Deadline

- January and September intakes: April 13

Please refer to the program application dates on the Application Information section.

CURRICULUM

TOTAL PROGRAM CREDITS: 90

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
THEA 1110	3
THEA 1120	3
THEA 1130	3
THEA 1140	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
ENGL 1181	3
or any university-transferable ENGL course for which Langara College awards credit.	3

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
THEA 1210	3
THEA 1220	3
THEA 1230	3
THEA 1240	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
ENGL 1191	3
or any university-transferable ENGL course for which Langara College awards credit.	3

TERM THREE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
THEA 2110	5
THEA 2120	3
THEA 2130	4
THEA 2140	3

TERM FOUR (TOTAL CREDITS: 15)

Course No.	Credits
All of	
THEA 2210	5
THEA 2220	3
THEA 2230	3
THEA 2240	4

TERM FIVE (TOTAL CREDITS: 15)

Course No.	Credits
THEA 3150	15

TERM SIX (TOTAL CREDITS: 15)

Course No.	Credits
THEA 3250	15

DIPLOMA IN THEATRE ARTS AT STUDIO 58 (THEATRE PRODUCTION)

This program is designed for individuals with previous design, technical, or backstage theatre experience who wish to learn and develop additional skills in a practical theatre setting. Prospective students should have a clear notion in which areas of theatre production they wish to concentrate their studies. The Theatre Production Program, after the first term, consists of foundational, developmental, and applied studies in areas of technical theatre.

Students will be given projects related to their field of study and will have the opportunity to work with professional designers and directors. Students are given a well-rounded understanding of acting, voice, and movement in their first term. After the first term, production students assume major responsibilities on Studio 58 and professional local productions depending on individual needs.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

- Audition
- Project
- Interview with program faculty member

Applicant Notes

1. Admission is dependent on the successful completion of an audition and interview. Students must demonstrate sufficient talent indicating they have the potential to become a professional person in the theatre arts.
2. Auditions are held in late April each year. For those located within the Lower Mainland, auditions are held in person. Online auditions are available for candidates located outside of the Lower Mainland.
3. Audition fees are required.
4. Applicants must indicate a high degree of commitment to pursuing a professional career in the theatre, film, TV, and related arts.
5. Admission to a program does not guarantee registration into required courses.
6. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.
7. As theatre arts students are requested to put in long and often irregular hours, including evenings and weekends, having an outside job is extremely difficult.
8. Senior students in Production Option are sometimes given the opportunity to gain additional experience by working with professional theatres in Vancouver or working on a film/TV project.

9. Preference may be given to applicants:

- who are at least 19 years of age (younger applicants are still considered)
- who have two years of post-secondary education and/or work experience, not necessarily related to theatre arts

10. Given the highly unique composition of the Diploma in Theatre Arts at Studio 58 (Acting), it is highly unlikely students will receive direct transfer credit for application to THEA courses.

Application Deadline

- January and September intakes: April 13

Please refer to the program application dates on the Application Information section.

CURRICULUM

TOTAL PROGRAM CREDITS: 90

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
THEA 1110	3
THEA 1120	3
THEA 1130	3
THEA 1140	3
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
ENGL 1181	3
ENGL 1191	3
any university-transferable ENGL course which Langara College awards credit.	3

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
THEA 1150	3
THEA 2160	6
undergraduate coursework other than THEA courses.	3
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
ENGL 1181	3
ENGL 1191	3
any university-transferable ENGL course which Langara College awards credit.	3

TERM THREE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
THEA 1250	3
THEA 2260	9
undergraduate coursework other than THEA courses.	3

TERM FOUR (TOTAL CREDITS: 15)

Course No.	Credits
THEA 2360	15

TERM FIVE (TOTAL CREDITS: 15)

Course No.	Credits
THEA 3460	15

TERM SIX (TOTAL CREDITS: 15)

Course No.	Credits
THEA 3560	15

Program Notes:

1. Students are required to obtain a minimum "C" grade in both THEA 1150 and 1250, and a minimum "B-" grade in THEA 2160, 2260, 2360, 3460, and 3560 in order to graduate.
2. Theatre Arts at Studio 58 program curriculum is constantly under review to ensure it meets the needs of the profession

User Experience Fundamentals

Department: Design Formation
Division: Creative Arts & Industries
Program Intake: September, January, May

OPTION(S)

- User Experience Fundamentals

GENERAL INFORMATION

In User Experience Fundamentals students will explore the behaviours, attitudes and expectations of the user. The user experience must be determined before the designers design the artwork or the developers develop the software. This discipline is comprised of the two fields of user experience (UX) and user interface (UI). Both UX and UI use the human-first approach to design.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.

Please refer to the program application dates on the Application Information section.

USER EXPERIENCE FUNDAMENTALS

CURRICULUM

TOTAL CREDITS: 3

Course No.	Credits
All of	
DSGN 1121	1
DSGN 1122	1
DSGN 1123	1

A minimum "C" grade is required in DSGN 1121, 1122, and 1123 to progress through and graduate from the program.

Program Notes:

1. It is recommended that students take the courses in sequential order as the knowledge is cumulative.

Web and Mobile App Design and Development

Department: Web and Mobile App Design and Development
Division: Creative Arts & Industries

OPTION(S)

- Post-Degree Diploma in Web and Mobile App, Designer Stream
- Post-Degree Diploma in Web and Mobile App, Developer Stream

GENERAL INFORMATION

This two-year post-degree diploma program focuses on web and mobile app design and development, from concept to deployment. The program encompasses visual aesthetics (including typography, colour theory, and graphics), client and server programming, user experience design, and project management.

Students will complete several projects, both individually and in teams. Throughout the four semesters of in-class studies, they will produce real-world projects, develop digital portfolios, and build industry connections.

Students will specialize in advanced development or design and, at the end of the program, will possess the technical and communication skills for jobs in freelance, small business, or corporate environments.

Students have a common set of courses throughout the program and specialize in one of two areas: designer or developer.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Bachelor's degree (or equivalent)

International Applicants: Bachelor's degree (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. Letter of Intent (maximum two pages) which answers the following questions:
   - Why are you interested in this program?
   - How can this program help you achieve your career goals?Submit in PDF format.
2. Admission to the program does not guarantee registration in required courses.

Please refer to the program application dates on the Application Information page.

POST-DEGREE DIPLOMA IN WEB AND MOBILE APP, DESIGNER STREAM

CURRICULUM

TOTAL PROGRAM CREDITS: 60

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4800	3
WMDD 4811	3
WMDD 4815	3
WMDD 4820	3
WMDD 4825	3

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4835	3
WMDD 4840	3
WMDD 4850	3
WMDD 4885	3
One of	
CMNS 4800	3
WMDD 4860	3

TERM THREE (TOTAL CREDITS: 15)

Course No.	Credit
All of	
WMDD 4900	3
WMDD 4905	3
WMDD 4925	3
WMDD 4961	3
WMDD 4980	3

TERM FOUR (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4910	3
WMDD 4915	3
WMDD 4970	3
WMDD 4985	3
WMDD 4997	3

Notes:

1. Students must achieve a minimum "C" grade in all courses in the program to graduate.
2. Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.

POST-DEGREE DIPLOMA IN WEB AND MOBILE APP, DEVELOPER STREAM

CURRICULUM

TOTAL PROGRAM CREDITS: 60

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4800	3
WMDD 4811	3
WMDD 4815	3
WMDD 4820	3
WMDD 4825	3

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4835	3
WMDD 4840	3
WMDD 4855	3
WMDD 4885	3
One of	
CMNS 4800	3
WMDD 4860	3

TERM THREE (TOTAL CREDITS: 15)

Course No.	Credit
All of	
WMDD 4921	3
WMDD 4930	3
WMDD 4936	3
WMDD 4961	3
WMDD 4980	3

TERM FOUR (TOTAL CREDITS: 15)

Course No.	Credit
All of	
WMDD 4940	3
WMDD 4945	3
WMDD 4950	3
WMDD 4985	3
WMDD 4998	3

Notes:

1. Students must achieve a minimum "C" grade in all courses in the program to graduate.
2. Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.

Access Langara

Department: English
Division: Humanities

OPTION(S)

- Citation in Access Langara

GENERAL INFORMATION

Access Langara supports students who require additional instruction in English language and composition as they begin their post-secondary studies at Langara College.

ADMISSION REQUIREMENTS

1. Successful completion of BC Grade 12 or equivalent (12 years of formal education)

2. One of the following:

- LEAP 6 completion;
- IELTS 6.5; or
- TOEFL iBT 80;

or for domestic students:

- Be at least 19 years of age by the first day of the first semester of attendance; or
- Successful completion of an ABE (Adult Basic Education) or GED (General Educational Development) program.

Note

Normally, students with LETN 02 or LET 2 or above are not eligible to take ACCESS Langara.

CITATION IN ACCESS LANGARA

CURRICULUM
TOTAL CREDITS: 15

TERM ONE

Course No.	Credits
ENGL 1106	6
Students may take four additional credits	4

TERM TWO

Course No.	Credits
ENGL 1120	3
Students may take seven additional credits	7

TERM THREE

Students may take 10 additional credits	10

Notes:

1. Students who successfully complete ENGL 1106 and 1120 and a minimum of six additional credits will be eligible for a Citation in Access Langara.
2. Students must remain registered in ENGL 1106 (Term One) and 1120 (Term Two) to maintain their registration in other regular studies courses.
3. Access Langara students are required to be enrolled in specific courses in each term. The Access Langara coordinator will ensure registration in the appropriate classes.
4. The Access Langara coordinator will manually review registration before the tuition drop date, and any student who is not enrolled in the appropriate Access Langara course will be dropped from all courses.
5. The Access Langara coordinator will manually review registration in the second week of classes, and if a student is not enrolled in the appropriate Access Langara course they will be dropped from all courses. The student will be liable for all expenses.

Art History

Department: Art History & Religious Studies
Division: Humanities

OPTION(S)

- Certificate in Art History

GENERAL INFORMATION

The Certificate in Art History is intended for students in all disciplines who are interested in developing visual literacy, an indispensable skill that will allow them to recognize, interpret, and appreciate meaning in our image-saturated world.

Studying the material and visual world and its production will allow students to better appreciate the connection between the past and the contemporary present, while also cultivating social awareness in relation to the politics of representation and display. While gaining expertise in visual analysis, research, impacts of various historical contexts, and art historical methodologies, students will also gain invaluable skills highly valued by today's employers. These include critical awareness, problem solving skills, attention to detail, effective communication (verbal and written), the ability to work independently under time constraints, and the skill to critically analyze and interpret information from a wide range of sources.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

CERTIFICATE IN ART HISTORY

CURRICULUM
TOTAL CREDITS: 30

Course No.	Credits
One of	
AHIS 1112 and	3
AHIS 1212	3
AHIS 1114 and	3
AHIS 1214	3
AHIS 1301 and	3
AHIS 1302	3
12 credits of AHIS (may include FINA 2150 and/or 2250)	12
12 credits of university-transferable electives	12

Notes:

1. Students wanting to pursue further study in art history should check with the institution to which they want to transfer to determine the course requirements of that institution.

Canadian Studies

Department: Interdisciplinary Studies
Division: Humanities

OPTION(S)

- Associate of Arts Degree in Canadian Studies
- Diploma in Arts and Science (Canadian Studies)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN CANADIAN STUDIES

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
ENGL 2225	3
HIST 1116	3
HIST 1126	3
Two of	
CNST 1110	3
CNST 1120	3
CNST 1130	3
CNST 1140	3
CNST 1150	3

One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
Five of (Maximum of two courses in any one subject area.)	
ANTH 1150	3
ANTH 1180	3
ANTH 2240	3
ECON 1221	3
FREN 1115	3
FREN 1117	3
FREN 1118	3
FREN 1119	3
FREN 1205	3
FREN 1215	3
FREN 1217	3
FREN 1219	3
GEOG 1120	3
GEOG 1130	3
GEOG 1150	3
GEOG 1155	3
HIST 1161	3
HIST 2207	3
HIST 2217	3
HIST 2269	3
HKIN 2261	3
PHIL 2226	3
POLI 1119	3
POLI 2209	3
POLI 2219	3
SOCI 1121	3
WMST 1116	3
WMST 1216	3
or any additional CNST courses	

Attendance at a three-part series of lectures on Canadian topics CNST 1105 (0 credit - no tuition fee) or satisfactory completion of one special project specifically related to Canadian studies, to be determined and supervised by the Interdisciplinary Studies department.

DIPLOMA IN ARTS AND SCIENCE (CANADIAN STUDIES)

CURRICULUM

Within the framework of the general requirements of the diploma in arts and science, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
ENGL 2225	3
HIST 1116	3
HIST 1126	3
Two of	
CNST 1110	3
CNST 1120	3
CNST 1130	3
CNST 1140	3
CNST 1150	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
Five of (Maximum of two courses in any one subject area.)	
ANTH 1150	3
ANTH 1180	3
ANTH 2240	3
ECON 1221	3
FREN 1115	3
FREN 1117	3
FREN 1118	3
FREN 1119	3
FREN 1205	3
FREN 1215	3
FREN 1217	3
FREN 1219	3
GEOG 1120	3
GEOG 1130	3
GEOG 1150	3
GEOG 1155	3
HIST 1161	3
HIST 2207	3
HIST 2217	3
HIST 2269	3
HKIN 2261	3
PHIL 2226	3
POLI 1119	3
POLI 2209	3
POLI 2219	3
SOCI 1121	3
WMST 1116	3
WMST 1216	3
or any additional CNST courses	

Attendance at a three-part series of lectures on Canadian topics CNST 1105 (0 credit - no tuition fee) or satisfactory completion of one special project specifically related to Canadian studies, to be determined and supervised by the Interdisciplinary Studies department.

Classical Studies

Department: Interdisciplinary Studies
Division: Humanities

OPTION(S)

- Associate of Arts Degree in Classical Studies
- Diploma in Arts and Science (Classical Studies)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN CLASSICAL STUDIES

The Associate of Arts Degree in Classical Studies gives students an opportunity to study many aspects of the civilizations of Greece and Rome.

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
CLST 1105	0
CLST 1110	3
CLST 1120	3
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3

ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
GREK 1115 and	3
GREK 1215	3
HIST 2210 and	3
HIST 2211	3
LATN 1115 and	3
LATN 1117	3
Four of	
AHIS 1114	3
AHIS 1120	3
AHIS 1214	3
ANTH 1170	3
ANTH 1221	6
ANTH 1222	3
ANTH 1223	3
ANTH 1400	3
ANTH 2220	3
ANTH 2250	3
ANTH 2270	3
CLST 1102	3
CLST 1125	3
CLST 2230	3
CLST 2276	3
ENGL 1181	3
ENGL 2222	3
ENGL 2237 [1]	3
HIST 1113	3
HIST 1114	3
HIST 1123	3
HIST 1190	3
HIST 1195 [1]	3
HIST 2236	3
HIST 2250	3
HIST 2252	3
HIST 2295 [1]	3
LATN 1101	3
LATN 2225	3
LATN 2227	3
PHIL 1100 [2] or	3
PHIL 1101 [2]	3
PHIL 1125	3
RELS 1230	3

Notes:

1. Designated sections only. Please contact the program coordinator prior to registration to confirm the section contains a sufficient amount of classical studies content to be used as a designated section for program requirements.
2. Completion of PHIL 1100 or 1101 requires prior approval from the program co-ordinator.

DIPLOMA IN ARTS AND SCIENCE (CLASSICAL STUDIES)

The Diploma in Arts and Science (Classical Studies) gives students an opportunity to study many aspects of the civilizations of Greece and Rome.

CURRICULUM

Within the framework of the general requirements of the diploma in arts and science, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
CLST 1105	0
CLST 1110	3
CLST 1120	3
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
GREK 1115 and	3
GREK 1215	3
HIST 2210 and	3
HIST 2211	3
LATN 1115 and	3
LATN 1117	3
Four of	
AHIS 1114	3
AHIS 1120	3
AHIS 1214	3
ANTH 1170	3
ANTH 1221	6
ANTH 1222	3
ANTH 1223	3
ANTH 1400	3
ANTH 2220	3
ANTH 2250	3
ANTH 2270	3
CLST 1102	3
CLST 1125	3
CLST 2230	3
CLST 2276	3
ENGL 1181	3
ENGL 2222	3
ENGL 2237 [1]	3
HIST 1113	3
HIST 1114	3
HIST 1123	3
HIST 1190	3
HIST 1195 [1]	3
HIST 2236	3
HIST 2250	3
HIST 2252	3
HIST 2295 [1]	3
LATN 1101	3
LATN 2225	3
LATN 2227	3
PHIL 1100 [2] or	3
PHIL 1101 [2]	3
PHIL 1125	3
RELS 1230	3

Notes:

1. Designated sections only. Please contact the program coordinator prior to registration to confirm the section contains a sufficient amount of classical studies content to be used as a designated section for program requirements.
2. Completion of PHIL 1100 or 1101 requires prior approval from the program co-ordinator.

Creative Writing

Department: English
Division: Humanities

OPTION(S)

- Associate of Arts Degree in Creative Writing

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN CREATIVE WRITING

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
All of	
ENGL 2223	3
ENGL 2224	3
One of	
ENGL 2225	3
ENGL 2227	3
ENGL 2230	3
ENGL 2231	3
ENGL 2233	3
ENGL 2234	3
ENGL 2235	3
ENGL 2237	3
ENGL 2238	3
ENGL 2239 [1]	3
ENGL 2327	3
ENGL 2330	3
ENGL 2430	3
Three of	
ENGL 2236	3
ENGL 2246	3
ENGL 2256	3
ENGL 2266	3
ENGL 2276	3

Note:

1. ENGL 2239 is recommended for students who wish to take ENGL 2266.

English

Department: English
Division: Humanities

OPTION(S)

- Associate of Arts Degree in English

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN ENGLISH

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
All of	
ENGL 2223	3
ENGL 2224	3

Four of	
ENGL 2225	3
ENGL 2227	3
ENGL 2230	3
ENGL 2231	3
ENGL 2233	3
ENGL 2234	3
ENGL 2235	3
ENGL 2237	3
ENGL 2238	3
ENGL 2239	3
ENGL 2327	3
ENGL 2330	3
ENGL 2430	3
one of ENGL 1125	
ENGL 1135, ENGL 1181	
ENGL 1191, ENGL 2236	
ENGL 2246, ENGL 2256	
ENGL 2266, ENGL 2276	3

Environmental Studies

Department: Interdisciplinary Studies
Division: Humanities

OPTION(S)

- Associate of Arts Degree in Environmental Studies
- Associate of Science Degree in Environmental Studies
- Diploma in Arts and Science (Environmental Studies)
- Citation in Environmental Studies

GENERAL INFORMATION

Environmental studies is an interdisciplinary program offering students the opportunity to obtain a solid grasp of the physical principles governing the form and function of the Earth and the social aspects affecting the nature of human impact on the environment. Program participants will also gain critical thinking skills, analytical ability, a deeper understanding of environmental issues, and a sense of local and global awareness, preparing them to address complex environmental issues.

All courses have university-transfer credit providing students with the option of further study should they wish to obtain a university degree in environmental studies or other arts and science disciplines. Block transfer agreements with BC universities allow entry into the third year of certain programs.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN ENVIRONMENTAL STUDIES

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
ENVS 1105	0
ENVS 2100	3
ENVS 2410	3
ENVS 2470	3
GEOG 1155	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
Nine of	
ABST 1206	3
ABST 1207	3
ABST 2230	3
ABST 2240	3
ANTH 1120	3
ANTH 1132	3
ANTH 1180	3
ANTH 2240	3
APPL 2310 [1]	3
CMNS 1115	3
CMNS 1118	3
CMNS 2228	3
ECON 1110	3
ECON 1220	3
ECON 1221	3
GEOG 2155	3
GEOG 2230	3
GEOG 2250	3
HIST 2215	3
HIST 2217	3
HIST 2260	3
PHIL 1100	3
PHIL 1104	3
PHIL 1120	3
PHIL 2202	3
PHIL 2210	3
POLI 1119	3
POLI 1140	3
POLI 1250	3
POLI 2229	3
POLI 2240	3
POLI 2245	3
SOCI 1126	3
SOCI 2240	3

Four of	
BIOL 1115 or	4
BIOL 1118	4
BIOL 1215 or	4
BIOL 1218	4
CHEM 1117 or	4
CHEM 1120 or	4
CHEM 1121	4
CHEM 1217 or	4
CHEM 1220 or	4
CHEM 1221	4
GEOG 1180	3
GEOG 1190 or	3
GEOL 1107 [2]	3
One of	
CPSC , MATH, or STAT	3

Notes:

1. Students should consult with the Langara College Calendar and the applied planning co-ordinator about the prerequisites for APPL 2310.
2. At some institutions, GEOG 1190 and GEOL 1107 are considered identical courses. Students who take GEOG 1190 and GEOL 1107 may not receive transfer credit for both courses. Please consult the BCCAT transfer guide or Langara Geography department.
3. When choosing courses, students should consult the associate of arts general requirements to ensure they choose a selection of courses that meet these requirements.

ASSOCIATE OF SCIENCE DEGREE IN ENVIRONMENTAL STUDIES

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 62 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
CHEM 1120	4
CHEM 1220	4
ENVS 1105	0
ENVS 2100	3
ENVS 2410	3
ENVS 2470	3
GEOG 1155	3
GEOG 1180	3
One of	
GEOG 1190	3
GEOL 1107 [1]	3
Five of	
BIOL 2286	3
BIOL 2315	4
BIOL 2340	4
BIOL 2370	4
BIOL 2380	4
BIOL 2415	4
BIOL 2440	4
BIOL 2450	4
BIOL 2470	4
BIOL 2480	4
CHEM 2222	4
CHEM 2250	4
CHEM 2316	4
CHEM 2416	4
GEOG 2210	3
GEOG 2290	3
GEOL 2207	3

Notes:

1. At some institutions, GEOG 1190 and GEOL 1107 are considered identical courses. Students who take GEOG 1190 and GEOL 1107 may not receive transfer credit for both courses. Please consult the BCCAT transfer guide or Langara Geography department.
2. When choosing courses, students must consult the associate of science general requirements to ensure they choose a selection of courses that meet these requirements.

DIPLOMA IN ARTS AND SCIENCE (ENVIRONMENTAL STUDIES)

CURRICULUM

Within the framework of the general requirements of the diploma in arts and science, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
ENVS 1105	0
ENVS 2100	3
ENVS 2410	3
ENVS 2470	3
GEOG 1155	3
GEOG 1180	3
One of	
BIOL 1115	4
BIOL 1118	4
One of	
BIOL 1215	4
BIOL 1218	4
One of	
CHEM 1117	4
CHEM 1120	4
One of	
CHEM 1217	4
CHEM 1220	4
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
GEOG 1190	3
GEOL 1107 [6]	3
Eight of	
ABST 1206	3
ABST 1207	3
ABST 2230	3
ABST 2240	3
ANTH 1120	3
ANTH 1132	3
ANTH 1180	3
ANTH 2240	3
APPL 2310 [4]	3
BIOL 1115	4
BIOL 1118	4
BIOL 1185	3
BIOL 1215	4
BIOL 1218	4
BIOL 2286	3
BIOL 2315	4
BIOL 2340	4
BIOL 2370	4
BIOL 2380	4
BIOL 2415	4
BIOL 2440	4
BIOL 2450	4
BIOL 2470	4
BIOL 2480	4
CHEM 1117	4
CHEM 1120	4
CHEM 1121	4
CHEM 1217	4
CHEM 1220	4
CHEM 1221	4
CHEM 2222	4
CHEM 2250	4
CHEM 2316	4
CHEM 2416	4
CMNS 1115	3
CMNS 1118	3
CMNS 2228	3
ECON 1220	3
ECON 1221	3
ENGL 2237 [5]	3
GEOG 1120	3
GEOG 1130	3
GEOG 1150	3
GEOG 2155	3
GEOG 2210	3
GEOG 2230	3
GEOG 2250	3
GEOG 2290	3
GEOL 2207	3
HIST 2215	3
HIST 2217	3
HIST 2260	3

PHIL 1100	3
PHIL 1104	3
PHIL 1120	3
PHIL 2202	3
PHIL 2210	3
POLI 2240	3
POLI 2245	3
SOCI 1126	3
SOCI 2240	3
STAT 1124	3
First-year university-transferable MATH course (maximum of two courses)	3
First-year university-transferable PHYS course (maximum of two courses)	3

Notes:

1. When choosing courses, students should consult the Diploma in Arts and Science general requirements to ensure they choose a selection of courses that meet these requirements.
2. Two electives may be chosen from other Langara College course offerings with approval of the program co-ordinator.
3. Students who have taken PHIL 1105, POLI 2219, or STAT 1123, 1127, or 1128 prior to the Fall Semester 2007 may use these courses as electives.
4. Students should consult with the Langara College Calendar and the applied planning co-ordinator about the prerequisites for APPL 2310.
5. The content of ENGL 2237 varies with the instructor and the semester. Only sections with significant environmental studies content may be counted towards the diploma.
6. At some institutions, GEOG 1190 and GEOL 1107 are considered identical courses. Students who take GEOG 1190 and GEOL 1107 may not receive transfer credit for both courses. Please consult the BCCAT transfer guide or Langara Geography department.
7. Selection of courses is critical to those students planning to proceed beyond the two-year program. Consultation with the environmental studies co-ordinator is highly advised. (For example: BIOL 1118 and 1218, CHEM 1117 and 1217 transfer as science credit for non-science majors. Those considering a science degree should register in BIOL 1115 and 1215, CHEM 1120 and 1220).

CITATION IN ENVIRONMENTAL STUDIES

The Citation in Environmental Studies is designed for students who have completed a number of courses relating to environmental issues while pursuing a diploma, associate degree, or bachelor's degree in another subject area.

CURRICULUM

Students must complete at least five of the following courses, with a maximum of two courses in any one subject area.

TOTAL CREDITS: 15

Course No.	Credits
Five of	
ABST 1206	3
ABST 1207	3
ABST 2230	3
APPL 2310	3
BIOL 1115	4
BIOL 1118	4
BIOL 1185	3
BIOL 1215	4
BIOL 1218	4
BIOL 2315	4
BIOL 2340	4
BIOL 2370	4
BIOL 2380	4
BIOL 2415	4
BIOL 2440	4
BIOL 2450	4
BIOL 2470	4
BIOL 2480	4
CHEM 1117	4
CHEM 1120	4
CHEM 1121	4
CHEM 1217	4
CHEM 1220	4
CHEM 1221	4
CHEM 2222	4
CHEM 2250	4
CHEM 2316	4
CHEM 2416	4
ECON 1110	3
ECON 2260	3
ENGL 2237 [2]	3
ENVS 2100	3
ENVS 2410	3
ENVS 2470	3
GEOG 1120	3
GEOG 1130	3
GEOG 1150	3
GEOG 1155	3
GEOG 1180	3
GEOG 1190 [3]	3
GEOG 2155	3
GEOG 2230	3
GEOG 2290	3
GEOL 1107 [3]	3
GEOL 2207	3
HIST 2215	3
HIST 2217	3
HIST 2260	3
PHIL 1120	3
PHIL 2210	3
POLI 2240	3
SOCI 1126	3
SOCI 2240	3

Notes:

1. Students may choose one course from other Langara College course offerings with approval of the program co-ordinator.
2. The content of ENGL 2237 varies with the instructor and the semester. Only sections with significant environmental studies content may be counted towards the citation.
3. Students may count only one of GEOG 1190 or GEOL 1107 towards the citation.

Family Studies

Department: Interdisciplinary Studies
Division: Humanities

OPTION(S)

- Associate of Arts Degree in Family Studies
- Diploma in Arts and Science (Family Studies)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN FAMILY STUDIES

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
FMST 1115	3
HIST 1155	3
PHIL 1100	3
PSYC 2319	3
SOCI 2250	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
ENGL 2222	3
ENGL 2225 (approved section)	3
ENGL 2234	3
ENGL 2237 (approved section)	3
Three of	
ANTH 1120	3
CLST 1102	3
CMNS 1115	3
PCCN 1202	3
PSYC 2323	3
PSYC 2324	3
PSYC 2424	3
PSYC 2425	3
PSYC 2426	3
WMST 1116 or	3
WMST 1216	3
WMST 1195	3

Attendance in FMST 1105 (0 credits) or completion of a supervised project on a topic related to marriage and/or family issues.

DIPLOMA IN ARTS AND SCIENCE (FAMILY STUDIES)

The two-year Diploma in Arts and Science (Family Studies) is for individuals interested in understanding the nature of long-term relationships to further personal and/or career objectives. It is the only such program offered in the BC college system.

A Diploma in Arts and Science (Family Studies) requires a minimum of 60 credit hours of study. Up to 15 credit hours may include courses from the career and kinesiology course selections. Students must achieve a minimum "C" GPA in the program's core course offerings to be awarded a diploma. As part of the Interdisciplinary Studies department, the broad range of courses provides students with a sound basis for continuing their studies in a variety of academic disciplines including psychology, sociology, education, social work, and family sciences.

Selections from the program's offerings, taken in conjunction with Langara College's Certificate in Social Service Worker, would allow a student to receive a co-ordinated diploma.

CURRICULUM

Within the framework of the general requirements of the diploma in arts and science, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
FMST 1115	3
HIST 1155	3
PHIL 1100	3
PSYC 2319	3
SOCI 2250	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
ENGL 2222	3
ENGL 2225 (approved section)	3
ENGL 2234	3
ENGL 2237 (approved section)	3
Three of	
ANTH 1120	3
CLST 1102	3
CMNS 1115	3
PCCN 1202	3
PSYC 2323	3
PSYC 2324	3
PSYC 2424	3
PSYC 2425	3
PSYC 2426	3
WMST 1116 or	3
WMST 1216	3
WMST 1195	3

Attendance in FMST 1105 (0 credits) or completion of a supervised project on a topic related to marriage and/or family issues.

Latin American Studies

Department: Interdisciplinary Studies
Division: Humanities

OPTION(S)

- Associate of Arts Degree in Latin American Studies
- Diploma in Arts and Science (Latin American Studies)
- Citation in Latin American Studies

GENERAL INFORMATION

The Latin American studies program explores geographically and culturally diverse regions of Latin America and its rich history and contemporary significance. In a globalizing world in which our societies and economies are increasingly intertwined and interdependent, there is growing demand for people with such international knowledge and understanding. Introductory core courses are team taught by instructors from different backgrounds and focus on the history, culture, and political economy of Latin America. Elective courses can be selected from a range of disciplines.

The Latin American studies program provides students with a broad background and basic knowledge that can be applied to a variety of work opportunities in Canada or abroad, such as working with NGOs, social work and/or community development groups, or international business. Students may also transfer the diploma or associate degree to university in order to pursue a bachelor's degree in Latin American studies or in a related discipline.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN LATIN AMERICAN STUDIES

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
LAMS 1100	3
Three of	
LAMS 1101	3
LAMS 1102	3
LAMS 1104	3
LAMS 2203	3
LAMS 2205	3
LAMS 2206	3
Three of	
AHIS 1111	3
ANTH 1160	3
ANTH 2234	3
GEOG 2250	3
LAMS 1101	3
LAMS 1102	3
LAMS 1104	3
LAMS 2203	3
LAMS 2205	3
LAMS 2206	3
PCCN 1201 or	3
POLI 1145	3
PCCN 1202	3
POLI 1140	3
POLI 1250	3
POLI 2240	3
SPAN 1115 or	3
SPAN 1205 or	3
SPAN 1215 or	3
SPAN 2119 or	3
SPAN 2219	3
WMST 1195	3

Notes:

1. No course may be used to meet more than one of the specific requirements.

DIPLOMA IN ARTS AND SCIENCE (LATIN AMERICAN STUDIES)

CURRICULUM

Within the framework of the general requirements of the Diploma in Arts and Science, students must complete a minimum of 60 credits including:

Course No.	Credits
LAMS 1100	3
Three of	
LAMS 1101	3
LAMS 1102	3
LAMS 1104	3
LAMS 2203	3
LAMS 2205	3
LAMS 2206	3
Three of	
AHIS 1111	3
ANTH 1160	3
ANTH 2234	3
GEOG 2250	3
LAMS 1101	3
LAMS 1102	3
LAMS 1104	3
LAMS 2203	3
LAMS 2205	3
LAMS 2206	3
PCCN 1201 or	3
POLI 1145	3
PCCN 1202	3
POLI 1140	3
POLI 1250	3
POLI 2240	3
SPAN 1115 or	3
SPAN 1205 or	3
SPAN 1215 or	3
SPAN 2119 or	3
SPAN 2219	3
WMST 1195	3

Notes:

1. No course may be used to meet more than one of the specific requirements.

CITATION IN LATIN AMERICAN STUDIES

CURRICULUM

The Citation in Latin American Studies recognizes students who have completed a minimum of 15 credits of study with a focus on courses in Latin American studies and Spanish.

TOTAL CREDITS: 15

Course No.	Credits
LAMS 1100	3
One of	
AHIS 1111	3
ANTH 1160	3
ANTH 2234	3
GEOG 2250	3
LAMS 1101	3
LAMS 1102	3
LAMS 1104	3
LAMS 2203	3
LAMS 2205	3
LAMS 2206	3
PCCN 1201 or	3
POLI 1145	3
PCCN 1202	3
POLI 1140	3
POLI 1250	3
POLI 2240	3
SPAN 1115 or	3
SPAN 1205 or	3
SPAN 1215 or	3
SPAN 2119 or	3
SPAN 2219	3
WMST 1195	3
Three of	
LAMS 1101	3
LAMS 1102	3
LAMS 1104	3
LAMS 2203	3
LAMS 2205	3
LAMS 2206	3
SPAN 1115 or	3
SPAN 1205 or	3
SPAN 1215 or	3
SPAN 2119 or	3
SPAN 2219	3

Notes:

1. No course may be used to meet more than one of the specific requirements.

Peace & Conflict Studies

Department: Interdisciplinary Studies
Division: Humanities

OPTION(S)

- Associate of Arts Degree in Peace and Conflict Studies
- Diploma in Arts and Science (Peace and Conflict Studies)

GENERAL INFORMATION

Peace and conflict studies (PACS) is an interdisciplinary field of study which is concerned with the problem of human conflict, especially violent and destructive conflict, and the means by which it can be constructively and nonviolently resolved. Its interdisciplinary approach to analysis draws on the perspectives of the social sciences, history, and philosophy. Guest lecturers from these academic disciplines, as well as guests from the active world of conflict resolution, politicians, and peace leaders, will enhance the associate degree/diploma and core courses, POLI 1145 (PCCN 1201) and PCCN 1202. Each of the courses listed as requirements for the associate degree and diploma in peace and conflict studies adds to an understanding of this most complex and pressing human issue.

A specialization in this field can lead to further academic study in peace and conflict, a growing area in graduate programs in North American universities. Peace and conflict studies is also an appropriate preparation for the following career areas: politics and diplomacy, international relief and development, community and social services, public and private administration, counselling, law and corrections, and education.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN PEACE AND CONFLICT STUDIES

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
PCCN 1105	0
PCCN 1202	3
POLI 1145	3
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
Six of	
ANTH 1120	3
ANTH 2260	3
ANTH 2270	3
ASIA 1120 or	3
RELS 1120	3
BIOL 1118	4
BIOL 1185	3
CHEM 1117	4
CHEM 1217	4
CNST 1120	3
CNST 1130	3
CNST 1140	3
ECON 1119	3
ENVS 2390	3
ENVS 2410	3
GEOG 1155	3
GEOG 1160	3

HIST 1114	3
HIST 1115	3
HIST 1117	3
HIST 2229	3
HIST 2241	3
HIST 2242	3
HIST 2245	3
HIST 2255	3
HIST 2260	3
LAMS 2203	3
LAMS 2206	3
PHIL 1100	3
PHIL 1105	3
PHIL 2226	3
PSYC 1115	3
PSYC 1215	3
PSYC 2317	3
PSYC 2319	3
PSYC 2322	3
PSYC 2323	3
PSYC 3220	3
PSYC 3230	3
RELS 1220	3
SOCI 1120	3
SOCI 1121	3
SOCI 1126	3
SOCI 1130	3
SOCI 2210	3
SOCI 2220	3
SOCI 2222	3
SOCI 2223	3
SOCI 2225	3
SOCI 2240	3
SOCI 2250	3
WMST 1116	3
WMST 1195	3
WMST 1216	3
WMST 1220	3
WMST 1230	3
WMST 2272	3

Notes:

1. As part of the science requirement of the associate degree, students are advised to take two courses from: BIOL 1118, 1185, CHEM 1117, or 1217.
2. No more than two courses from any one subject area.

DIPLOMA IN ARTS AND SCIENCE (PEACE AND CONFLICT STUDIES)

CURRICULUM

Within the framework of the general requirements of the diploma in arts and science, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
PCCN 1105	0
PCCN 1202	3
POLI 1145	3
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
Six of (No more than two courses from any one subject area)	
ANTH 1120	3
ANTH 2260	3
ANTH 2270	3
ASIA 1120 or	3
RELS 1120	3
BIOL 1118	4
BIOL 1185	3
CHEM 1117	4
CHEM 1217	4
CNST 1120	3
CNST 1130	3
CNST 1140	3
ECON 1119	3
ENVS 2390	3
ENVS 2410	3
GEOG 1155	3
GEOG 1160	3
HIST 1114	3
HIST 1115	3
HIST 1117	3
HIST 2229	3
HIST 2241	3
HIST 2242	3
HIST 2245	3
HIST 2255	3
HIST 2260	3
LAMS 2203	3
LAMS 2206	3
PHIL 1100	3
PHIL 1105	3
PHIL 2226	3
PSYC 1115	3
PSYC 1215	3
PSYC 2319	3
PSYC 2322	3
PSYC 2323	3
PSYC 3220	3
PSYC 3240	3
RELS 1220	3
SOCI 1120	3
SOCI 1121	3
SOCI 1126	3
SOCI 1130	3
SOCI 2210	3
SOCI 2220	3
SOCI 2222	3
SOCI 2223	3
SOCI 2225	3
SOCI 2240	3
SOCI 2250	3
WMST 1116	3
WMST 1195	3
WMST 1216	3
WMST 1220	3
WMST 1230	3
WMST 2272	3

Philosophy

Department: Philosophy
Division: Humanities

OPTION(S)

- Associate of Arts Degree in Philosophy

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN PHILOSOPHY

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
PHIL 1100	3
PHIL 1102	3
One of	
PHIL 1101	3
PHIL 1103	3
One of	
PHIL 2201	3
PHIL 2203	3
One of	
PHIL 2202	3
PHIL 2210	3
PHIL 2226	3
At least two courses of other PHIL courses [1,2]	6

Notes:

1. Students may choose courses from the PHIL courses listed above if they were not used to meet the requirements of that section, e.g. students who have taken PHIL 1101 and 2201 may take PHIL 1103 and 2203 to meet the "six credits of other PHIL courses" requirement.
2. Students who are planning to major in philosophy are encouraged to take PHIL 1125, 2201, and 2203.

Women's Studies

Department: Interdisciplinary Studies
Division: Humanities

OPTION(S)

- Associate of Arts Degree in Women's Studies
- Diploma in Arts and Science (Women's Studies)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN WOMEN'S STUDIES

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
WMST 1105 (Colloquium - no credits and no fee)	0
WMST 1116	3
WMST 1216	3
One of	
WMST 2270	3
WMST 2272	3
WMST 2274	3

Three of	
WMST 1195	3
WMST 1220	3
WMST 1230	3
WMST 2270 or	3
WMST 2272 or	3
WMST 2274	3
(whichever was not already taken)	

Certain sections of the following courses. These course/sections must contain a minimum 30% women's studies content (please see the program co-ordinator for further information):
ABST 1115, 1116, AHIS 1112, 1113, 1114, 1115, 1117, 1119, 1212, 1214, 1215, 1301, 1302, ANTH 2260, CLST 1102, CNST 1120, 1130, 1140, CRIM 1213, ECON 1119, ENGL 2234, 2237, 2256, HIST 1116, 1126, 1155, LAMS 1101, PCCN 1202, POLI 2275, RELS 1220, 1230, SOCI 1121, 2220, and 2250.

DIPLOMA IN ARTS AND SCIENCE (WOMEN'S STUDIES)

CURRICULUM

Within the framework of the general requirements of the diploma in arts and science, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
WMST 1105 (Colloquium - no credits and no fee)	0
WMST 1116	3
WMST 1216	3
One of	
WMST 2270	3
WMST 2272	3
WMST 2274	3
Three of	
WMST 1195	3
WMST 1220	3
WMST 1230	3
WMST 2270 or	3
WMST 2272 or	3
WMST 2274	3
(whichever was not already taken)	

Certain sections of the following courses. These course/sections must contain a minimum 30% women's studies content (please see the program co-ordinator for further information):
ABST 1115, 1116, AHIS 1112, 1113, 1114, 1115, 1117, 1119, 1212, 1214, 1215, 1301, 1302, ANTH 2260, CLST 1102, CNST 1120, 1130, 1140, CRIM 1213, ECON 1119, ENGL 2234, 2237, 2256, HIST 1116, 1126, 1155, LAMS 1101, PCCN 1202, POLI 2275, RELS 1220, 1230, SOCI 1121, 2220, and 2250.

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FACULTY OF MANAGEMENT

Arts (General)

OPTION(S)

- Associate of Arts Degree

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE

CURRICULUM

The associate of arts degree requires the successful completion of a minimum of 60 credits that have assigned or unassigned credit at Simon Fraser University, the University of British Columbia, the University of Victoria, or the University of Northern British Columbia.

Within the minimum 60 credits, students must complete:

1. Six credits in first-year English;
2. 36 credits in arts (including a minimum of 18 credits in arts at the second-year level taken in two or more subject areas) which must include:
   - Six credits in the social sciences;
   - Six credits in humanities (including the creative and performing arts) other than English;
   - 24 additional credits in arts;
3. Nine credits in science which shall include at least:
   - Three credits in mathematics or computing science or statistics;
   - Three credits in a laboratory science;
4. Nine credits of first- or second-year courses (Students may include university-transfer credit from career program and kinesiology and recreation courses); and
5. A minimum cumulative GPA of 2.0

No course may be used to meet more than one of the specific requirements.

In addition to the regular Associate of Arts Degree (Arts - General), Langara College offers associate of arts degrees in the following concentrations:

- Aboriginal Studies
- Asian Studies
- Canadian Studies
- Classical Studies
- Commerce and Business Studies
- Creative Writing
- English
- Environmental Studies
- Family Studies
- Geography
- Health Sciences
- History
- Latin American Studies
- Mathematics
- Peace and Conflict Studies
- Philosophy
- Political Science
- Psychology
- Women's Studies

ASSOCIATE DEGREE DEFINITIONS

FIRST-YEAR AND SECOND-YEAR COURSES

- A first-year course is defined as a course which has assigned or unassigned transfer credit at the 100-level at UBC, SFU, UVic, or UNBC.
- A second-year course is defined as a course which has assigned or unassigned transfer credit at the 200 level or higher at UBC, SFU, UVic, or UNBC.
- An arts course is defined to be any first- or second-year course in a subject area for which there is a baccalaureate of arts degree at UBC, SFU, UVic, or UNBC.
- A science course is defined as any first- or second-year course in a subject area for which there is a baccalaureate of science degree or baccalaureate of applied science degree at UBC, SFU, UVic, or UNBC.
- A laboratory science is one in which a substantial component of student instruction involves the study of natural phenomena.
- For a classification of Langara College courses, i.e., humanities, arts, social science, science, and lab science, see the online course descriptions.

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, 1107, 1108, 1110, 1120, MATH 1100, 1101, and 1150. COOP and EXPE courses may only be used to meet co-operative education and work experience requirements. Students can refer to the course descriptions for further information.

Students are assessed for graduation based on the semester that they started their program.

Arts and Science (General)

OPTION(S)

- Diploma in Arts and Science

GENERAL INFORMATION

The diploma in arts and science requirements allow for considerable flexibility in the choice of courses that a student may complete. Students can design their curriculum to meet their own needs or interests or to meet the requirements for further study. In addition to the general diploma in arts and science, Langara College offers diplomas in arts and science with the following concentrations:

- Aboriginal Studies
- Asian Studies
- Canadian Studies
- Classical Studies
- Commerce
- Environmental Studies
- Family Studies
- Health Sciences (Arts)
- Health Sciences (Science)
- Latin American Studies
- Peace and Conflict Studies
- Women's Studies

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

DIPLOMA IN ARTS AND SCIENCE

CURRICULUM

A minimum of 60 credits including:

1. Six credits of first-year, university-transferable English.
2. 39 credits of university-transferable courses that have science, social science, or humanities attributes [1]
3. 15 credits of any courses eligible to be used towards a Langara College credential2

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, 1107, 1108, 1110; MATH 1100 and 1101. COOP and EXPE courses may only be used to meet co-operative education requirements. Students can refer to the course descriptions for further information.

Students are assessed for graduation based on the semester that they started their program.

Science (General)

OPTION(S)

- Associate of Science Degree

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF SCIENCE DEGREE

CURRICULUM

The associate of science degree requires the successful completion of a minimum of 60 credits that have assigned or unassigned credit at Simon Fraser University, the University of British Columbia, the University of Victoria, or the University of Northern British Columbia.

Within the minimum 60 credits, students must complete:

1. Six credits of MATH which shall include at least one course (three credits) in calculus;
2. A minimum of 36 credits of science, which shall include at least:
   - Three credits in a laboratory science;
   - A minimum of 18 credits in science at the second-year level taken in two or more subject areas;
3. Six credits of first-year ENGL;
4. Six credits of first- or second-year arts other than ENGL (excluding MATH and laboratory-based science courses);
5. A minimum of six credits of first- or second-year arts, science, or other university-transfer courses. (Students may include university-transfer credit from career program and KINS and RECR course offerings); and
6. A minimum cumulative GPA of 2.0.

Notes:

No course may be used to meet more than one of the specific requirements.

In addition to the regular Associate of Science Degree (Science - General), Langara College offers associate of science degrees in the following concentrations:

- Bioinformatics
- Biology
- Chemistry
- Computer Science
- Environmental Studies
- Food and Nutrition
- Health Sciences
- Mathematics
- Physics

ASSOCIATE DEGREE DEFINITIONS

FIRST-YEAR AND SECOND-YEAR COURSES

- A first-year course is defined as a course which has assigned or unassigned transfer credit at the 100-level at UBC, SFU, UVic, or UNBC.
- A second-year course is defined as a course which has assigned or unassigned transfer credit at the 200 level or higher at UBC, SFU, UVic, or UNBC.
- An arts course is defined to be any first- or second-year course in a subject area for which there is a bachelor of arts degree at UBC, SFU, UVic, or UNBC.
- A science course is defined to be any first- or second-year course in a subject area for which there is a bachelor of science degree or a bachelor of applied science degree at UBC, SFU, UVic, or UNBC.
- A laboratory science is one in which a substantial component of student instruction involves the study of natural phenomena.
- For a classification of Langara College courses, i.e., humanities, social science, arts, science, and lab-science, see the online course description.

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, ENGL 1107, ENGL 1108, ENGL 1110, ENGL 1120, ENGL1121, MATH 1100, MATH 1101, and MATH 1150. COOP and EXPE courses may only be used to meet co-operative education requirements. Students can refer to the course descriptions for further information.
3. Courses used to fulfill the English requirement can include Communications (CMNS), English (ENGL), and Science Literacy (SCIE) courses that transfer to one or more of the B.C. Research Institutions (SFU, UBC, UBC-O, UVic, or UNBC) as English credit.
4. Students intending to complete an Associate of Science Degree and then transfer to another BC institution should consult with an Academic Advisor at Langara for assistance with course planning and preparing to transfer.
5. Individual courses may not be transferable to some institutions. Consult the BC Transfer Guide to determine transferability of individual courses.

Students are assessed for graduation based on the semester that they started their program.

MANAGEMENT PROGRAMS

Accounting

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Diploma in Accounting
- Diploma in Accounting (Co-operative Education)

GENERAL INFORMATION

The objective of this two-year diploma program is to prepare for careers in accounting. The curriculum includes a mix of business and academic courses that provide students with both the practical skills required in accounting and proficiency in business decision-making and analysis.

Graduates of this program who meet the minimum academic entrance requirements will:

- Be able to ladder into the Bachelor of Business Administration in Accounting; and
- Meet the prerequisite requirements for the CPA Canada Advanced Certificate in Accounting and Finance (ACAF).

DIPLOMA IN ACCOUNTING

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

Applicants who have attempted 24 credits or more of post-secondary study must have a cumulative grade point average of 2.00 or higher.

Applicant Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Application Deadlines

All admission requirements must be completed and documentation submitted by the following dates:

- **Fall Semester**: May 31
- **Spring Semester**: October 31
- **Summer Semester**: February 28

Please refer to the program application dates on the Application Information page.

CURRICULUM

To obtain a Diploma in Accounting, students will be required to attain 60 credits.

TOTAL CREDITS: 60

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1100	3
BUSM 1285	3
BUSM 1500	3
BUSM 2200	3
CMNS 1118	3
ECON 1220	3
ECON 1221	3
FMGT 1115	3
FMGT 1215	3
FMGT 1321	3
FMGT 2294	3
FMGT 2308	3
FMGT 2325	3
FMGT 2371	3
FMGT 2421	3
FMGT 2474	3
MATH 1118	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3

Note:

1. If students take FMGT 2293 instead of FMGT 1115 and 1215 they will be required to take any other BCAP, BUSM, FMGT, INTB, or MARK course (three credits).

DIPLOMA IN ACCOUNTING (CO-OPERATIVE EDUCATION)

ADMISSION REQUIREMENTS

Please see the business administration (BBA) information for admission requirements.

Admission Requirements

To be admitted and participate in the co-operative education option, students must:

- Be enrolled in three or more program courses (minimum nine credits), not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-op instructor; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

Also see co-operative education programs.

Students who wish to participate in this option must maintain above-average academic standing and demonstrate potential for success in their chosen professional field.

One four-month work term (a minimum of 420 hours) must be completed for a co-op designated diploma. Employers provide the co-op instructors with job descriptions to be posted. Students submit their resumés via the co-op instructor, who will submit the package to the employer and arrange job interviews. Students are strongly encouraged to start building their professional network and be an active participant in self-marketing to source their co-op work placements.

Employers make the hiring decisions and establish the working conditions, salary and benefits. The co-operative education option has proven to be of great benefit to students. Students have the opportunity to apply their knowledge, to develop skills in a practical work setting, and to gain related experience before commencing their professional careers.

CURRICULUM

To obtain a Diploma in Accounting (Co-operative Education), students will be required to attain 66 credits.

TOTAL PROGRAM CREDITS: 66

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1100	3
BUSM 1285	3
BUSM 1500	3
BUSM 2200	3
CMNS 1118	3
ECON 1220	3
ECON 1221	3
EXPE 2300 [1]	3
FMGT 1115	3
FMGT 1215	3
FMGT 1321	3
FMGT 2294	3
FMGT 2308	3
FMGT 2325	3
FMGT 2371	3
FMGT 2421	3
FMGT 2474	3
MATH 1118	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3

WORK TERM ONE (TOTAL CREDITS: 3)

Course No.	Credits
COOP 2301	3

Notes:

1. Formerly BUSM 2300 and COOP 2300.
2. Students are advised to review individual course descriptions for prerequisites. Not all courses will be offered in every semester; students should take care when planning their course schedule.
3. If students take FMGT 2293 instead of FMGT 1115 and 1215 they will be required to take any other BCAP, BUSM, FMGT, INTB, or MARK course (three credits).

Accounting (Post-Degree)

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Post-Degree Diploma in Accounting
- Post-Degree Diploma in Accounting (Co-operative Education)

GENERAL INFORMATION

The Post-Degree Diploma in Accounting and Post-Degree Diploma in Accounting (Co-operative Education) are for students who hold a bachelor's degree and wish to pursue a career in accounting. Applicants who do not hold a degree in business or commerce are advised that this is a very rigorous program. It meets the requirements for entry-level education of the Chartered Professional Accountants Professional Education Program (PEP).

The Post-Degree Diploma in Accounting and Post-Degree Diploma in Accounting (Co-operative Education) can be completed on a full- or part-time basis. Courses in this program will be offered daytime and/or evenings on weekdays.

POST-DEGREE DIPLOMA IN ACCOUNTING

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Bachelor's degree (or equivalent)

International Applicants: Bachelor's degree (or equivalent)

English Language Requirement

Category 2

Additional Requirements

A minimum "C" grade in a post-secondary level mathematics or precalculus course

Applicant Notes

1. Applicants must have a bachelor's degree from a recognized college or university. Preference may be given to graduates with non-accounting commerce degrees.
2. Admission to a program does not guarantee registration into required courses.

Please refer to the program application dates on the Application Information page.

CURRICULUM

This post-degree diploma may be completed in a minimum of four semesters of course work if taken on a full-time basis (60 credits).

This program will be offered in the daytime and/or evenings during weekdays over all three semesters of the year. Students must take note of the prerequisites for all courses.

TOTAL CREDITS: 60

Course No.	Credits
All of	
BCAP 4820	3
BUSM 4805	3
BUSM 4855	3
BUSM 4885	3
ECON 4800	3
ECON 4810	3
FMGT 4800	3
FMGT 4810	3
FMGT 4818	3
FMGT 4820	3
FMGT 4824	3
FMGT 4828	3
FMGT 4860	3
FMGT 4865	3
FMGT 4870	3
FMGT 4875	3
FMGT 4880	3
MATH 4800	3
STAT 4800	3
STAT 4810	3

Notes:

1. Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.
2. Students who graduate from this program with a minimum cumulative GPA of 2.33 with no course less than a "C" grade meet the minimum entry requirements for the Chartered Professional Accountant Professional Education Program (PEP).

GRADUATION REQUIREMENTS

Successful completion of the Post-Degree Diploma in Accounting requires a minimum program GPA of 2.33 (C+) with no course less than a "C" grade. The program comprises 60 credits of course work.

POST-DEGREE DIPLOMA IN ACCOUNTING (CO-OPERATIVE EDUCATION)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Bachelor's degree or equivalent

International Applicants: Bachelor's degree or equivalent

English Language Requirement

Category 2

Additional Requirements

All applicants must demonstrate their competence in quantitative and analytical skills with a minimum 60% grade or a minimum "C" grade in a mathematics or precalculus course at the post-secondary level.

Program Notes

1. Applicants must have a bachelor's degree from a recognized college or university. Preference may be given to graduates with non-accounting commerce degrees.
2. Admission to a program does not guarantee registration into required courses.

Please refer to the program application dates on the Application Information page.

CURRICULUM

This post-degree diploma may be completed in a minimum of four semesters of course work if taken on a full-time basis (63 credits) with an additional term of work experience (three credits) for students successfully completing COOP 4800 and meeting the required GPA of 2.33.

This program will be offered in the daytime and/or evenings during weekdays over all three semesters of the year. Students must take note of the prerequisites for all courses.

TOTAL CREDITS: 66

Course No.	Credits
All of	
BCAP 4820	3
BUSM 4805	3
BUSM 4855	3
BUSM 4885	3
COOP 4800	3
ECON 4800	3
ECON 4810	3
EXPE 4800	3
FMGT 4800	3
FMGT 4810	3
FMGT 4818	3
FMGT 4820	3
FMGT 4824	3
FMGT 4828	3
FMGT 4860	3
FMGT 4865	3
FMGT 4870	3
FMGT 4875	3
FMGT 4880	3
MATH 4800	3
STAT 4800	3
STAT 4810	3

Notes:

1. Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.
2. Students who graduate from this program with a minimum cumulative GPA of 2.33 with no course less than a "C" grade meet the minimum entry requirements for the Chartered Professional Accountant Professional Education Program (PEP).

CO-OPERATIVE EDUCATION REQUIREMENTS

For students to be eligible for the Co-op Work Placement term, they must successfully complete EXPE 4801, 4802, and 4803 and have an overall GPA of 2.33 on a minimum of 30 credits of program course work.

GRADUATION REQUIREMENTS

Successful completion of the Post-Degree Diploma in Accounting (Co-operative Education requires a minimum program GPA of 2.33 (C+) with no course less than a "C" grade. The program comprises 63 credits of course work plus three credits of work experience.

Business Administration (BBA)

Department: Langara School of Management
Division: Management Programs

Option(s)

- Bridging Courses (for Third-Year Entry)
- Regular and Co-operative Option
- Years Three and Four
- Co-operative Education Option

Concentrations

- Accounting
- Business Management
- International Business Management
- Marketing Management

GENERAL INFORMATION

The bachelor of business administration (BBA) is a degree program for students interested in careers in the fields of accounting, business, international business, or marketing. It is student-centered, and its primary aim is to give graduates real business skills - the skills that employers are looking for. The program can be completed in four years if taken on a full-time basis (five courses per semester); however, students have the flexibility of attending part-time if they so desire. The BBA is designed to give students maximum flexibility in delivery methods and schedules. Courses, particularly in the third and fourth year, are offered in the evening, on weekends, and online (in whole or in part).

The BBA has concentrations in accounting, business management, international business management, and marketing management. Each of these concentrations provides graduates with expertise in their subject area as well as a thorough understanding of all aspects of business. As well, students have the opportunity to take a variety of non-business courses so that they graduate with a well-rounded education. The BBA accounting concentration includes the requirements necessary to maximize exemptions for the professional accounting associations (CGA, CMA, CA).

In the first two years of the degree, students are advised to complete diploma requirements in one of the following programs: accounting, business management, financial management, or marketing management. Students who plan their courses accordingly may opt to exit after completing diploma requirements. Students who complete diploma and degree requirements will graduate with both credentials.

In keeping with the emphasis of providing students with real business skills, all concentrations of the BBA require that students complete an applied business project in their final semester and that they either participate in the co-operative education option or complete a 300-hour practicum (approved business experience may be used in lieu).

Cooperative Education Option

Students who wish to participate in this option must maintain above-average academic standing and demonstrate potential for success in their chosen professional field.

A minimum of three work terms (420 hours each) need to be completed for a co-op designated degree (two at the diploma level and at least one at the third- or fourth-year level). Employers provide the co-op instructors with job descriptions to be posted. Students submit their resumés via a co-op instructor, who will submit the package to the employer and arrange job interviews. Students are also strongly encouraged to start building their professional network and be an active participant in self-marketing to source their co-op work placements.

Employers make hiring decisions and establish working conditions, salary, and benefits. The co-operative education option has proven to be of great benefit to students. Students have the opportunity to apply their knowledge, to develop skills in a practical work setting, and to gain related experience before commencing their professional careers.

Student Progression and Maintenance of Standing Requirements

Please note that students are responsible for their maintenance of standing while enrolled in the bachelor of business administration. In order to progress to the third year of the BBA, students must:

- Achieve a minimum "C" grade in all bridging courses for their concentration; and
- Have a minimum CGPA of 2.33

Program students must maintain this CGPA (minimum 2.33) to continue in the third and the fourth years of the BBA. Students unable to attain this minimum will not be permitted to advance. Furthermore, students must achieve a minimum CGPA of 2.33 and a minimum "C" grade in all core business-related third- and fourth-year courses (BCAP, BUSM, FMGT, INTB, or MARK courses numbered 3xxx or 4xxx) in order to graduate.

There are two access routes for admission to the bachelor of business administration degree:

- First-year Entry
- Third-year Entry

1. BACHELOR OF BUSINESS ADMINISTRATION - FIRST-YEAR ENTRY

Students may apply for admission to the first year of the degree program with the intention of completing a bachelor of business administration with a concentration in accounting, business management, international business management, or marketing management and/or completing a Diploma in Accounting, Business Management, Financial Management, or Marketing Management. Applicants are asked to declare a BBA concentration or diploma option on their application for admission. The business management concentration provides the greatest flexibility for students who wish to leave their options open in the first year.

For admission into first year, applicants must meet the following admission requirements.

ADMISSION REQUIREMENTS

Please refer to the information regarding general requirements for admission and application to Langara College programs.

Academic Requirements

1. Completion of BC Grade 12 or equivalent, or be 19 years of age.
2. One of the following:
   - Successful completion of English Studies 12 or equivalent (see note);
   - Successful completion of a post-secondary English or communications course for which Langara College awards transfer credit;
   - LET (Langara English Test) Level 2;
   - LPI (Language Proficiency Index) Level 4 with essay 24;
   - TOEFL (paper-based) with a total score of 550 or higher and an essay score of 4.0 or higher;

- TOEFL (Internet-based) with a total score of 80 or higher and a minimum of 18 in Listening, 20 in Reading, 18 in Speaking, and 20 in Writing;
- IELTS 6.5;
- CAEL 60 overall with essay 60;
- Successful completion of LEAP Level 8;
- ELA (English Language Assessment) 145 offered by Vancouver Community College (VCC); or
- Successful completion of VCC English 099.

3. Applicants who have completed 24 credits or more of post-secondary study must have a minimum CGPA of 2.33.

Note: Applicants who completed BC English 12 or Communications 12 prior to September 2019 may use these courses to satisfy this requirement.

Documents Required for Application Evaluation

Applications will not be considered until all documents have been received.

- Completed application for admission form
- Official transcripts (if applicable)
- LET or LPI scores (if applicable)

Application Deadlines

All admission requirements must be completed and documentation submitted by the following dates:

- Fall Semester: May 31
- Spring Semester: October 31
- Summer Semester: February 28

2. BACHELOR OF BUSINESS ADMINISTRATION - THIRD-YEAR ENTRY

Students who have successfully completed a minimum of 60 credits may apply to complete the final two years of the bachelor of business administration degree in one of the following concentrations: accounting, business management, international business management, and marketing management.

ADMISSION REQUIREMENTS

Please refer to the information regarding general requirements for admission and application to Langara College programs.

Academic Requirements

Applicants seeking admission directly into the third year of the BBA must meet all first-year entrance requirements as outlined above. As well, they must have completed a minimum of 60 credits of post-secondary studies with a minimum CGPA of 2.33 in one of the following categories:

1. Graduation from one of the following Langara College diploma programs [1]:
   - Accounting
   - Business Management
   - Financial Management
   - International Business Management (program discontinued in January 2009)
   - Marketing Management;
2. Graduation from another institution's diploma program that is similar to one of the above programs or from a non-business diploma at Langara College. These diplomas must consist of a minimum of 60 credits [2]; or
3. The completion of a minimum of 60 credits [2]. These courses must be at the undergraduate level or eligible to be used towards a Langara College diploma or associate degree and have been taken at either Langara College or at other institutions (or combination thereof).

Program Preference

Preference will be given to applicants who:

- Have completed an accounting, business management, financial management, international business management, or marketing management program at Langara College;
- Apply a minimum of four months prior to the intake date.

Application Deadlines

All admission requirements must be completed and documentation submitted by the following dates:

- Fall Semester: May 31
- Spring Semester: October 31
- Summer Semester: February 28

Notes:

1. Students who have completed one of the above-mentioned Langara College diploma programs, other than the Diploma in Accounting, and wish to enter the third year of the BBA accounting concentration must complete all the bridging courses (see below) if the courses were not completed in their diploma studies. A minimum "C" grade is required in all bridging courses.
2. Applications from students requesting admission under categories two and three above will be reviewed by a departmental advisor to determine if some or all of the bridging courses (see below) are required for their desired program concentration. The bridging courses must be completed prior to admission into the third year of the BBA in Accounting minimum "C" grade is required in all bridging courses.

BRIDGING COURSES (FOR THIRD-YEAR ENTRY)

ACCOUNTING CONCENTRATION

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1285	3
CMNS 1118	3
ECON 1220	3
ECON 1221	3
FMGT 1115	3
FMGT 1215	3
FMGT 1321	3
FMGT 2294	3
FMGT 2308	3
FMGT 2325	3
FMGT 2371	3
FMGT 2421	3
FMGT 2474	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
MATH 1118	3
MATH 1171	3
MATH 1174	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3

Note:
If students take FMGT 2293 instead of FMGT 1115 and 1215 they will be required to take any other BCAP, BUSM, FMGT, INTB, or MARK course (three credits).

BUSINESS MANAGEMENT, AND INTERNATIONAL BUSINESS MANAGEMENT CONCENTRATION

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1100	3
CMNS 1118	3
MARK 1115	3
One of	
ECON 1220	3
ECON 1221	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
FMGT 1115	3
FMGT 1116	3
FMGT 2293	3
One of	
MATH 1118	3
MATH 1119	3
MATH 1171	3
MATH 1174	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3

MARKETING MANAGEMENT CONCENTRATION

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1100	3
CMNS 1118	3
MARK 1115	3
MARK 2100	3
MARK 2400	3
MARK 2430	3
One of	
ECON 1220	3
ECON 1221	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
FMGT 1115	3
FMGT 1116	3
FMGT 2293	3
One of	
MATH 1118	3
MATH 1119	3
MATH 1171	3
MATH 1174	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3

Note:
Students are advised to review individual course descriptions for prerequisites. Not all courses will be offered in every semester; students should take care when planning their course schedule.

REGULAR AND CO-OPERATIVE OPTION

CURRICULUM

To obtain a bachelor of business administration degree, students are required to complete a minimum of 123 credits. Courses may be taken on a full-time or part-time basis. Students who take 15 credits each semester can complete the entire BBA degree in four years. Recommended course sequencing is available from the Langara School of Management.

YEARS ONE AND TWO

To satisfy first- and second-year requirements for the BBA degree, students must complete a minimum of 60 credits in one of the following options:

Option 1
Successful completion of one of the following Langara College programs (regular or co-op option):

- Accounting
- Business Management
- Financial Management
- International Business Management (program discontinued in January 2009)
- Marketing Management

Students who complete the requirements for a diploma and the BBA degree will receive both credentials. Please refer to each diploma listing for specific curriculum requirements. Completion of one of the above diplomas as part of the BBA requirements is highly recommended as it provides graduates the most comprehensive business education.

Option 2
Successful completion of a minimum 60 credits (not including co-op courses). These courses must be eligible to be used towards a Langara College diploma or associate degree. COOP courses or EXPE 2300 (formerly BUSM 2300/COOP 2300) may not be used as part of this requirement; however, they are required for students completing the co-operative education option. To advance to year three, students must successfully complete a minimum of 60 credits including all of the following core courses with a minimum "C" grade for their concentration:

YEAR ONE AND TWO - ACCOUNTING CONCENTRATION REQUIREMENTS

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1285	3
CMNS 1118	3
ECON 1220	3
ECON 1221	3
FMGT 1115	3
FMGT 1215	3
FMGT 1321	3
FMGT 2294	3
FMGT 2308	3
FMGT 2325	3
FMGT 2371	3
FMGT 2421	3
FMGT 2474	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
MATH 1118	3
MATH 1171	3
MATH 1174	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3

Note:
If students take FMGT 2293 instead of FMGT 1115 and 1215 they will be required to take any other BCAP, BUSM, FMGT, INTB, or MARK course (three credits).

YEAR ONE AND TWO - BUSINESS MANAGEMENT AND INTERNATIONAL BUSINESS MANAGEMENT CONCENTRATION REQUIREMENTS

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1100	3
CMNS 1118	3
MARK 1115	3
One of	
ECON 1220	3
ECON 1221	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
FMGT 1115	3
FMGT 1116	3
FMGT 2293	3
One of	
MATH 1118	3
MATH 1119	3
MATH 1171	3
MATH 1174	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3

YEAR ONE AND TWO - MARKETING MANAGEMENT CONCENTRATION REQUIREMENTS

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1100	3
CMNS 1118	3
MARK 1115	3
MARK 2100	3
MARK 2400	3
MARK 2430	3
One of	
ECON 1220	3
ECON 1221	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
FMGT 1115	3
FMGT 1116	3
FMGT 2293	3
One of	
MATH 1118	3
MATH 1119	3
MATH 1171	3
MATH 1174	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3

Notes:

1. Students are strongly advised to meet first- and second-year requirements by completing one of the diplomas listed in option 1 as these diplomas provide the best foundation for further study in the third and fourth year of the BBA.
2. Students wishing to complete the international business management concentration are advised to follow the Business Management concentration curriculum in the first two years. INTB 2000 is a prerequisite for all upper-level INTB courses.
3. Students who opt to meet first- and second-year requirements by completing option 2 are encouraged to include a variety of other business-related (BUSM, FMGT, INTB, and MARK) courses in their studies. The above-listed core courses are the minimum required; additional business-related coursework gives students a better foundation for further study.
4. Students who wish to switch to a different concentration at any point in their studies must ensure that they meet all the core course requirements prior to advancing to the third year.

YEARS THREE AND FOUR

CURRICULUM

In the third and fourth year of the BBA, students must complete a minimum additional 63 credits (for a total of 123 credits). Students in the co-op option will require additional credits to graduate with the co-operative education designation; please see below for details. Although some courses in the program are required as prerequisites for other courses, there is considerable flexibility in the order that most courses may be taken. A departmental advisor is available to discuss a course sequence appropriate to the student's personal goals. Students are advised to review individual course descriptions for prerequisites. Not all courses will be offered in every semester; students should take care when planning their course schedule. Please note that there are minimum CGPA requirements for progression into the third year of the BBA. Please see Student progression and maintenance of standing requirements, for details.

BASIC REQUIREMENTS (TOTAL CREDITS: 63-69)

Course No.	Credits
All of	
BUSM 4200	3
BUSM 4300	3
CMNS 2228	3
INTB 3100	3
PHIL 3200	3
One of	
BCAP 3100	3
BCAP 3200	3
One of	
ECON 1220	3
ECON 1221 (whichever not taken in first or second year)	3
13 courses from one of the following areas of concentration (see concentrations requirements below for specific curriculum): business management, international business management, marketing management	39
One of	
work experience requirement	3

In order to graduate, all students must complete the work experience component in one of the following ways:

- BUSM 3000;
- Approved business experience (prior learning assessment and credit given for BUSM 3000);
- COOP 2301; or
- Completion of the co-operative education option. Please refer to co-operative education option below.

The co-operative education department administers the work experience requirement for the BBA. Students must make contact with the co-op department early in their studies to discuss their options for meeting this graduation requirement.

Note:
Please see concentration below for specific curriculum.

ACCOUNTING CONCENTRATION REQUIREMENTS

Students must complete the following:

Course No.	Credits
All of	
BCAP 3100	3
BCAP 3200	3
BUSM 3200	3
BUSM 4200	3
BUSM 4300	3
CMNS 2228	3
FMGT 3121	3
FMGT 3223	3
FMGT 3263	3
FMGT 4225	3
INTB 3100	3
MARK 1115	3
MARK 2100	3
PHIL 3200	3
STAT 3223	3
Any two courses chosen from BCAP, BUSM, FMGT, INTB, or MARK, excluding FMGT 1116	6
Two courses numbered 3XXX or 4XXX that are not BCAP, BUSM, COOP, EXPE, FMGT, INTB, MARK, or STAT	6
Any course chosen from general education electives. A general education elective is defined to be any university-transferable course in a subject area other than BCAP, BUSM, COOP, EXPE, FMGT, INTB, or MARK that has assigned or unassigned transfer credit at UBC, SFU, UVic, or UNBC	3
One of work experience requirement	3

In order to graduate, all students must complete the work experience component in one of the following ways:

- BUSM 3000;
- Approved business experience (prior learning assessment and credit given for BUSM 3000);
- COOP 2301; or
- Completion of the co-operative education option below.

Note:

The co-operative education department administers the work experience requirement for the BBA. Students must make contact with the co-op department early in their studies to discuss their options for meeting this graduation requirement.

BUSINESS MANAGEMENT CONCENTRATION REQUIREMENTS

Within the basic requirements, students must complete the following:

Course No.	Credits
All of	
BUSM 3200	3
BUSM 3220	3
BUSM 4100	3
BUSM 4120	3
One of	
STAT 3222	3
STAT 3223	3
Three business electives numbered 3xxx or 4xxx from the following subject areas: BCAP, BUSM, FMGT, INTB, MARK	9
One course numbered 3XXX or 4XXX that is not BCAP, BUSM, COOP, EXPE, FMGT, INTB, MARK, or STAT	3
Four of General education electives: a general education elective is defined to be any university-transferable course in a subject area other than BCAP, BUSM, COOP, EXPE, FMGT, INTB, or MARK that has assigned or unassigned transfer credit at UBC, SFU, UVic, or UNBC.	12

INTERNATIONAL BUSINESS MANAGEMENT CONCENTRATION REQUIREMENTS

Within the basic requirements, students must complete the following:

Course No.	Credits
All of	
BUSM 3200	3
BUSM 4100	3
BUSM 4120	3
INTB 2000	3
One of	
STAT 1224	3
STAT 3222	3
STAT 3223	3
A total of eight courses chosen from:	24

- A minimum three to maximum five of the following: INTB 3200, 3400, 3500, 4100, 4195, 4200, and 4220
- A minimum three to maximum five general education electives: The general education electives for this concentration must be chosen from the following disciplines: ASIA, ENVS, FSIE, HIST, LAMS, POLI, SOCI, or any of the following modern languages: CHIN, FREN, JAPN, or SPAN. These electives must receive assigned or unassigned transfer credit at UBC, SFU, UVic, or UNBC.

MARKETING MANAGEMENT CONCENTRATION REQUIREMENTS

Within the basic requirements, students must complete the following:

Course No.	Credits
All of	
BUSM 3200	3
BUSM 4100	3
BUSM 4120	3
One of	
STAT 3222	3
STAT 3223	3
Five of	
INTB 3200	3
MARK 3100	3
MARK 3150	3
MARK 3200	3
MARK 3210	3
MARK 3250	3
MARK 3400	3
MARK 4100	3
MARK 4195	3
MARK 4220	3
MARK 4250	3
One course numbered 3XXX or 4XXX that is not BCAP, BUSM, COOP, EXPE, FMGT, INTB, MARK, or STAT	3
Three general education electives: A general education elective is defined to be any university-transferable course in a subject area other than BCAP, BUSM, COOP, EXPE, FMGT, INTB, or MARK.	9

CO-OPERATIVE EDUCATION OPTION

ADMISSION REQUIREMENTS

To be admitted and participate in the co-operative education option, students must:

- Be enrolled in three or more program courses (minimum nine credits), not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-op instructor; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

Also see co-operative education programs.

In addition to the basic and concentration requirements, students in the co-operative education option must complete a minimum of three co-op work terms (nine credits), with at least one work term (three credits) at the third- and fourth-year level.

CURRICULUM

WORK TERM ONE (TOTAL CREDITS: 3)

Course No.	Credits
COOP 2301	3

WORK TERM TWO (TOTAL CREDITS: 3)

Course No.	Credits
COOP 2501	3

WORK TERM THREE (TOTAL CREDITS: 3)

Course No.	Credits
COOP 3301	3

WORK TERM FOUR (TOTAL CREDITS: 3)

Course No.	Credits
COOP 4301	3

Business Administration (Post-Degree)

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Post-Degree Diploma in Business Administration (Work Experience)

GENERAL INFORMATION

This Post-Degree Diploma in Business Administration (PDD-BA) is for students who hold a bachelor's degree and wish to pursue a career in business. It is student-centred, and its primary aim is to give graduates real business skills – the skills that employers are looking for.

This PDD-BA is a two-year program consisting of three semesters of in-class studies plus a one semester experiential work term which provides students with a career experience work placement. This program will be offered in the daytime during weekdays.

The demanding nature of this program requires that students have an adequate understanding of basic mathematical concepts. If students have not recently taken a mathematics or statistics course, it is highly recommended that they take MATH 1118 or 1119 (or equivalent) before starting this program. MATH 1118 and 1119 cover basic business mathematics topics such as: simple and compound interest, simple and general annuities, valuation of investments, loans, and mortgages.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Bachelor's degree or equivalent

International Applicants: Bachelor's degree or equivalent

English Language Requirement

Category 2

Applicant Notes

Admission to a program does not guarantee registration into required courses.

Please refer to the program application dates on the Application Information page.

POST-DEGREE DIPLOMA IN BUSINESS ADMINISTRATION (WORK EXPERIENCE)

CURRICULUM

In order to graduate students must:

- Complete the required 42 credits listed below;
- Achieve a minimum "C" grade in all courses; and
- Have a minimum program GPA of 2.33.

TOTAL CREDITS: 42

Course No.	Credits
All of	
BUSM 4800	3
BUSM 4805	3
BUSM 4810	3
BUSM 4820	3
BUSM 4830	3
BUSM 4840	3
BUSM 4850	3
EXPE 4800	3
EXPE 4814	3
FMGT 4816	3
INTB 4810	3
MARK 4800	3
MARK 4810	3
STAT 4800	3

Program Notes:
Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.

Business Management

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Diploma in Business Management
- Diploma in Business Management (Co-operative Education)

GENERAL INFORMATION

This practical, interdisciplinary, career-oriented two-year diploma program prepares students for a variety of management positions. The Diploma in Business Management program provides students with a solid grounding in a variety of business subjects including accounting, marketing, research methods in business, management principles, organizational behaviour, entrepreneurship, entrepreneurial financial management, business planning, business presentation skills, law and courses such as economics, English, communications, and mathematics of business.

Graduates of this program who meet the minimum academic entrance requirements will be able to ladder into the third year of the bachelor of business administration.

The Diploma in Business Management is designed so that students can choose to change their focus of studies within or after the first year and transfer into the marketing management program.

Applicants are encouraged to apply for the co-operative education option during their first term in the program.

DIPLOMA IN BUSINESS MANAGEMENT

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

Applicants who have attempted 24 credits or more of post-secondary study must have a cumulative grade point average of 2.00 or higher.

Applicant Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Application Deadlines

All admission requirements must be completed and documentation submitted by the following dates:

- **Fall Semester**: May 31
- **Spring Semester**: October 31
- **Summer Semester**: February 28

Please refer to the program application dates on the Application Information page.

CURRICULUM

To obtain a Diploma in Business Management, students will be required to attain 60 or 63 credits as described below:

TOTAL CREDITS: 60 or 63

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1100	3
BUSM 1115	3
BUSM 1285	3
BUSM 1500	3
BUSM 2115	3
BUSM 2200	3
BUSM 2450	3
CMNS 1118	3
MARK 1115	3
MARK 2100	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
One of	
FMGT 1115 and	3
FMGT 1215	3
FMGT 1116	3
FMGT 2293	3
One of	
ECON 1220	3
ECON 1221	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
MATH 1118	3
MATH 1119	3
MATH 1171	3
MATH 1174	3
Two business electives Any BCAP course (except BCAP 0012 and 1112), any BUSM course (except EXPE 2300 (formerly BUSM/COOP 2300)), any FMGT, INTB, or MARK course	6
Two general education electives A general education elective is defined to be any course in a subject area other than BCAP, BUSM, COOP, EXPE, FMGT, INTB, or MARK that has assigned or unassigned transfer credit at UBC, SFU, UVic, or UNBC	6

Note:
Students are advised to review individual course descriptions for prerequisites. Not all courses will be offered in every semester; students should take care and consult with the department when planning their course schedule.

DIPLOMA IN BUSINESS MANAGEMENT (CO-OPERATIVE EDUCATION)

ADMISSION REQUIREMENTS

Please see the business administration (BBA) program information for admission requirements.

Academic Requirements

To be admitted and participate in the co-operative education option, students must:

- Be enrolled in three or more program courses (minimum nine credits), not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-op instructor; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

Also see co-operative education programs.

Students who wish to participate in this option must maintain above-average academic standing and demonstrate potential for success in their chosen professional field. One four-month work term (a minimum of 420 hours) must be completed for a co-op designated diploma. Employers provide the co-op instructors with job descriptions to be posted. Students submit their resumés via the co-op instructors who will submit the package to the employer and arrange job interviews. Students are strongly encouraged to start building their professional network and be an active participant in self-marketing to source their co-op work placement.
Employers make the hiring decisions and establish the working conditions, salary, and benefits. The co-operative education option has proven to be of great benefit to students. Students have the opportunity to apply their knowledge, to develop skills in a practical work setting, and to gain related experience before commencing their professional careers.

CURRICULUM

To obtain a Diploma in Business Management (Co-operative Education), students will be required to attain 66 credits as described below:

TOTAL CREDITS: 66

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1100	3
BUSM 1115	3
BUSM 1285	3
BUSM 1500	3
BUSM 2115	3
BUSM 2200	3
BUSM 2450	3
CMNS 1118	3
EXPE 2300	3
MARK 1115	3
MARK 2100	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
One of	
FMGT 1115 and	3
FMGT 1215	3
FMGT 1116	3
FMGT 2293	3
One of	
ECON 1220	3
ECON 1221	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
MATH 1118	3
MATH 1119	3
MATH 1171	3
MATH 1174	3
Two business electives Any BCAP course (except BCAP 0012 and 1112), any BUSM course (except EXPE 2300 (formerly BUSM 2300/COOP 2300)), any FMGT, INTB, or MARK course	6
Two general education electives A general education elective is defined to be any course in a subject area other than BCAP, BUSM, COOP, EXPE, FMGT, INTB, or MARK that has assigned or unassigned transfer credit at UBC, SFU, UVic, or UNBC	6

WORK TERM ONE (TOTAL CREDITS: 3)

Course No.	Credits
COOP 2301	3

Note:
Students are advised to review individual course descriptions for prerequisites. Not all courses will be offered in every semester; students should take care and consult with the department when planning their course schedule.

Commerce & Business Studies

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Associate of Arts Degree in Commerce and Business Studies
- Diploma in Arts and Science (Commerce)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF ARTS DEGREE IN COMMERCE AND BUSINESS STUDIES

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
ECON 1220	3
ECON 1221	3
FMGT 2293	3
FMGT 2294	3
MATH 1174 [4]	3
STAT 1181	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3

One of	
ENGL 1129	3
ENGL 1130	3

Notes:

1. Students planning to go to UBC are recommended to take: BUSM 2200, ECON 2296, 2298, MARK 1115, MATH 2310, and STAT 2225.
2. UBC transfer students are also suggested to take BCAP 3200 or CSIS 2500.
3. Students planning to go to SFU should take BCAP 3200 or CSIS 2500, BUSM 2200, and STAT 1182.
4. MATH 1171 or 1173/1183 are allowable substitutes for MATH 1174.

DIPLOMA IN ARTS AND SCIENCE (COMMERCE)

The Diploma in Arts and Science (Commerce) provides courses needed for equivalency to pre-commerce and first-year commerce. The diploma program in place at Langara College is geared more specifically to UBC, but if space is available and with some amendments, this program also facilitates transfer to SFU and UVic. (Please consult with a counsellor regarding requirements.) The diploma program also provides a basis for entry into general business fields and a business-oriented direction for mathematically inclined students. The program leads to a Diploma in Arts and Science (Commerce). It is also possible for students to complete an Associate of Arts Degree in Commerce and Business Studies.

Transfer to UBC, SFU, or UVic faculties of commerce will depend on those institutions and each application will be considered on its merits. Students with a previous university degree should contact these universities first before applying for the commerce transfer program.

The need to maintain a minimum cumulative grade point average (CGPA) of 3.0 cannot be overemphasized due to the highly competitive nature of admission into business faculties at all three universities.

Graduates of the Langara Diploma in Arts and Science (Commerce) will be eligible for admission into the third year of Royal Roads University's Bachelor of Commerce in Entrepreneurial Management, provided all other entrance criteria are met and space is available in the bachelor of commerce.

Graduates may also be eligible to continue at Langara College in the bachelor of business administration upon completion of some bridging courses.

Students apply to the general arts and science program and register in the courses outlined below.

CURRICULUM

Within the framework of the general requirements of the diploma in arts and science, students must complete a minimum of 60 credits including:

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
MATH 1174 [1]	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ECON 1220	3
ECON 1221	3
Two electives [2, 3, 4]	6

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
One of	
ENGL 1129	3
ENGL 1130	3
One of	
ECON 1220	3
ECON 1221	3
Three electives [2, 3, 4]	9

TERM THREE (TOTAL CREDITS: 18)

Course No.	Credits
All of	
FMGT 2293	3
STAT 1181 [4]	3
One of	
ECON 2296	3
or elective [3, 4, 5]	3
One of	
MARK 1115	3
or elective [3, 4, 5]	3
One of	
MATH 2310	3
or elective [3, 4, 5]	3
One elective [6]	3

TERM FOUR (TOTAL CREDITS: 15)

Course No.	Credits
All of	
BUSM 2200	3
STAT 2225 [3, 4, 5]	3
One of	
FMGT 2294	3
elective	3
One of	
ECON 2298	3
or elective [3, 4, 5]	3
One elective [3, 4, 5]	3

Notes:

1. MATH 1171 or 1173/1183 may be used in lieu of MATH 1174.
2. Students are advised not to enrol in the equivalent of UBC commerce or statistics courses as electives. Public speaking is a required non-credit course for UBC and must be taken there in third-year commerce.
3. SFU transfer students do not require ECON 2296, 2298, MATH 2310, MARK 1115, and STAT 2225, but they are required to take BCAP 3200 or CSIS 2500, and STAT 1182.
4. MATH 2310, STAT 1181, and 2225 must be completed to obtain credit for UBC's Commerce 290 and 291. SFU requires only STAT 1181 and 1182.
5. UBC transfer students are also suggested to take BCAP 3200 or CSIS 2500.
6. This elective is not required for the Diploma in Arts and Science (Commerce); however, UBC transfer students should complete this elective (for a total of 63 credits) to fulfil the full two years of the UBC program
7. Students are advised to contact the university they plan to attend to ensure they are aware of any changes to admission/transfer requirements.

Digital Marketing Essentials

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Digital Marketing Essentials

GENERAL INFORMATION

To succeed in today's economy, organizations must incorporate dynamic technologies into their marketing strategies. Students explore the essential role of digital marketing in today's business environment. They optimize digital marketing to design and develop effective online marketing strategies. They gain practical knowledge in key areas such as website development, content creation, search engine optimization (SEO), generative engine optimization (GEO), analytics, social media marketing, and email marketing. By the end of the program, students are equipped to develop and apply digital marketing strategies that effectively support and enhance overall marketing goals.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.

Please refer to the program application dates on the Application Information page.

CURRICULUM

TOTAL CREDITS: 3

Course No.	Credits
All of	
MARK 2610	1
MARK 2615	1
MARK 2620	1

Notes:

Courses are stand-alone and can be taken independent of each other and in any order.

Financial Management

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Diploma in Financial Management
- Diploma in Financial Management (Co-operative Education)

GENERAL INFORMATION

The objective of this two-year diploma program is to prepare for careers in accounting and financial services. The curriculum includes a mix of business and academic courses that provide students with both the practical skills required in accounting and financial services and proficiency in business decision-making and analysis. Many of the program courses are eligible for university-transfer credit or exemptions for the courses offered by the Certified General Accountants Association, the Certified Management Accountants Society, or the Institute of Chartered Accountants. As well, many of the courses carry credit towards a professional designation in the fields of credit management, banking, trust administration, and insurance.

The program provides students with the opportunity to customize their program to suit their particular requirements. Students will be required to obtain 60 credits. Forty-five of the credits will come from compulsory courses, nine credits will come from optional financial management courses, and six credits may be academic electives. Thus students wishing to maximize their credits in either accounting or finance will be able to do so, but those interested in a general Diploma in Financial Management will be able to pick from a variety of courses according to their interests.

Graduates of this program who meet the minimum academic entrance requirements will be able to ladder into the third year of the bachelor of business administration (BBA) . Those who wish to pursue the accounting concentration may be admitted into the BBA, but they will need to complete all the bridging courses to meet upper-division course prerequisites. Graduates who wish to undertake one of the other concentrations should meet with the department.

DIPLOMA IN FINANCIAL MANAGEMENT

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

Applicants who have attempted 24 credits or more of post-secondary study must have a cumulative grade point average of 2.00 or higher.

Program Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Application Deadlines

All admission requirements must be completed and documentation submitted by the following dates:

- **Fall Semester**: May 31
- **Spring Semester**: October 31
- **Summer Semester**: February 28

Please refer to the program application dates on the Application Information page.

CURRICULUM

To obtain a Diploma in Financial Management, students will be required to attain 60 credits as described below:

TOTAL CREDITS: 60

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1285	3
BUSM 1500	3
EXPE 2300[1]	3
FMGT 1115	3
FMGT 1215	3
FMGT 2325	3
FMGT 2371	3
FMGT 2474	3
MATH 1118	3
One of	
BUSM 1200	3
BUSM 2200	3
Two of	
CMNS 1115	3
CMNS 1118	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
ENGL 1129	3
One of	
ECON 1220	3
ECON 1221	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
One of	
FMGT 2308	3
MATH 1210	3
Three of	
BUSM 1200 or	3
BUSM 2200	3
(whichever has not been taken to satisfy the core requirement above)	
ECON 1220 or	3
ECON 1221	3
(whichever has not been taken to satisfy the core requirement above)	
FMGT 1321 [2]	3
FMGT 2294 [2]	3
FMGT 2308 [2] or	3
MATH 1210	3
(whichever has not been taken to satisfy the core requirement above)	
FMGT 2421 [2]	3
FMGT 2423 [2]	3
INTB 2330	3
MARK 1115	3
Two elective courses chosen from the arts and science or career program course offerings	6

Notes:

1. EXPE 2300 (formerly BUSM/COOP 2300) is compulsory for students wanting to do the co-op option. Optional for all other students in the program.
2. FMGT 1321, 2294, 2308, 2421, and 2423 are recommended for students who plan on pursuing an accounting designation.

DIPLOMA IN FINANCIAL MANAGEMENT (CO-OPERATIVE EDUCATION)

ADMISSION REQUIREMENTS

Please see the business administration (BBA) program information for admission requirements.

Academic Requirements

To be admitted and participate in the co-operative education option, students must:

- Be enrolled in three or more program courses (minimum nine credits), not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-op instructor; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

Also see co-operative education programs.

Students who wish to participate in this option must maintain above-average academic standing and demonstrate potential for success in their chosen professional field.

One four-month work term (a minimum of 420 hours) must be completed for a co-op designated diploma. Employers provide the co-op instructors with job descriptions to be posted. Students submit their resumés via the co-op instructor, who will submit the package to the employer and arrange job interviews. Students are strongly encouraged to start building their professional network and be an active participant in self-marketing to source their co-op work placements.

Employers make the hiring decisions and establish the working conditions, salary and benefits. The co-operative education option has proven to be of great benefit to students. Students have the opportunity to apply their knowledge, to develop skills in a practical work setting, and to gain related experience before commencing their professional careers.

Also see co-operative education programs.

CURRICULUM

To obtain a Diploma in Financial Management (Co-operative Education), students will be required to attain 66 credits as described below:

TOTAL CREDITS: 66

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1285	3
BUSM 1500	3
EXPE 2300	3
FMGT 1115	3
FMGT 1215	3
FMGT 2325	3
FMGT 2371	3
FMGT 2474	3
MATH 1118	3
One of	
BUSM 1200	3
BUSM 2200	3
Two of	
CMNS 1115	3
CMNS 1118	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
ENGL 1129	3
One of	
ECON 1220	3
ECON 1221	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
One of	
FMGT 2308	3
MATH 1210	3
Three of	
BUSM 1200 or	3
BUSM 2200	3
(whichever has not been taken to satisfy the core requirement above)	

ECON 1220 or	3
ECON 1221	3
(whichever has not been taken to satisfy the core requirement above)	
FMGT 1321 [1]	3
FMGT 2294 [1]	3
FMGT 2308 [1] or	3
MATH 1210	3
(whichever has not been taken to satisfy the core requirement above)	
FMGT 2421 [1]	3
FMGT 2423 [1]	3
INTB 2330	3
MARK 1115	3
Two elective courses chosen from the arts and science or career program course offerings	6

WORK TERM ONE (TOTAL CREDITS: 3)

Course No.	Credits
COOP 2301	3

Notes:

1. FMGT 1321, 2294, 2308, 2421, and 2423 are recommended for students who plan on pursuing an Accounting designation.
2. Students are advised to review individual course descriptions for prerequisites.
3. Not all courses will be offered in every semester; students should take care when planning their course schedule.

Financial Services

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Diploma in Financial Services
- Diploma in Financial Services (Co-operative Education)

GENERAL INFORMATION

The diploma will provide students with a solid understanding of banking, investments, insurance, and financial services products. Through their studies in taxation, investment, and business law, students will be prepared to offer sound financial advice and create appropriate financial strategies for clients. Graduates will be well prepared to build their business with skills in sales and negotiation, marketing, marketing research, advertising, interpersonal communication, business writing, and relevant computer software applications.

Graduates of this program who meet the minimum academic entrance requirements and have completed the necessary bridging courses will be able to ladder into the third year of the bachelor of business administration.

DIPLOMA IN FINANCIAL SERVICES

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older
International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

Applicants who have attempted 24 credits or more of post-secondary study must have a cumulative grade point average of 2.00 or higher.

Program Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

CURRICULUM

To obtain a Diploma in Financial Services, students will be required to attain 60 credits as described below:

TOTAL CREDITS: 60

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1285	3
BUSM 1500	3
CMNS 1118[3]	3
CMNS 2228	3
ECON 1221	3
FMGT 2116	3
FMGT 2293 [1]	3
FMGT 2325	3
FMGT 2371	3
FMGT 2485	3
FMGT 2500	3
MARK 1115	3
MARK 2100	3
MARK 2400	3
One of	
MATH 1118[3]	3
MATH 1119[3]	3
MATH 1171[3]	3
MATH 1174[3]	3
One of	
MARK 1200	3
MARK 2500	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
Two of	
BUSM 1100 [2]	3
ECON 1220	3
ENGL 1123 or	3
ENGL 1127 or	3
ENGL 1128 [2 3]	3
Any 1xxx or 2xxx level BCAP, BUSM, INTB, or MARK course [3]	3

Notes:

1. Students may take FMGT 1115 and 1215 in place of FMGT 2293.
2. Any student wishing to apply for third-year entry to the BBA (marketing management, business management, or international business management concentrations) must take BUSM 1100 and ENGL 1123, 1127, or 1128 to complete the required bridging courses.
3. Students wishing to take the Diploma in Financial Services may be required to complete upgrading courses to meet the prerequisites for CMNS 1118, ENGL 1123, 1127, or 1128, and MATH 1118, 119, 1171, or 1174.

DIPLOMA IN FINANCIAL SERVICES (CO-OPERATIVE EDUCATION)

ADMISSION REQUIREMENTS

Academic Requirements

To be admitted and participate in the co-operative education option, students must:

- Be enrolled in three or more program courses (minimum nine credits), not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-op instructor; and

- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

Also see co-operative education programs.

CURRICULUM

To obtain a Diploma in Financial Services (Co-operative Education), students will be required to attain 66 credits as described below:

TOTAL CREDITS: 66

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1285	3
BUSM 1500	3
CMNS 1118 [3]	3
CMNS 2228	3
ECON 1221	3
EXPE 2300 [4]	3
FMGT 2116	3
FMGT 2293 [1]	3
FMGT 2325	3
FMGT 2371	3
FMGT 2485	3
FMGT 2500	3
MARK 1115	3
MARK 2100	3
MARK 2400	3
One of	
MATH 1118 [3]	3
MATH 1119 [3]	3
MATH 1171 [3]	3
MATH 1174 [3]	3
One of	
MARK 1200	3
MARK 2500	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
Two of	
BUSM 1100 [2]	3
ECON 1220	3
ENGL 1123 or	3
ENGL 1127 or	3
ENGL 1128 [2 3]	3
Any 1xxx or 2xxx level BCAP, BUSM, INTB, or MARK course [3]	3

WORK TERM (TOTAL CREDITS: 3)

Course No.	Credits
COOP 2301	3

Notes:

1. Students may take FMGT 1115 and 1215 in place of FMGT 2293.
2. Any student wishing to apply for third-year entry to the BBA (marketing management, business management, or international business management concentrations) must take BUSM 1100 and ENGL 1123, 1127, or 1128 to complete the required bridging courses.
3. Students wishing to take the Diploma in Financial Services may be required to complete upgrading courses to meet the prerequisites for CMNS 1118, ENGL 1123, 1127, or 1128, and MATH 1118, 119, 1171, or 1174.
4. Formerly BUSM 2300/COOP 2300.
5. One four-month work term (a minimum of 420 hours) must be completed for a co-op designated diploma. Students may complete a second work term.

Food and Nutrition

Department: Nutrition & Food Service Management
Division: Management Programs

OPTION(S)

- Associate of Science Degree in Food and Nutrition

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

ASSOCIATE OF SCIENCE DEGREE IN FOOD AND NUTRITION

The Associate of Science Degree in Food and Nutrition provides a broad education in arts and sciences with an emphasis on food, nutrition, and health subject areas. Coursework may prepare students to apply to food and nutrition programs at other universities across Canada.

The Associate of Science Degree in Food and Nutrition is designed for students who are unable to meet the admission or progression requirements for the Diploma in Arts and Science (Food, Nutrition, and Health Transfer); or who need time to transition into the heavy workload of these arts and science courses.

The program prepares students to meet course requirements for application to the BSc (Food, Nutrition, and Health) in the Faculty of Land and Food Systems at UBC, with a second option for transfer into dietetics, if eligible. The dietetics major is a regulated health profession training program with specific applicant selection procedures and a second application to the dietetics major may be made at the same time. Once students have completed 54 credits of their associate degree requirements and the remainder of the courses are in progress, application can be made to the Faculty of Land and Food Systems and must meet specific UBC prerequisite requirements [1] (subject to change). The application to the UBC dietetics major is comprehensive and competitive, in part due to the restricted number of seats available in the degree program each year.

Students unable to meet the requirements of these courses in this program may refer to the Diploma in Nutrition and Food Service Management.

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 1190	4
BIOL 1191	4
BIOL 2315	4
BIOL 2370	4

BIOL 2415	4
CHEM 1120	4
CHEM 1220	4
CHEM 2316	4
CHEM 2416	4
FSRV 1113	3
FSRV 1213	3
FSRV 3114	3
FSRV 3214	3
NUTR 2112	3
NUTR 2212	3
STAT 1181	3
STAT 2225	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One additional first-year ENGL course	3
One of	
ANTH 1120	3
PSYC 1115 and	3
PSYC 1215	3
SOCI 1120 and	3
SOCI 1121	3
Two university-transferable MATH courses which shall include at least one calculus course	6

Notes:

1. Students planning to pursue dietetics at UBC require both FNH 200 and LFS 250 as part of their application. They are advised to take these two courses via non-degree studies at UBC.

Food, Nutrition, and Health Transfer

Department: Nutrition & Food Service Management
Division: Management Programs

OPTION(S)

- Diploma in Food, Nutrition, and Health Transfer

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Complete a minimum of 30 credits and a 3.00 CGPA in required courses

International Applicants: Complete a minimum of 30 credits and a 3.00 CGPA in required courses

English Language Requirement

ENGL 1123, 1127, or 1128

Additional Requirements

1. Resumé
2. Letter of intent
3. Valid Food Safe Level 1 or equivalent
4. Required courses (see important notes):

All of
BIOL 1115
BIOL 1190
BIOL 1215
CHEM 1120
CHEM 1220
NUTR 2112
NUTR 2212
STAT 1181

One of
MATH 1153 and 1253
MATH 1171
MATH 1173 and 1183
MATH 1174
MATH 1175

Important Notes

1. All courses used toward program requirements (including courses used to satisfy admission requirements) must be completed within a total of four calendar years regardless of when a student has entered the program.
2. Prospective students with admission requirements completed more than two calendar years prior to program entry will be referred to the department for advising.

Applicant Notes

1. Resumé must indicate a minimum of six months of experience, preferably in a food service or nutrition-related field, paid or volunteer.
2. The letter of intent needs to be a maximum two pages that explains why the applicant wishes to be considered for the program.
3. Admission to a program does not guarantee registration into required courses.

Application Deadlines

All required documents must be submitted by:

- **Fall Semester**: May 31
- **Spring Semester**: October 31
- **Summer Semester**: February 28

Late applications will be accepted if space is available.

Please refer to the program application dates on the Application Information page.

DIPLOMA IN FOOD, NUTRITION, AND HEALTH TRANSFER

The Diploma in Food, Nutrition, and Health Transfer is a limited enrolment program, developed in collaboration with UBC.

UBC has committed to preferential admission to the UBC Food, Nutrition & Health (BSc) Program in the Faculty of Land and Food Systems for graduates of the Diploma in Food, Nutrition, and Health Transfer.

CURRICULUM

This diploma is awarded upon completion of the curriculum with a minimum CGPA of 3.0, which must be accomplished in a period of no longer than four calendar years. No exceptions to the stated curriculum and program requirements will be considered.

The following courses are requirements of the program in addition to being admission requirements. Students are not expected to complete them twice.

TOTAL CREDITS: 74

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1190	4
BIOL 1215	4
CHEM 1120	4
CHEM 1220	4
NUTR 2112	3
NUTR 2212	3
STAT 1181	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
MATH 1153 and	3
MATH 1253	3
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
MATH 1174	3
MATH 1175	3

The following courses are the remaining requirements of the program:

All of	
BIOL 1191	4
BIOL 2315	4
BIOL 2370	4
BIOL 2415	4
CHEM 2316	4
CHEM 2416	4
FSRV 1213	3
STAT 2225	3
One of	
ANTH 1120	3
PSYC 1115 and	3
PSYC 1215	3
SOCI 1120 and	3
SOCI 1121	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
MATH 1271	3
MATH 1273 and	3
MATH 1283	1
MATH 1274	3
MATH 1275	3

Notes:

1. Students must complete all diploma courses within a total of four calendar years regardless of when they entered the program in order to graduate.
2. Students must achieve a minimum CGPA of 3.0 in order to graduate from the Diploma in Food, Nutrition, and Health Transfer. Students who do not achieve a minimum CPGA of 3.0 have the option of completing the Associate of Science Degree in Food and Nutrition.
3. Students planning to pursue dietetics at UBC require both FNH 200 and LFS 250 as part of their application. They are advised to take these two courses via non-degree studies at UBC.
4. MATH 1175 and 1275 are the recommended MATH courses for this program.
5. STAT 1224, 3222, 3223, and 4810 may not be used in lieu of STAT 2225 for the purposes of graduation from this program.

Marketing Management

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Diploma in Marketing Management
- Diploma in Marketing Management (Co-operative Education)

GENERAL INFORMATION

This two-year, career-oriented diploma program prepares students for careers in general marketing, sales, advertising, retailing, distribution, and customer service fields. The program focuses on the principles and practices of marketing in communications, promotions, business research, and marketing's role in different types of profit and non-profit organizations.

It combines practical hands-on course work with a good foundation in theoretical marketing and general business concepts including courses in accounting, marketing communications design, research methods in business, advertising, selling skills, integrated marketing communications, organizational behaviour, business presentation skills, law, and courses such as economics, English, communications, and mathematics of business.

Graduates of this program who meet the minimum academic entrance requirements will be able to ladder into the third year of the bachelor of business administration.

The Diploma in Marketing Management is designed so that students can choose to change their focus of studies within the first year and transfer into the business management program.

Applicants are encouraged to apply for the co-operative education option during their first term in the program.

DIPLOMA IN MARKETING MANAGEMENT

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

Applicants who have attempted 24 credits or more of post-secondary study must have a cumulative grade point average of 2.00 or higher.

Program Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Application Deadlines

All admission requirements must be completed and documentation submitted by the following dates:

- **Fall Semester**: May 31
- **Spring Semester**: October 31
- **Summer Semester**: February 28

Please refer to the program application dates on the Application Information page.

CURRICULUM

To obtain a Diploma in Marketing Management, students will be required to attain 60 or 63 credits as described below:

TOTAL CREDITS: 60 or 63

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1100	3
BUSM 1285	3
BUSM 1500	3
BUSM 2200	3
CMNS 1118	3
MARK 1115	3
MARK 2000	3
MARK 2100	3
MARK 2400	3
MARK 2430	3
One of	
ECON 1220	3
ECON 1221	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
FMGT 1115 and	3
FMGT 1215	3
FMGT 1116	3
FMGT 2293	3
One of	
MARK 1200	3
MARK 2500	3
One of	
MATH 1118	3
MATH 1119	3
MATH 1171	3
MATH 1174	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
One business elective: Any BCAP course (except BCAP 0012 and 1112), any BUSM course (except BUSM 2300), any FMGT, INTB, or MARK course	3
Two general education electives A general education elective is defined to be any course in a subject area other than BCAP, BUSM, COOP, EXPE, FMGT, INTB, or MARK that has assigned or unassigned transfer credit at UBC, SFU, UVic, or UNBC	6

Note:
Students are advised to review individual course descriptions for prerequisites. Not all courses will be offered in every semester; students should take care and consult with the department when planning their course schedule.

DIPLOMA IN MARKETING MANAGEMENT (CO-OPERATIVE EDUCATION)

ADMISSION REQUIREMENTS

Please see the business administration (BBA) information for admission requirements.

Academic Requirements

To be admitted and participate in the co-operative education option, students must:

- Be enrolled in three or more program courses (minimum nine credits), not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term and receive a minimum "C" grade in every subject;
- Successfully complete an employability assessment interview with a co-op instructor; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

Also see co-operative education programs.

Students who wish to participate in this option must maintain above-average academic standing and demonstrate potential for success in their chosen professional field.

One four-month work term (a minimum of 420 hours) must be completed for a co-op designated diploma. Students may complete a second work term. Employers provide the co-op instructors with job descriptions to be posted. Students submit their resumés via the co-op instructor, who will submit the package to the employer and arrange job interviews. Students are also strongly encouraged to start building their professional network and be an active participant in self-marketing to source their co-op work placements.

Employers make the hiring decisions and establish the working conditions, salary and benefits. The co-operative education option has proven to be of great benefit to students. Students have the opportunity to apply their knowledge, to develop skills in a practical work setting, and to gain related experience before commencing their professional careers.

CURRICULUM

To obtain a Diploma in Marketing Management (Co-operative Education), students will be required to attain 66 credits as described below:

TOTAL CREDITS: 66

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1100	3
BUSM 1285	3
BUSM 1500	3
BUSM 2200	3
CMNS 1118	3
EXPE 2300	3
MARK 1115	3
MARK 2000	3
MARK 2100	3
MARK 2400	3

MARK 2430	3
One of	
ECON 1220	3
ECON 1221	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
FMGT 1115 and	3
FMGT 1215	3
FMGT 1116	3
FMGT 2293	3
One of	
MARK 1200	3
MARK 2500	3
One of	
MATH 1118	3
MATH 1119	3
MATH 1171	3
MATH 1174	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
One business elective: Any BCAP course (except BCAP 0012 and 1112), any BUSM course (except BUSM 2300), any FMGT INTB, or MARK course	3
Two general education electives A general education elective is defined to be any course in a subject area other than BCAP, BUSM, COOP, EXPE, FMGT, INTB or MARK that has assigned or unassigned transfer credit at UBC, SFU, UVic, or UNBC	6

WORK TERM ONE (TOTAL CREDITS : 3)

Course No.	Credits
COOP 2301	3

Note:
Students are advised to review individual course descriptions for prerequisites. Not all courses will be offered in every semester; students should take care and consult with the department when planning their course schedule.

Marketing Management (Post-Degree)

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Post-Degree Diploma in Marketing Management (Work Experience)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Bachelor's degree (or equivalent)

International Applicants: Bachelor's degree (or equivalent)

English Language Requirement

Category 2

Program Notes

1. Admission to a program does not guarantee registration into required courses.
2. The demanding nature of this program requires that students have an adequate understanding of basic mathematical concepts. Specifically, students should understand basic business mathematics topics such as simple and compound interest, simple and general annuities, valuation of investments, loans, and mortgages. Students who have not studied this material recently may consider completing a business mathematics course or reviewing these topics through self-directed studies prior to beginning the program.

Please refer to the program application dates on the Application Information page.

POST-DEGREE DIPLOMA IN MARKETING MANAGEMENT (WORK EXPERIENCE)

In order to graduate, students must:

- Complete the required 42 credits listed above;
- Achieve a minimum "C" grade in all courses; and
- Have a minimum program GPA of 2.33.

CURRICULUM

TOTAL CREDITS: 42

Course No.	Credits
All of	
BUSM 4800	3
BUSM 4805	3
BUSM 4820	3
BUSM 4850	3
EXPE 4800	3
EXPE 4814	3
FMGT 4816	3
INTB 4800	3
MARK 4800	3
MARK 4810	3
MARK 4820	3
MARK 4830	3
MARK 4840	3
STAT 4800	3

Notes:
1. Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.

Nutrition & Food Service Management

Department: Nutrition & Food Service Management
Division: Management Programs

OPTION(S)

- Diploma in Nutrition and Food Service Management
- Diploma in Nutrition and Food Service Management (Advanced Standing Option)
- Diploma in Nutrition and Food Service Management (BBA Transfer Option)

GENERAL INFORMATION

The nutrition and food service management program provides educational opportunities for individuals who wish to pursue a career in food service management, with a focus on the health care sector.

This diploma program can be completed fully online, and students have the option of taking support courses on campus. Students studying full-time can complete the diploma in two years. Students studying part-time have a maximum of six years to complete the full diploma program options. Applicants may begin the program in any semester.

Students may choose the bachelor of business administration (BBA) transfer option of this diploma. Students in this option will complete most of the bridging courses required for admission to the third year of the BBA (business management or marketing management concentrations).

Applicants holding a Bachelor of Science in Nutritional Science, dietetics, or related higher-level degree from a recognized Canadian post-secondary institution may enter the advanced standing option directly into second year.

There are three streams available:

- Two-year diploma program
- BBA transfer option

- Advanced standing option

The graduate is eligible for membership in the Canadian Society of Nutrition Management and regional associations upon completion of the program curriculum.

Support courses can be completed online, in person at Langara College, or at a college close to students (depending on course transferability and if the course meets graduation requirements).

DIPLOMA IN NUTRITION AND FOOD SERVICE MANAGEMENT

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. A resumé
2. Two letters of reference
3. A letter of intent
4. Valid FoodSafe Level 1 (Basic) or equivalent

Applicant Notes

1. Two letters of reference attesting to the abilities that would be an asset in a career in food service management, preferably, one of which must be from an employer.
2. Letter of intent is to be a maximum two pages that explains why the applicant wishes to enter the program and that demonstrates they have an understanding of the role and responsibilities of a Nutrition Manager in a health care setting.
3. Valid FoodSafe Level 1 (Basic) or equivalent must have been completed in the last five years
4. Applicants with previous work experience in the food service industry may be eligible for Prior Learning, Flexible Assessment, and Recognition (PLFAR) as determined by the department chair.
5. Program courses may have specific prerequisites beyond program admission requirements. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.
6. Once accepted, all students are required to complete a criminal record check (CRC) in accordance with Langara Criminal Record Check Policy (E2005) and submit a vaccination record. The information needed to complete these tasks will be emailed to each applicant, and completed in their first term of the program.
7. Admission to a program does not guarantee registration into required courses.

Application Deadline

All required documents must be submitted by:

- **Fall Semester**: May 31
- **Spring Semester**: October 31
- **Summer Semester**: February 28

Late applications will be accepted if space is available.

Please refer to the program application dates on the Application Information page.

CURRICULUM

Students work in their homes at times convenient to them. Typically, students can expect to spend 8–10 hours per week per course.

TOTAL CREDITS: 60–61

YEAR ONE

Course No.	Credits
All of	
FSRV 1113	3
FSRV 1213	3
FSRV 1219	2
FSRV 3114	3
FSRV 3214	3
NUTR 2112 [1,]	3
NUTR 2212 [1]	3

Support Courses (to be taken Year One)

Course No.	Credits
One of	
BIOL 1111	4
BIOL 1115	4
BIOL 1175 [5]	3
BIOL 1190	4
Three credits of university-transferable biology	3
One of	
BUSM 1100	3
BUSM 2200	3
One of	
CMNS 1118 [1]	3
ENGL 1123 [1]	3
ENGL 1127 [1]	3

YEAR TWO

Course No.	Credits
All of	
FSRV 2429	2
FSRV 4323 [1]	3
FSRV 4324	3
FSRV 4444	3
NUTR 2322 [1]	3
NUTR 2422 [1]	3
One of	
FSRV 2329 [4] and	2
FSRV 2529 [4]	3
FSRV 2629 [4]	5

Support Courses (to be taken Year Two)

Course No.	Credits
BUSM 2115	3
One of	
BUSM 1500 [1]	3
CMNS 1115 [1]	3
CMNS 2228 [1, 6]	3
One of	
PSYC 1115	3
PSYC 1215	3

Notes:

1. Students must complete one of BUSM 1500, CMNS 1115, or 2228; CMNS 1118, ENGL 1123, or 1127; FSRV 4323; and NUTR 2112, 2212, 2322, and 2422 with a minimum "C" grade and all remaining courses in

the diploma program with a minimum "C-" grade in order to be eligible for graduation.

2. Check the prerequisites for the arts, science and business courses that are part of the program.
3. Please ensure that courses taken at other institutions are fully transferable to Langara College for graduation credit. Check the BCCAT Guide (www.bccat.bc.ca) for details. If in doubt, confirm transferability of courses selected from other institution with the department chair before registering for these courses.
4. FSRV 2329 and 2529, or 2629 are capstone courses and can only be taken once all other courses have been successfully completed.
5. BIOL 1175 is the only BIOL course that is available online.
6. CMNS 2228 is the only option available online.

DIPLOMA IN NUTRITION AND FOOD SERVICE MANAGEMENT (ADVANCED STANDING OPTION)

Upon approval of block transfer credit and completion of 33 credits from the program, a Diploma in Nutrition and Food Service Management will be granted.

Students studying full-time can complete the diploma in one year (three or four semesters). Students have a maximum of three years to complete the program.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Baccalaureate Degree in Nutrition or Dietetics from a recognized Canadian academic institution (or equivalent)

International Applicants: Baccalaureate Degree in Nutrition or Dietetics from a recognized Canadian academic institution (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. A resumé
2. Two letters of reference
3. A letter of intent
4. Valid FoodSafe Level 1 (Basic) or equivalent

Applicant Notes

1. Two letters of reference attesting to the abilities that would be an asset in a career in food service management, preferably, one of which must be from an employer.
2. A letter of intent (maximum two pages) that explains why the applicant wishes to enter the program and that demonstrates they have an understanding of the role and responsibilities of a Nutrition Manager in a health care setting.
3. Valid Food Safe Level 1 (or equivalent) completed within the past five years.
4. Admission to a program does not guarantee registration into required courses.
5. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.
6. Applicants with previous work experience in the food service industry may be eligible for Prior Learning, Flexible Assessment and Recognition (PLFAR) in FSRV 1219 as determined by the department chair.

Application Deadline

All required documents must be submitted by:

- **Fall Semester**: May 31
- **Spring Semester**: October 31
- **Summer Semester**: February 28

Late applications will be accepted if space is available.

Please refer to the program application dates on the Application Information page.

CURRICULUM

TOTAL CREDITS: 60

Course No.	Credits
All of	
BUSM 2115	3
FSRV 1219	2
FSRV 2429	2
FSRV 4323	3
FSRV 4324	3
FSRV 4444	3
NUTR 2322	3
NUTR 2422	3
One of	
BUSM 2200	3
MARK 1115	3
One of	
CMNS 1118	3
CMNS 2228	3
One of	
FSRV 2329 and	2
FSRV 2529	3
FSRV 2629	5
One university-transferable English course [3]	3
24 transfer credits [2]	24

Notes:

1. Students must complete all courses in the Diploma in Nutrition and Food Service Management (Advanced Standing Option) with a minimum "C-" grade and a minimum "C" grade in CMNS 1118 or 2228, FSRV 4323, NUTR 2322, and 2422 to be eligible for graduation. Students will also need to adhere to the Credentials Policy for graduation requirements.
2. The 24 credits are transferred when the applicant is accepted into the program.
3. The three credits of university-transferable English are transferred when the applicant is accepted into the program.

DIPLOMA IN NUTRITION AND FOOD SERVICE MANAGEMENT (BBA TRANSFER OPTION)

Students choosing the BBA transfer option will complete specific electives that will enable them to transfer directly to third year of Langara's bachelor of business administration providing they meet the minimum cumulative GPA requirements for admission to third year of the degree. ECON 1220 or 1221, normally a required bridging course for entry to third year of this degree must be completed during the third year if not previously completed. Students completing all four food service practicums (FSRV 1219, 2329, 2429, and 2529) will be exempted from the BUSM 3000 requirement of the BBA.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. A resumé
2. Two letters of reference
3. A letter of intent
4. Valid FoodSafe Level 1 (Basic) or equivalent

Program Notes

1. Applicants holding a Bachelor of Science in Nutritional Science or higher-level degree from a recognized Canadian post-secondary institution may receive up to 30 transfer credits toward completion of the program.
2. All students applying to the Nutrition and Food Service Management Diploma Program must have a level of English sufficient to write assignments, read and understand course material, complete assessments, and take part in class discussion.
3. Two letters of reference attesting to the abilities that would be an asset in a career in food service management, one of which must be from an employer.
4. A letter of intent (maximum two pages) that explains why the applicant wishes to enter the program and that demonstrates they have an understanding of the role and responsibilities of a nutrition manager in a health care setting.
5. Valid FoodSafe Level 1 (Basic) or equivalent must be completed within the last 5 years.
6. Applicants with previous work experience in the food service industry may be eligible for Prior Learning.
7. Admission to a program does not guarantee registration into required courses.
8. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.
9. Flexible Assessment and Recognition (PLFAR) as determined by the department chair.
10. Depending on the health policies of the fieldwork and practicum sites, students may be required to have a flu shot or other vaccinations/ tests such as Hepatitis A and TB before starting practicum courses. A criminal record check may be required for some placement sites.

Application Deadline

All required documents must be submitted by:

- **Fall Semester**: May 31
- **Spring Semester**: October 31
- **Summer Semester**: February 28

Late applications will be accepted if space is available.

Please refer to the program application dates on the Application Information page.

CURRICULUM

TOTAL CREDITS: 66–67

YEAR ONE

Course No.	Credits
All of	
FSRV 1113	3
FSRV 1213	3
FSRV 1219	2
FSRV 3114 [3]	3
FSRV 3214 [3]	3
NUTR 2112 [3]	3
NUTR 2212 [3]	3

Support Courses (to be taken Year One)

Course No.	Credits
All of	
BUSM 1100	3
CMNS 1118	3
One of	
BIOL 1111	4
BIOL 1115	4
BIOL 1175 [7]	3
BIOL 1190	4

YEAR TWO

Course No.	Credits
All of	
FSRV 2429	2
FSRV 4323	3
FSRV 4324	3
FSRV 4444	3
NUTR 2322 [3]	3
NUTR 2422 [3]	3
One of	
FSRV 2329 [6] and	2
FSRV 2529 [6]	3
FSRV 2629 [6]	5

Support Courses (to be taken Year Two)

Course No.	Credits
All of	
MARK 1115	3
PSYC 1215	3
One of	
CMNS 1115	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3

Support Courses (to be taken Year One or Two)

Course No.	Credits
One of	
ECON 1220	3
ECON 1221	3

Notes:

1. Students must complete BUSM 1500, CMNS 1115, or 2228; CMNS 1118, ENGL 1123, or 1127; FSRV 4323 ; and NUTR 2112, 2212, 2322, and 2422 with a minimum "C" grade and all remaining courses in the diploma program with a minimum "C-" grade in order to be eligible for graduation.
2. Students wanting to transfer into the third year of the BBA (business management or marketing management concentrations) must meet the minimum CGPA requirement for admission to third-year of the BBA and must complete ECON 1220 or 1221 while in third year of the program if not completed previously.
3. FSRV 3114, 3214, NUTR 2112, 2212, 2322, and 2422 are compressed courses each offered over one-half of the term. FSRV 3114, NUTR 2112, and 2322 are offered in the first half of term and FSRV 3214, NUTR 2212, and 2422 are offered in the last half of the term.
4. Check the prerequisites for the arts and science courses that are part of the program.
5. Please ensure that courses taken at other institutions are fully transferable to Langara College for graduation credit. Check the BCCAT Guide (www.bccat.bc.ca) for details. If in doubt, confirm transferability of courses selected from other institutions with the department chair before registering for these courses.
6. FSRV 2329 and 2529, or 2629 are capstone courses and can only be taken once all other courses have been successfully completed.
7. BIOL 1175 is the only BIOL course that is available online.

Social Media Marketing

Department: Langara School of Management
Division: Management Programs

OPTION(S)

- Social Media Marketing

GENERAL INFORMATION

To succeed in today's economy, organizations must incorporate social media into their marketing and business

Faculty of Nursing

NURSING

Advanced Entry BSN 91
Foundations in Health Studies 92
Nursing 92
Nursing Practice in Canada 94

Advanced Entry BSN

Department: Langara School of Nursing
Division: Nursing

OPTION(S)

- Bachelor of Science in Nursing

GENERAL INFORMATION

LPNs admitted to the Advanced Entry BSN will complete BIOL 2192 and then enter Term Three of the BSN. Orientation to the BSN will be provided by the School of Nursing in order to ensure that the students understand the curriculum and several BSN program elements that are specific to the Langara program.

ADMISSION REQUIREMENTS

Please refer to the information regarding general requirements for admission and application to Langara College programs.

Academic Requirements

Applicants must be currently registered and licensed as a full scope Licensed Practical Nurse in the province of British Columbia.

1. A minimum grade point average (GPA) of 2.33 in courses required for admission (see note 2.)
2. Applicants must complete the following courses with a minimum "C+" grade (unless otherwise noted):

- ENGL 1100, 1127, or 1128 (or equivalent);
- Any university-transferable English course that is not equivalent to ENGL 1100, 1123, 1127, or 1128;
- BIOL 1190[1,2];
- BIOL 1191[1,2]; and
- A minimum "C+" grade in PSYC 2321[2], a minimum "A" grade in STAT 1123[2], or a minimum "C+" grade in STAT 1124[2].

Notes:

1. To meet program requirements BIOL 1190 and 1191, or equivalents, must be completed at the same institution.
2. Must be completed within five years prior to the application deadline.

Program Preferences

Preference may be given to applicants with higher than the minimum GPA or a bachelor's or higher degree from a recognized Canadian post-secondary institution.

Application Deadlines

All admission requirements must be complete and documentation submitted by the following dates:

- September intake: January 31
- January intake: May 31

Supporting Documents

Applicants who receive offers of admission must submit the following:

- A satisfactory Criminal Records Review
- A complete and current Immunization and Communicable Disease Form
- Certification in CPR Basic Life Support (BLS) or equivalent
- Official transcript from Practical Nursing program

Transferability

For details on transferability, check British Columbia Council on Admissions & Transfer.

ADVANCED ENTRY BSN

CURRICULUM

TOTAL PROGRAM CREDITS: 3

Course No.	Credits
BIOL 2192	3

After successful completion of BIOL 2192, students will follow the BSN curriculum beginning in Term Three through Term Nine.

Student Maintenance of Standing Requirements

Students are responsible for their maintenance of standing while enrolled in the Langara College Bachelor of Science in Nursing (BSN) or in the Advanced Entry BSN.

Students enrolled in the BSN or the Advanced Entry BSN are advised that progression in the program requires that all students maintain a 2.33 cumulative GPA with no grade lower than "C+" for all program courses.

Students enrolled in the BSN or the Advanced Entry BSN may not register for any program course more than twice.

All students when enrolled in their first year of the BSN receive a copy of the Langara College School of Nursing Handbook which outlines specific policies and procedures, including attendance, conduct, dress, evaluation, and progression guidelines.

If students have specific questions related to the handbook, they may contact the student coordinator for the School of Nursing.

Foundations in Health Studies

Department: Langara School of Nursing
Division: Nursing

OPTION(S)

- Citation in Foundations in Health Studies

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Program Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates on the Application Information page.

CITATION IN FOUNDATIONS IN HEALTH STUDIES

CURRICULUM

TOTAL PROGRAM CREDITS: 15

Course No.	Credits
All of	
BIOL 1190 [2]	4
BIOL 1191 [2]	4
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
PSYC 2321	3
STAT 1124	3
One university-transferable English course	3

Notes:

1. Students intending on using the course work contained in the citation as an application to the School of Nursing are reminded to visit the Langara College website for complete admission requirements.
2. Students are reminded that program requirements for BIOL 1190 and 1191, or equivalents, must be completed at the same institution.

Nursing

Department: Langara School of Nursing
Division: Nursing

OPTION(S)

- Bachelor of Science in Nursing

PURPOSE AND PROGRAM OUTCOMES

The purpose of the BSN program is to provide graduates with a broad base of knowledge, attitudes, skills, and abilities. This will prepare them to provide professional nursing services to clients who have a full range of complex health challenges and also to work effectively in rapidly changing and diverse practice environments. The Langara College BSN program is designed to educate nurses to work with individuals, families, and communities from a caring and health-promotion perspective.

Upon successful completion of all the program requirements, leading to a BSN degree, graduates are eligible to write the registration exam to become a Registered Nurse in Canada.

The BSN program has two intakes of students per year (fall [September] and spring [January]) and consists of nine semesters. All semesters are consecutive; there is, therefore, no time off during the program. However, there are college breaks of approximately two weeks duration between semesters as well as time off for Statutory Holidays.

The language of education in the School of Nursing is English. A high level of understanding and functionality is essential for safe client care in all areas where health care professionals work in British Columbia. Good writing ability is a requirement for these programs. In addition, a foundational understanding of mathematics including decimals, fractions, and metric conversions is also essential.

Classes are generally held Monday through Fridays beginning as early as 8:30 am and ending as late as 6:30 pm. Many courses are delivered using a mixed-mode method.

Practice experiences can be held on weekdays or weekends and range in hours from 6:30 am to 9:30 pm. Preceptorship experiences include working night shifts from 7:30 pm to 7:30 am.

Flexibility to adjust to early morning, evening, or night shifts, in a variety of clinical settings, and locations within the lower mainland is essential. Most locations are accessible with the use of public transit. However, some placements in the community may require a vehicle.

Course names that end in "Practice" or "Practice Experience" are clinical placement experiences that occur off-campus in a variety of health care facilities and settings.

As the Langara College nursing programs continue to evolve, the information presented on the College website and in the College Calendar is subject to change.

ADMISSION REQUIREMENTS

Please refer to the information regarding general requirements for admission and application to Langara College programs.

Academic Requirements

1. A minimum grade point average (GPA) of 2.33 on courses required for admission. 2
2. Applicants must complete the following courses with a minimum "C+" grade (unless otherwise noted):

- ENGL 1100, 1123, 1127, or 1128 (or equivalent);
- Any university-transferable English course that is not equivalent to ENGL 1100, 1123, 1127, or 1128;
- BIOL 1190[1,2];
- BIOL 1191[1,2]; and
- A minimum "C+" grade in PSYC 2321[2]; a minimum "A" grade in STAT 1123[2]; or a minimum "C+" grade in STAT 1124[2].

Notes:

1. To meet program requirements BIOL 1190 and 1191, or equivalents, must be completed at the same institution.
2. Must be completed within five years prior to the application deadline.

Program Preferences

Preference may be given to applicants with higher than the minimum GPA or a bachelor's or higher degree from a recognized Canadian post-secondary institution.

Application Deadlines

All admission requirements must be complete and documentation submitted by the following dates:

- September intake: January 31
- January intake: May 31

Supporting Documents

Applicants who receive offers of admission must submit the following:

- A satisfactory Criminal Records Review
- A complete and current Immunization and Communicable Disease Form
- Certification in Standard First Aid
- Certification in CPR Basic Life

Transferability

For details on transferability, check British Columbia Council on Admissions & Transfer.

BACHELOR OF SCIENCE IN NURSING

CURRICULUM

TOTAL PROGRAM CREDITS: 132

TERM ONE (TOTAL CREDITS: 14)

Course No.	Credits
All of	
NURS 1109	3
NURS 1121	3
NURS 1130	3
NURS 1160	2
NURS 1163	3

TERM TWO (TOTAL CREDITS: 16)

Course No.	Credits
All of	
BIOL 2192	3
NURS 1209	3
NURS 1260	2
NURS 1261	3
NURS 1263	5

TERM THREE (TOTAL CREDITS: 16)

Course No.	Credits
All of	
BIOL 2292	3
NURS 2109	3
NURS 2160	2
NURS 2161	3
NURS 2163	5

TERM FOUR (TOTAL CREDITS: 16)

Course No.	Credits
All of	
BIOL 3192	3
NURS 2209	3
NURS 2260	2
NURS 2261	3
NURS 2263	5

TERM FIVE (TOTAL CREDITS: 16)

Course No.	Credits
All of	
NURS 2221	3
NURS 3130	3
NURS 3160	2
NURS 3162	5
NURS 4122	3

TERM SIX (TOTAL CREDITS: 17)

Course No.	Credits
All of	
NURS 3209	3
NURS 3261	3
NURS 3262	3
NURS 3264	2.5
NURS 3265	2.5
PHIL 1105	3

TERM SEVEN (TOTAL CREDITS: 14)

Course No.	Credits
All of	
NURS 3161	3
NURS 3165	2.5
NURS 3364	2.5
NURS 3367	3
NURS 4100	3

TERM EIGHT (TOTAL CREDITS: 11)

Course No.	Credits
All of	
NURS 3321	3
NURS 4161	3
NURS 4163	5

TERM NINE (TOTAL CREDITS: 12)

Course No.	Credits
NURS 4265	12

September Intake

September - December	January - April	May - August
Term One	Term Two	Term Three
Term Four	Term Five	Term Six
Term Seven	Term Eight	Term Nine

January Intake

January - April	May - August	September - December
Term One	Term Two	Term Three
Term Four	Term Five	Term Six
Term Seven	Term Eight	Term Nine

Student Maintenance of Standing Requirements

Students are responsible for their maintenance of standing while enrolled in the Langara College Bachelor of Science in Nursing (BSN) . Students enrolled in the BSN are advised that progression in the program requires that all students maintain a 2.33 cumulative GPA with no grade lower than "C+" for all program courses.

Students enrolled in the BSN may not register for any program course more than twice.

All students when enrolled in their first year of the BSN receive a copy of the Langara College School of Nursing Handbook which outlines specific policies and procedures, including attendance, conduct, dress, evaluation, and progression guidelines.

Nursing Practice In Canada

Department: Langara School of Nursing
Division: Nursing

OPTION(S)

- Post-Degree Diploma in Nursing Practice in Canada

GENERAL INFORMATION

The Langara Post-Degree Diploma in Nursing Practice in Canada is designed to effectively prepare Internationally Educated Nurses (IEN) for eligibility and application for nurse licensure and nursing practice positions. The program content includes critical thinking, clinical judgment and decision making, verbal and written communication, and cultural safety as applied within the health care setting.

The program includes active learning and a variety of evaluation methodologies with an emphasis on entry-to-practice competencies and standards of practice. Students will have opportunities within the classroom, nursing laboratory and clinical practice setting to apply nursing knowledge, build their clinical competency and enhance their psychomotor skills.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Bachelor of Science Nursing or three-year Diploma in Nursing within the last four years

International Applicants: Bachelor of Science Nursing or three-year Diploma in Nursing within the last four years

English Language Requirement

Category 2

Additional Requirements

1. Hold current registration/licensure in a country other than Canada.
2. 10-minute video interview

Applicant Notes

1. Applicants who graduated more than four years prior to the start of the NPIC program must meet the above requirements. In addition, these applicants are required to submit a Supplemental Application Form. Once the form has been received and reviewed, an link for the video interview will be emailed.
2. Admission to a program does not guarantee registration into required courses.

Application Deadline

All admission requirements must be complete and documentation submitted by the following dates:

- January intake: July 31
- September intake: March 31

POST-DEGREE DIPLOMA IN NURSING PRACTICE IN CANADA

CURRICULUM

TOTAL PROGRAM CREDITS: 50

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
NURS 5110	3
NURS 5115	3
NURS 5120	3
NURS 5130	3
NURS 5135	3

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
NURS 5100	3
NURS 5125	3
NURS 5145	3
NURS 5185	6

TERM THREE (TOTAL CREDITS: 10)

Course No.	Credits
All of	
NURS 5265	4
NURS 5275	3
NURS 5280	3

TERM FOUR (TOTAL CREDITS: 10)

Course No.	Credits
NURS 5285	10

Note:
Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.

Student Progression and Maintenance of Standing

In order to progress in the program, students must achieve a minimum "C+" or "S" grade in all courses.

To progress from Term One to Term Two, students must:

1. Submit a completed Criminal Record Check (CRC) to the NPIC department assistant before the end of Term One. Students will not be permitted to progress from Term One to Term Two unless they have submitted a CRC.
2. Seek a credential evaluation at one of the following agencies: the Canadian branch of World Education Service (WES); Comparative Education Service (CES); International Credential Assessment Service (ICAS); or International Credential Evaluation Services (ICES). Students must submit proof of payment for credential evaluation to the NPIC coordinator at least one week prior to NPIC registration for Term Two.

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Arts (General)

OPTION(S)

- Associate of Arts Degree

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF ARTS DEGREE

CURRICULUM

The associate of arts degree requires the successful completion of a minimum of 60 credits that have assigned or unassigned credit at Simon Fraser University, the University of British Columbia, the University of Victoria, or the University of Northern British Columbia.

Within the minimum 60 credits, students must complete:

1. Six credits in first-year English;
2. 36 credits in arts (including a minimum of 18 credits in arts at the second-year level taken in two or more subject areas) which must include:
   - Six credits in the social sciences;
   - Six credits in humanities (including the creative and performing arts) other than English;
   - 24 additional credits in arts;
3. Nine credits in science which shall include at least:
   - Three credits in mathematics or computing science or statistics;
   - Three credits in a laboratory science;
4. Nine credits of first- or second-year courses (Students may include university-transfer credit from career program and kinesiology and recreation courses); and
5. A minimum cumulative GPA of 2.0.

No course may be used to meet more than one of the specific requirements.

In addition to the regular Associate of Arts Degree (Arts - General), Langara College offers associate of arts degrees in the following concentrations:

- Aboriginal Studies
- Asian Studies
- Canadian Studies
- Classical Studies
- Commerce and Business Studies
- Creative Writing
- English
- Environmental Studies
- Family Studies
- Geography
- Health Sciences
- History
- Latin American Studies
- Mathematics
- Peace and Conflict Studies
- Philosophy
- Political Science
- Psychology
- Women's Studies

ASSOCIATE DEGREE DEFINITIONS

FIRST-YEAR AND SECOND-YEAR COURSES

- A first-year course is defined as a course which has assigned or unassigned transfer credit at the 100-level at UBC, SFU, UVic, or UNBC.
- A second-year course is defined as a course which has assigned or unassigned transfer credit at the 200 level or higher at UBC, SFU, UVic, or UNBC.
- An arts course is defined to be any first- or second-year course in a subject area for which there is a baccalaureate of arts degree at UBC, SFU, UVic, or UNBC.
- A science course is defined as any first- or second-year course in a subject area for which there is a baccalaureate of science degree or baccalaureate of applied science degree at UBC, SFU, UVic, or UNBC.
- A laboratory science is one in which a substantial component of student instruction involves the study of natural phenomena.
- For a classification of Langara College courses, i.e., humanities, arts, social science, science, and lab science, see the online course descriptions.

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, 1107, 1108, 1110, 1120, MATH 1100, 1101, and 1150. COOP and EXPE courses may only be used to meet co-operative education and work experience requirements. Students can refer to the course descriptions for further information.

Students are assessed for graduation based on the semester that they started their program.

Arts and Science (General)

OPTION(S)

- Diploma in Arts and Science

GENERAL INFORMATION

The diploma in arts and science requirements allow for considerable flexibility in the choice of courses that a student may complete. Students can design their curriculum to meet their own needs or interests or to meet the requirements for further study. In addition to the general diploma in arts and science, Langara College offers diplomas in arts and science with the following concentrations:

- Aboriginal Studies
- Asian Studies
- Canadian Studies
- Classical Studies
- Commerce
- Environmental Studies
- Family Studies
- Health Sciences (Arts)
- Health Sciences (Science)
- Latin American Studies
- Peace and Conflict Studies
- Women's Studies

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN ARTS AND SCIENCE

CURRICULUM

A minimum of 60 credits including:

1. Six credits of first-year, university-transferable English
2. 39 credits of university-transferable courses that have science, social science, or humanities attributes [1]
3. 15 credits of any courses eligible to be used towards a Langara College credential[2]

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, 1107, 1108, 1110; MATH 1100 and 1101. COOP and EXPE courses may only be used to meet co-operative education requirements. Students can refer to the course descriptions for further information.

Students are assessed for graduation based on the semester that they started their program.

General Education

OPTION(S)

- Diploma in General Education

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: International applicants are not eligible for admission to the Diploma in General Education.

English Language Requirement

None

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN GENERAL EDUCATION

The Diploma in General Education is appropriate for students who prefer a diverse selection of courses and do not necessarily plan to undertake university study. Students may select the basic requirements of a minimum of 60 credits from any of the Langara College offerings that are eligible to be used for a Langara College credential. Students must choose a minimum of six credit hours from the offerings of the English department.

Program Notes:

English preparatory courses cannot be used to meet this requirement. Preparatory courses are indicated on the course listings page. Students are assessed for graduation based on the semester that they started their program.

Science (General)

OPTION(S)

- Associate of Science Degree

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF SCIENCE DEGREE

CURRICULUM

The associate of science degree requires the successful completion of a minimum of 60 credits that have assigned or unassigned credit at Simon Fraser University, the University of British Columbia, the University of Victoria, or the University of Northern British Columbia.

Within the minimum 60 credits, students must complete:

1. Six credits of MATH which shall include at least one course (three credits) in calculus;
2. A minimum of 36 credits of science, which shall include at least:
   - Three credits in a laboratory science;
   - A minimum of 18 credits in science at the second-year level taken in two or more subject areas;
3. Six credits of first-year ENGL;
4. Six credits of first- or second-year arts other than ENGL (excluding MATH and laboratory-based science courses);
5. A minimum of six credits of first- or second-year arts, science, or other university-transfer courses. (Students may include university-transfer credit from career program and KINS and RECR course offerings); and
6. A minimum cumulative GPA of 2.0.

Notes:

No course may be used to meet more than one of the specific requirements.

In addition to the regular Associate of Science Degree (Science - General), Langara College offers associate of science degrees in the following concentrations:

- Bioinformatics
- Biology
- Chemistry
- Computer Science
- Environmental Studies
- Food and Nutrition
- Health Sciences
- Mathematics
- Physics

ASSOCIATE DEGREE DEFINITIONS

FIRST-YEAR AND SECOND-YEAR COURSES

- A first-year course is defined as a course which has assigned or unassigned transfer credit at the 100-level at UBC, SFU, UVic, or UNBC.
- A second-year course is defined as a course which has assigned or unassigned transfer credit at the 200 level or higher at UBC, SFU, UVic, or UNBC.
- An arts course is defined to be any first- or second-year course in a subject area for which there is a bachelor of arts degree at UBC, SFU, UVic, or UNBC.
- A science course is defined to be any first- or second-year course in a subject area for which there is a bachelor of science degree or a bachelor of applied science degree at UBC, SFU, UVic, or UNBC.
- A laboratory science is one in which a substantial component of student instruction involves the study of natural phenomena.
- For a classification of Langara College courses, i.e., humanities, social science, arts, science, and lab-science, see the online course description.

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, ENGL 1107, ENGL 1108, ENGL 1110, ENGL 1120, ENGL1121, MATH 1100, MATH 1101, and MATH 1150. COOP and EXPE courses may only be used to meet co-operative education requirements. Students can refer to the course descriptions for further information.
3. Courses used to fulfill the English requirement can include Communications (CMNS), English (ENGL), and Science Literacy (SCIE) courses that transfer to one or more of the B.C. Research Institutions (SFU, UBC, UBC-O, UVic, or UNBC) as English credit.
4. Students intending to complete an Associate of Science Degree and then transfer to another BC institution should consult with an academic advisor at Langara for assistance with course planning and preparing to transfer.
5. Individual courses may not be transferable to some institutions. Consult the BC Transfer Guide to determine transferability of individual courses.

Students are assessed for graduation based on the semester that they started their program.

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, ENGL 1107, ENGL 1108, ENGL 1110, ENGL 1120,

Applied Science for Engineering

Division: Applied Sciences

OPTION(S)

- Diploma in Applied Science for Engineering

GENERAL INFORMATION

This program provides foundational engineering education, enabling eligibility to apply for advanced placement in Canadian Engineering Accreditation Board undergraduate programs. The diploma provides a thorough grounding in mathematics and the natural sciences, including laboratory practice, and also technical communications. Students are introduced to Canadian engineering practice, history and social context, and engineering principles of case study and design.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

1. One of the following:
   - A minimum "B" grade in Chemistry 11 or equivalent; or
   - A minimum "C" grade in Chemistry 11 or equivalent and a minimum "C" grade in Chemistry 12 or equivalent.
2. One of the following:
   - A minimum "B" grade in Physics 11 or equivalent; or
   - A minimum "C" grade in Physics 12 or equivalent.
3. A minimum "C" grade in Precalculus 12.

Program Notes

1. Preference may be given to applicants who have a minimum "C+" grade in Precalculus 12 or equivalent.
2. Chemistry, math, and physics equivalencies are determined by the respective department chairs. If you have studied chemistry, mathematics, and physics at another post-secondary school, or at a secondary school outside of BC, please contact the program coordinator.
3. Admission to a program does not guarantee registration into required courses.
4. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Application Deadline

May 15 (September intake)

Please refer to the program application dates in the Application Information section.

DIPLOMA IN APPLIED SCIENCE FOR ENGINEERING

CURRICULUM

Students are advised to begin their studies with APSC 1010, 1050, and a selection of CHEM 1118, CPSC 1050, and PHYS 1118. Students who register in APSC 1050 must also register in the APSC 1010 corequisite. Diagnostic testing and/or remedial courses may be needed before registration in English and math courses.

TOTAL CREDITS: 60

Course No.	Credits
All of	
CPSC 1050	3
CPSC 1091	3
CPSC 1491	3
ENGL 1123	3
MATH 1170	3
PHYS 1118	4
PHYS 1125	4
PHYS 1219	4
PHYS 1225	4
One of	
CMNS 2228 [1]	3
ENGL 1129	3
Three credits of university-transferable English	3
One of	
CPSC 1150 [2]	3
CPSC 1155 [2]	3
One of	
CHEM 1118 and	4
CHEM 1154	4
CHEM 1120 and	4
CHEM 1220	4
One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1

One of	
MATH 1271	3
MATH 1273 and	3
MATH 1283	1
One of	
MATH 1252	3
MATH 2362 and	3
MATH 2382	1
One of	
APSC 1010	3
humanities or social science elective [3]	3
One of	
APSC 1050	3
humanities or social science elective [3]	3

Notes:

1. Students intending to transfer to another institution should refer to that institution for its admission requirements. In particular, students should be advised that CMNS 2228 cannot be used to meet UBC's minimum English Language Admission Standard.
2. Students intending to transfer to another institution are responsible for ensuring that the course equivalency of CPSC 1150 and 1155 is suitable for their purpose
3. Students intending to register in humanities or social science electives should consult with the program coordinator.

Computer Science

Department: Computer Science
Division: Applied Sciences

OPTION(S)

- Associate of Science Degree in Computer Science
- Associate of Science Degree in Computer Science (Co-operative Education)

ASSOCIATE OF SCIENCE DEGREE IN COMPUTER SCIENCE

Students in the Associate of Science in Computer Science will gain a foundation of knowledge in computer science and prepare for further, specialized study.

The program can be completed in two years if started in fall semester; can be started in other semesters, but may take longer than two years to complete.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 60 credits including the following:

Course No.	Credits
All of	
CPSC 1050	3
CPSC 1160	3
CPSC 1181	3
CPSC 2150	3
MATH 2362	3
One of	
CPSC 1150	3
CPSC 1155	3
One of	
CPSC 1280 and	3
one second-year CPSC course or	3
two second-year CPSC course(s)	6
One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
One of	
MATH 1271	3
MATH 1273 and	3
MATH 1283	1

ASSOCIATE OF SCIENCE DEGREE IN COMPUTER SCIENCE (CO-OPERATIVE EDUCATION)

Students in the Associate of Science in Computer Science will gain a foundation of knowledge in computer science and prepare for further, specialized study.

The program can be completed in two years if started in fall semester; can be started in other semesters, but may take longer than two years to complete.

ADMISSION REQUIREMENTS

To be admitted and participate in the co-operative education option, you must:

- Be enrolled in three program courses (minimum nine credits) or more, not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-operative education officer; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

Also see co-operative education programs.

For further information, please contact the student affairs coordinator in the Computer Science and Information Systems department.

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 66 credits including the following:

Course No.	Credits
All of	
COOP 2301	3
CPSC 1050	3
CPSC 1160	3
CPSC 1181	3
CPSC 2150	3
EXPE 2300 [4]	3
MATH 2362	3
One of	
CPSC 1150	3
CPSC 1155	3
One of	
CPSC 1280 and	3
one second-year CPSC course or	3
two second-year CPSC course(s)	6

One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
One of	
MATH 1271	3
MATH 1273 and	3
MATH 1283	1

Notes:

1. Students who wish to participate in this co-operative education option must maintain above-average academic standing and demonstrate potential for success in their chosen field.
2. One four-month work term (a minimum of 420 hours) must be completed for a co-operative education designated associate degree. Employers provide co-op officers with job descriptions to be posted. Students submit their resumé via the co-operative education officer who will submit the package to the employer and arrange job interviews. Students are also strongly encouraged to start building their professional network and be active participants in self marketing to source their co-op work placement.
3. Employers make the hiring decisions and establish the working conditions, salary, and benefits. The co-operative education option has proven to be of great benefit to students. Students have the opportunity to apply their knowledge, to develop skills in a practical work setting, and to gain related experience before commencing their professional careers.
4. Formerly BUSM 2300/COOP 2300.

Computer Studies

Department: Computer Science
Division: Applied Sciences

OPTION(S)

- Diploma in Computer Studies
- Diploma in Computer Studies (Co-operative Education)

DIPLOMA IN COMPUTER STUDIES

Students in the Diploma in Computer Studies program will build a broad knowledge of computer systems for a career in computing.

The program can be completed in two years if started in fall semester; can be started in other semesters, but may take longer than two years to complete.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

CURRICULUM

Students must complete a minimum of 60 credits including:

TOTAL CREDITS: 60

Course No.	Credits
All of	
CPSC 1030	3
CPSC 1045	3
CPSC 1160 [1]	3
CPSC 1181	3
CPSC 1280	3
CPSC 1480	3
CPSC 2221	3
One of	
CPSC 1050	3
CSIS 1300	3
One of	
CPSC 1150	3
CPSC 1155	3
Two of	
CMNS 1115	3
CMNS 1118	3
CMNS 2228	3
ENGL 1100	3
ENGL 1123 or	3
ENGL 1127 or	3
ENGL 1128	3
ENGL 1129 or	3
ENGL 1130	3
SCIE 1113 or	4
SCIE 1114	4
One approved business course (i.e., any BUSM, FMGT, INTB, or MARK course excluding EXPE 2300 (formerly BUSM 2300/COOP 2300), and COOP courses)	3
Four electives from CPSC or CSIS numbered above 2000	12
Four university-transferable electives from any department, one of which must be numbered 2000 or above	12

Note:

1. Students not meeting the math prerequisites for CPSC 1160 should consider using some of their elective credits to upgrade their math skills.

DIPLOMA IN COMPUTER STUDIES (CO-OPERATIVE EDUCATION)

Students in the Diploma in Computer Studies program will build a broad knowledge of computer systems for a career in computing.

Students who wish to participate in this option must maintain above average academic standing and demonstrate potential for success in their chosen professional field.

One four-month work term (a minimum of 420 hours) must be completed for a co-operative education designated diploma. Students may complete a second work term. Beginning each January, May, or September, some work terms are extended for a total of eight months. Employers provide the co-op officers with job descriptions to be posted. Students submit their resumés via the co-op officer who will submit the package to the employer and arrange job interviews. Students are also strongly encouraged to start building their professional network and be an active participant in self-marketing in order to source their co-op work placements.

Employers make the hiring decisions and establish the working conditions, salary and benefits. The co-operative education option has proven to be of great benefit to students. Students have the opportunity to apply their knowledge, to develop skills in a practical work setting, and to gain related experience before commencing their professional careers.

The program can be completed in two years if started in fall semester; can be started in other semesters, but may take longer than two years to complete.

ADMISSION REQUIREMENTS

To be admitted and participate in the co-operative education option, you must:

- Be enrolled in three or more program courses (minimum nine credits), not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-op officer; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

Also see co-operative education programs.

For further information, please contact the student affairs coordinator in the Computing Science and Information Systems department.

CURRICULUM

Students must complete a minimum of 66 credits including:

TOTAL CREDITS: 66

Course No.	Credits
All of	
CPSC 1030	3
CPSC 1045	3
CPSC 1160 [1]	3
CPSC 1181	3
CPSC 1280	3
CPSC 1480	3
CPSC 2221	3
COOP 2301	3
EXPE 2300	3
One of	
CPSC 1050	3
CSIS 1300	3
One of	
CPSC 1150	3
CPSC 1155	3
Two of	
CMNS 1115	3
CMNS 1118	3
CMNS 2228	3
ENGL 1100	3
ENGL 1123 or	3
ENGL 1127 or	3
ENGL 1128	3
ENGL 1129 or	3
ENGL 1130	3
SCIE 1113 or	4
SCIE 1114	4
One approved business course (i.e., any BUSM, FMGT, INTB, or MARK course excluding EXPE 2300 (formerly BUSM 2300/COOP 2300), and COOP courses)	3
Four electives from CPSC or CSIS numbered above 2000	12
Four university-transferable electives from any department, one of which must be numbered 2000 or above	12

Note:

1. Students not meeting the math prerequisites for CPSC 1160 should consider using some of their elective credits to upgrade their math.

Data Visualization in Biological Sciences

Department: Bioinformatics
Division: Applied Sciences

OPTION(S)

- Data Visualization in Biological Sciences

GENERAL INFORMATION

Expertise in data visualization applications in the life sciences can help turn complex biological data into clear, interpretable visuals. Students learn to turn large, heterogeneous biological datasets into decision-ready insights. The program builds three core abilities: (1) preparing and validating data with scripting and command-line workflows to produce tidy, analysis-ready outputs; (2) deploying and scaling pipelines in the cloud using containerized, reproducible practices and distributed processing; and (3) communicating results through clear visualizations and interactive dashboards. Learners tackle authentic cases, apply quality controls and metadata standards, and practise collaboration, versioning, and light automation. Graduates move from raw data to trustworthy, shareable outputs for modern bioinformatics.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Diploma (or equivalent) in Computer Science, Biology, or Life Sciences

International Applicants: Diploma (or equivalent) in Computer Science, Biology, or Life Sciences

English Language Requirements

Category 3

Applicant Notes

Please note, this program will include some coding; we recommend that students have some proficiency in Python or a similar programming language prior to starting the program.

DATA VISUALIZATION IN BIOLOGICAL SCIENCES

CURRICULUM

TOTAL PROGRAM CREDITS: 4

Course No.	Credits
All of	
BINF 3005	1
BINF 3010	1
BINF 3015	1
BINF 3020	1

Engineering

Division: Applied Sciences

OPTION(S)

- Certificate in Arts and Science (Engineering)

GENERAL INFORMATION

Langara's Certificate in Arts and Science (Engineering) is a BCCAT articulated program providing courses to match the first year of engineering study at the University of British Columbia. Those courses satisfy the UBC Faculty of Applied Science requirements for engineering transfer classification when completed in the regular two-semester academic year.

At Langara, the Certificate in Arts and Science (Engineering) can serve as the first year towards a diploma in arts and science or an Associate of Science Degree. The certificate is awarded upon completion of the courses with a minimum CGPA of 2.5, which must be earned in a period of no longer than five consecutive semesters.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 1

Additional Requirements

1. One of the following:
- A minimum "B" grade in Chemistry 12 or equivalent; or
- A minimum "C+" grade in CHEM 1118 at Langara College.

2. One of the following:
- A minimum "B" grade in Physics 12 or equivalent;
- A minimum "C+" grade in PHYS 1118 at Langara College; or
- Physics Diagnostic Test results allowing registration into PHYS 1125.

3. One of the following:
- A minimum "B" grade in Precalculus 12 or equivalent;
- A minimum "C+" grade in Precalculus 12 and a minimum "C-" grade in Calculus 12;
- A minimum "C+" grade in MATH 1170 at Langara College; or
- A minimum score of 90 on the Mathematics Diagnostic Test.

Program Notes

1. Admission by diagnostic test scores is permitted only with departmental approval. Diagnostic test information is available on the College website.
2. Program preference will be given to applicants who have demonstrated that they can handle a heavy course load.
3. Admission into the Certificate in Arts and Science (Engineering) is competitive; meeting the minimum admission requirements does not guarantee admission into the program.
4. Admission to a program does not guarantee registration into required courses.

Please refer to the program application dates in the Application Information section.

CERTIFICATE IN ARTS AND SCIENCE (ENGINEERING)

CURRICULUM

TOTAL CREDITS: 40-43

TERM ONE

Course No.	Credits
All of	
APSC 1000	0
CHEM 1154	4
CPSC 1091	3
PHYS 1125	4
One of	
CPSC 1150	3
CPSC 1155	3
One of	
ENGL 1123	3
ENGL 1127	3
One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1

Term Notes:

Progression into a second term of this limited enrolment program requires satisfactory ("C-" minimum) completion of all seven courses indicated in the Term One curriculum, or special approval of the program coordinator. Students may apply for re-admission to the program a second time.

TERM TWO

Course No.	Credits
All of	
APSC 1100	0
CPSC 1491	3
PHYS 1219	4
PHYS 1225	4
One of	
CMNS 2228	3
ENGL 1129	3
any university-transferable ENGL course	3
One of	
MATH 1271	3
MATH 1273 and	3
MATH 1283	1
One of	
MATH 1252	3
MATH 2362 and	3
MATH 2382	1

Term Notes:

Students intending to transfer to another institution are responsible for ensuring that CMNS 2228 is suitable for their purpose. In particular, students should be advised that CMNS 2228 cannot be used to meet UBC's minimum English Language Admission Standard.

Full Stack Web Development

Department: Computer Science
Division: Applied Sciences

OPTION(S)

- Citation in Full Stack Web Development

GENERAL INFORMATION

This citation targets an identified cluster of skills that are in high demand by employers. The industry seeks full-stack developers who can work on the front-end, back-end, and storage components of a multi-tiered system, and on the interactions between those tiers.

Students will gain experience and skills in modern web programming, methodologies, tools, frameworks, and middleware as demanded by the industry, including knowledge of both front-end and back-end development. Application architecture, information security, and general software development best-practices are also addressed to produce a well-rounded developer who is able to apply modern practices necessary for working with a team on a non-trivial system.

The Citation in Full Stack Web Development will prepare graduates for their job search and first employment by teaching them the skills to competently work as an entry/junior level full-stack web developer through practical instruction and experience in:

- web application development using a modern in-demand application stack and
- modern software development practices (e.g.: Agile, Scrum, XP).

The Citation in Full Stack Web Development is an intensive program with major emphasis on practical programming. Successful students will have good problem decomposition skills, be able to quickly switch between abstract and concrete thinking, recognize and apply patterns, describe a sequence of steps and conditions to solve a problem, convert those steps into an algorithm and code, and adapt to applied study styles necessary for computer programming and software engineering.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

Admission to a program at Langara College does not guarantee registration in required courses.

Please refer to the program application dates in the Application Information section.

CITATION IN FULL STACK WEB DEVELOPMENT

CURRICULUM

TOTAL CREDITS: 15

TERM ONE

Course No.	Credits
All of	
CPSC 1030	3
CPSC 1045	3

TERM TWO

Course No.	Credits
All of	
CPSC 2350	3
CPSC 2600	3

TERM THREE

Course No.	Credits
CPSC 2650	3

Notes:

1. Graduation Requirement: Students must achieve a minimum "C" grade in all required courses.

Genomics and Transcriptomics Applications

Department: Bioinformatics
Division: Applied Sciences

OPTION(S)

- Genomics and Transcriptomics Applications

GENERAL INFORMATION

Advancements in high-throughput sequencing technologies create a growing demand for professionals skilled in analyzing and interpreting genomic and transcriptomic data. Students examine core principles of genome-scale data analysis and apply them to real-world scenarios. They explore strategies for working with large nucleic datasets across diverse applications, developing critical and creative thinking to address challenges in modern bioinformatics.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: A bachelor's degree (or equivalent) in the field of high throughput data analysis in Biology, Ecology, Forestry, Agriculture, or Life Sciences.

International Applicants: A bachelor's degree (or equivalent) in the field of high throughput data analysis in Biology, Ecology, Forestry, Agriculture, or Life Sciences.

English Language Requirements

Category 3

Additional Requirements

In place of a bachelor's degree, applicants may submit a resumé showing a minimum of 1 year of relevant industry experience in the field of high throughput data analysis in Biology, Ecology, Forestry, Agriculture, or Life Sciences.

Applicant Notes

If you feel that you have the skills or experience to succeed in the program, but do not meet the requirements as listed, please contact bioinformatics@langara.ca.

GENOMICS AND TRANSCRIPTOMICS APPLICATIONS

CURRICULUM

TOTAL PROGRAM CREDITS: 4

Course No.	Credits
All of	
BINF 4005	1
BINF 4010	1
BINF 4015	1
BINF 4020	1

Health Sciences

Department: Health Sciences
Division: Applied Sciences

OPTION(S)

- Associate of Arts Degree in Health Sciences
- Associate of Science Degree in Health Sciences
- Diploma in Arts and Science (Health Sciences: Arts)
- Diploma in Arts and Science (Health Sciences: Science)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF ARTS DEGREE IN HEALTH SCIENCES

Health sciences is an interdisciplinary field in which graduates with a Bachelor of Arts. or a Bachelor of Science can find careers in science, global health, or public policy, or can continue their studies in graduate school.

Students completing this Associate of Arts Degree will be prepared to continue studying at Simon Fraser University's Faculty of Health Sciences in pursuit of the Bachelor of Arts in Health Sciences. Students in pursuit of the Bachelor of Arts in Health Sciences may also want to consult this calendar for the Diploma in Arts and Science (Health Sciences: Arts).

Students interested in pursuing SFU's Bachelor of Science in Health Sciences may also want to consult this calendar for the Associate of Science Degree in Health Sciences or the Diploma in Arts and Science (Health Sciences: Science).

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
HSCI 1130	3
PHIL 1105	3
SCIE 1114	4
One of	
ANTH 1120	3
SOCI 1120	3
One of	
BIOL 1111	4
BIOL 1115	4
One of	
HSCI 1120	3
HSCI 1140	3
HSCI 1160	3
HSCI 1180	3
Four of	
HSCI 2204	3
HSCI 2207	3
HSCI 2211	3
HSCI 2212	3
HSCI 2214	3
HSCI 2215	3
HSCI 2216	3
HSCI 2220	3
HSCI 2230	3
One of	
PSYC 2321	3
STAT 1123	3
STAT 1124	3
STAT 1181	3

Notes:

1. When choosing courses, students should consult the curriculum of the general Associate of Arts Degree to ensure they meet requirements for graduation.
2. Students planning to transfer into a Bachelor of Arts, HSCI at SFU are advised to use the BC Transfer Guide regarding SFU's quantitative, breadth, and writing requirements for electives and meet with both the SFU Faculty of Health Science advisor and the Langara HSCI department chair.
3. Students planning to transfer into the SFU HSCI Bachelor of Arts program must take a total of eight second year HSCI courses, of which HSCI 2204, 2207, 2220, and 2230 are required.

ASSOCIATE OF SCIENCE DEGREE IN HEALTH SCIENCES

Health sciences is an interdisciplinary field in which graduates with a Bachelor of Science or a Bachelor of Arts can find careers in science, global health, or public policy, or can continue their studies in graduate school.

Students completing this Associate of Science Degree will be prepared to continue studying at Simon Fraser University's Faculty of Health Sciences in pursuit of the Bachelor of Science in Health Sciences. Students may also want to consult this calendar for the Diploma in Arts and Science (Health Sciences: Sciences) if they are in pursuit of an SFU Bachelor of Science in Health Sciences.

Students interested in pursuing SFU's Bachelor of Arts in Health Sciences may also want to consult this calendar for the Associate of Arts Degree in Health Sciences or the Diploma in Arts and Science (Health Sciences: Arts).

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 2315	4
BIOL 2330	4
BIOL 2415	4
CHEM 1120	4
CHEM 1220	4
CHEM 2316	4
CHEM 2416	4
HSCI 1130	3
HSCI 2230	3
PHYS 1101	4
One of	
HSCI 2204	3
HSCI 2207	3
HSCI 2211	3
HSCI 2212	3
HSCI 2214	3
HSCI 2215	3
HSCI 2216	3
One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
MATH 1175	3
One of	
MATH 1271	3
MATH 1273 and	3
MATH 1183	1
MATH 1275	3
One of	
PSYC 2321	3
STAT 1123	3
STAT 1124	3
STAT 1181	3

Notes:

1. When choosing courses, students should consult the general requirements of the Associate of Science Degree to ensure they choose a selection of courses that meet these requirements.
2. Students are advised to check with the BC Transfer Guide regarding SFU's quantitative, breadth, and writing requirements for electives.
3. SFU's Faculty of Health Science BSc in Health Sciences program has two concentrations: Life Sciences, and Public Health and Data. The above curriculum is for the Life Sciences Concentration.

   Students preparing to enter the Public Health and Data Concentration are advised to review the SFU curriculum and consult with the SFU Faculty of Health Science advisor, and the Langara HSCI department chair.
4. Students considering transferring to UBC should consult the Undergraduate Degree Requirements in the Integrated Sciences as a potential transfer avenue.

DIPLOMA IN ARTS AND SCIENCE (HEALTH SCIENCES: ARTS)

Health sciences is an interdisciplinary field in which graduates can find careers in science, global health, or public policy, or can continue their studies in graduate school.

When successfully completed, the general and specific requirements of this diploma will prepare students for entry into the third-year of Simon Fraser University's Bachelor of Arts in Health Sciences.

Students interested in pursuing SFU's Bachelor of Arts in Health Sciences may also want to consult this calendar for the Associate of Arts Degree in Health Sciences. Students interested in pursuing SFU's Bachelor of Science in Health Sciences may also want to consult this calendar for the Associate of Science Degree in Health Sciences or the Diploma in Arts and Science (Health Sciences: Science).

CURRICULUM

Within the framework of the general requirements of the diploma in arts and science, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
HSCI 1130	3
One of	
ANTH 1120	3
SOCI 1120	3
One of	
BIOL 1111	4
BIOL 1115	4
BIOL 1190	4
One of	
HSCI 1120	3
HSCI 1140	3
HSCI 1160	3
HSCI 1180	3
Four of	
HSCI 2204	3
HSCI 2207	3
HSCI 2211	3
HSCI 2212	3
HSCI 2214	3
HSCI 2215	3
HSCI 2216	3
HSCI 2220	3
HSCI 2230	3
One of	
PSYC 2321	3
STAT 1123	3
STAT 1124	3
STAT 1181	3
Nine university-transferable electives	27

Notes:

1. When choosing courses, students should consult the general requirements of the diploma in arts and science to ensure they choose a selection of courses that meet these requirements.
2. Students are advised to check with the BC Transfer Guide regarding SFU's quantitative, breadth, and writing requirements for electives.
3. Students wanting to complete a BSc at SFU in Health Sciences must take BIOL 1115.
4. Students wanting to complete a BA at SFU in Health Sciences must take one of BIOL 1111 or 1115.

DIPLOMA IN ARTS AND SCIENCE (HEALTH SCIENCES: SCIENCE)

Health sciences is an interdisciplinary field in which graduates can find careers in science, global health, or public policy, or can continue their studies in graduate school.

When successfully completed, the general and specific requirements of this diploma will prepare students for entry into the third-year of Simon Fraser University's Bachelor of Science in Health Sciences.

Students interested in pursuing SFU's Bachelor of Arts in Health Sciences may also want to consult this calendar for the Associate of Arts Degree in Health Sciences or the Diploma in Arts and Science (Health Sciences: Arts). Students may also want to consult this calendar for details of the Associate of Science Degree in Health Sciences.

CURRICULUM

Within the framework of the general requirements of the diploma in arts and science, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 2315	4
BIOL 2330	4
BIOL 2415	4
CHEM 1120	4
CHEM 1220	4
CHEM 2316	4
CHEM 2416	4
HSCI 1130	3
PHYS 1101	4
Three of	
HSCI 2204	3
HSCI 2207	3
HSCI 2211 [3]	3
HSCI 2212 [3]	3
HSCI 2214 [3]	3
HSCI 2215 [3]	3
HSCI 2216 [3]	3
HSCI 2220	3
HSCI 2230	3
One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
One of	
PSYC 2321	3
STAT 1123	3
STAT 1124	3
STAT 1181	3
Two university-transferable electives [1]	6

Notes:

1. When choosing courses, students should consult the general requirements of the diploma in arts and science to ensure they choose a selection of courses that meet these requirements.
2. Students are advised to check with the BC Transfer Guide regarding SFU's quantitative, breadth, and writing requirements for electives.
3. SFU's Faculty of Health Science BSc in Health Sciences has two concentrations:

   Life Science Concentration: Students preparing to enter this stream are required to take one of HSCI 2204, 2211, 2212, 2214, 2215, or 2216.

   Students preparing to enter the Public Health and Data Concentration are advised to refer to SFU curriculum and consult with an Academic Advisor at both Langara and SFU.
4. Students considering transferring to UBC, should consult the general requirements of UBC, on suggested program is Integrated Science Program at UBC.

Kinesiology

Department: Kinesiology
Division: Applied Sciences

OPTION(S)

- Diploma in Kinesiology

GENERAL INFORMATION

The Kinesiology department offers a variety of courses to meet the different needs of the student population. The following academic program is primarily intended for those seeking to complete two years of university-transferable course work towards a degree in physical education or kinesiology.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Program Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN KINESIOLOGY

The Diploma in Kinesiology is a two-year university-transfer program that prepares students to continue toward the completion of a baccalaureate degree in kinesiology, exercise science, or other related disciplines.

CURRICULUM

A student must complete at least a minimum of 60 credit hours including:

TOTAL CREDITS: 60

Course No.	Credits
All of	
KINS 1110	3
KINS 1120	3
KINS 1131	3
KINS 1132	3
KINS 1150	3
KINS 1160	3
KINS 2030	3
KINS 2205	3
KINS 2211	3
KINS 2215	3
KINS 2235	3
KINS 2262	3
One of	
KINS 2206	3
KINS 2280	3
Two of university-transferable ENGL courses	6
Five of KINS or university-transferable electives	15

MATHEMATICS & SCIENCES

Applied Analytical Laboratory Skills

Department: Chemistry
Division: Mathematics & Sciences

OPTION(S)

- Applied Analytical Laboratory Skills

GENERAL INFORMATION

Fields such as pharmaceutical development, food and beverage manufacturing, environmental and forensic testing, environmental engineering, chemical manufacturing, and biological sciences require chemical identification and quality analysis.

In this micro-credential program, learners gain the skills to pursue hands-on jobs in science and engineering related fields. The program targets key analytical lab skills that are necessary for work in laboratories in all industries that need chemical identification and quality analysis and monitoring.

The micro-credential program is suitable for recent high school graduates, as well as individuals seeking entry into science technician employment. Students learn how to accurately use and maintain lab glassware and instruments, complete sample preparation according to Standard operating Procedures, and utilize digital lab tools and information management systems to accurately record samples, analyses, and instrument maintenance.

The Applied Analytical Laboratory Skills micro-credential program ladders into the High-Performance Liquid Chromatograph micro-credential program as a means of fulfilling the admissions requirements for that micro-credential. Each program consists of three stackable micro-credential courses.

ADMISSION REQUIREMENTS

- Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older
- International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

APPLIED ANALYTICAL LABORATORY SKILLS

CURRICULUM

TOTAL CREDITS: 3

Course No.	Credits
All of	
CHEM 1510	1
CHEM 1520	1
CHEM 1530	1

Notes:

1. Learners will work with samples provided by industry partners as well as modified Standard Operating Procedures (SOPs). This will ensure learners have industry-relevant experience.

Bioinformatics

Department: Computer Science, Biology
Division: Mathematics & Sciences

OPTION(S)

- Bachelor of Science in Bioinformatics
- Associate of Science Degree in Bioinformatics
- Associate of Science Degree in Bioinformatics (Co-operative Education)
- Diploma in Bioinformatics
- Diploma in Bioinformatics (Co-operative Education)

GENERAL INFORMATION

The two-year bioinformatics programs at Langara provide students with a strong knowledge of computer science and biology and gives students basic bioinformatics skills necessary to succeed in upper level courses while pursuing a university degree.

Bioinformatics is an interdisciplinary science dealing with the application of computer science and information technology to biological information in order to solve complex biological problems. Biological information, especially in the form of DNA or protein sequence data, is very amenable to digitization and information in biological databases has been growing at an exponential rate.

Bioinformatics education is in demand for many careers in science and health care. Students completing a Diploma in Bioinformatics will be well prepared to complete their BSc at any university in BC.

ADMISSION REQUIREMENTS

Please refer to the information regarding general requirements for admission and application to Langara College programs.

BACHELOR OF SCIENCE DEGREE IN BIOINFORMATICS

Bioinformatics is a powerful multidisciplinary science that applies computational and statistical tools to curate and analyze expansive amounts of biological data. The utility of bioinformatics is being realized in an ever-increasing number of fields including molecular biology, personalized and preventative medicine, biotechnology, food technology, agriculture, and environmental science, and many others.

Recent advances in high throughput sequencing technology has enabled the inexpensive generation of vast amounts of biological data, some of which has been made openly available in online data repositories. Using this data, along with existing and novel computational tools, students in the Bachelor of Science in Bioinformatics will learn to formulate questions and cultivate ideas, mine databases, and create visualizations that lead to innovation. This program is designed to emphasize real-world relevance and applied learning through the incorporation or computer lab-based courses and experiential learning opportunities, such as a mandatory eight-month co-op term.

The Bachelor of Science in Bioinformatics will produce a highly desirable and skilled graduate trained to contribute to the knowledge economy and succeed in this rapidly growing and dynamic field.

ADMISSION REQUIREMENTS

Langara College general admission requirements:

- Domestic applicants, please refer to the Domestic Admissions section in this calendar
- International applicants, please refer to the International Admissions section in this calendar

Academic Requirements

1. One of the following (prerequisites are valid for only three years):
   - A minimum "B" grade in Precalculus 12;
   - Permission of the department based on the MDT process (MDT 085); or
   - A minimum "C+" grade in Precalculus 12 and a minimum "C-" grade in Calculus 12.
2. A minimum "B" grade in Chemistry 12 or a minimum "C-" grade in CHEM 1118 (prerequisites are valid for only three years).
3. A minimum "C+" grade in Anatomy and Physiology 12 or a minimum "C"

English Language Requirement

Category 1

Notes:

1. Applicants who completed Biology 12 prior to September 2019 may use this course to satisfy this requirement.

Program Preferences

Preference may be given to applicants who exceed the minimum academic requirements.

Documents Required for Application Evaluation

Applications will not be considered until all documents have been received.

- Completed application for admission form
- Official transcript(s)
- LET or LPI scores (if applicable)

Admission to a program does not guarantee registration in required courses. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.

CURRICULUM

TOTAL CREDITS: 130

LOWER LEVEL COURSES

Course No.	Credits
All of	
BINF 1100	0
BINF 2100	0
BIOL 1115	4
BIOL 1215	4
BIOL 2315	4
BIOL 2330	4
BIOL 2415	4
CHEM 1120	4
CHEM 1220	4
CHEM 2216	4
COOP 2301	3
COOP 2501	3
CPSC 1160	3
CPSC 1181	3
CPSC 2150	3
CPSC 2221	3
EXPE 2300	3
STAT 1181	3
STAT 2281	3
One of	
CPSC 1150	3
CPSC 1155	3
One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
MATH 1175	3
One of	
MATH 1271	3
MATH 1273 and	3
MATH 1283	1
MATH 1275	3
One of	
MATH 1252	3
MATH 2362 and	3
MATH 2382	1
Six credits of university-transferable ENGL courses	6
Three–six credits of non-science electives [1]	3–6

Term Notes:

1. Students who take MATH 1171, 1271, and 1252 will need to take six credits of non-sciences electives to meet full credit requirements.

UPPER LEVEL COURSES

Course No.	Credits
All of	
BINF 3100	0
BINF 4100	0
BINF 4215	3
BINF 4225	3
BINF 4290	4
BIOL 3315	4
BIOL 3430	4
BIOL 4315	4
BIOL 4415	4
CHEM 3216	4
CPSC 3260	4
CPSC 3280	4
CPSC 4160	4
CPSC 4260	4
STAT 3225	3

ASSOCIATE OF SCIENCE DEGREE IN BIOINFORMATICS

Bioinformatics is an interdisciplinary science dealing with the application of computer science to the study of biology. Bioinformatics education is in demand for many careers in science and health care.

Students completing an Associate of Science Degree in Bioinformatics will be well prepared to complete their BSc at any university in BC, including transfer to the bioinformatics program at SFU.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 2315	4
BIOL 2330	4
BIOL 2415	4
BIOL 3315	4
CHEM 1120	4
CHEM 1220	4
CPSC 1040	3
CPSC 2221	3
One of	
CPSC 1150	3
CPSC 1155	3
One of	
CPSC 1160	3
CPSC 1181	3
CPSC 1280	3
STAT 1181	3
One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
MATH 1175	3
One of	
MATH 1252	3
MATH 2362	3

ASSOCIATE OF SCIENCE DEGREE IN BIOINFORMATICS (CO-OPERATIVE EDUCATION)

Bioinformatics is a rapidly growing interdisciplinary science dealing with the application of computer science to the study of biology. Bioinformatics education is increasingly in demand for many careers in science and health care.

This program enables students to integrate academic studies with related, practical work experience. Co-op students alternate terms of classroom studies with one or two terms of paid, full-time employment with a participating employer.

ADMISSION REQUIREMENTS

To be admitted and participate in a co-operative education option, students must:

- Be enrolled in three program courses (minimum nine credits) or more, not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-op officer; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 2315	4
BIOL 2330	4
BIOL 2415	4
BIOL 3315	4
CHEM 1120	4
CHEM 1220	4
CPSC 1040	3
CPSC 2221	3
EXPE 2301	3
EXPE 2300	3
One of	
CPSC 1150	3
CPSC 1155	3
One of	
CPSC 1160	3
CPSC 1181	3
CPSC 1280	3
STAT 1181	3
One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
MATH 1175	3
One of	
MATH 1252	3
MATH 2362	3

Notes:

1. Students who wish to participate in this co-operative education option must maintain above-average academic standing and demonstrate potential for success in their chosen field.
2. One or two four-month work terms (minimum 420 hours) need to be completed for a co-op designated diploma. Beginning each January, May, or September, some work terms are extended for a total of eight months. Employers provide co-op instructors with job descriptions to be posted. Students submit their resumés via the co-op instructors who will submit the package to the employer and arrange job interviews. Students are strongly encouraged to start building their professional network and be an active participant in self-marketing in order to source their co-op work placement.

3. Employers make the hiring and establish the working conditions, salary, and benefits. The co-operative education option has proven to be of great benefit to students. Students have the opportunity to apply their knowledge, to develop skills in a practical work setting, and to gain related experience before commencing their professional careers.

DIPLOMA IN BIOINFORMATICS

Bioinformatics is a rapidly growing interdisciplinary science dealing with the application of computer science to the study of biology. Bioinformatics education is increasingly in demand for many careers in science and health care.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

Admission to a program at Langara College does not guarantee registration in required courses.

Please refer to the program application dates in the Application Information section.

CURRICULUM

TOTAL CREDITS: 62

Course No.	Credits
All of	
BIOL 1115 [1]	4
BIOL 1215	4
BIOL 2315	4
BIOL 2330	4
BIOL 2415	4
BIOL 3315	4
BIOL 3430	4
CHEM 1120	4
CHEM 1220	4
CPSC 1040	3
CPSC 2221	3
CPSC 3260	4
STAT 1181	3
One of	
CPSC 1150	3
CPSC 1155	3
One of	
CPSC 1160	3
CPSC 1181	3
CPSC 1280	3
One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
MATH 1175	3
One of	
CHEM 2216	4
CPSC 3280	4
SCIE 1113	4
SCIE 1114	4

Note:

1. Students who do not meet the prerequisite requirements for BIOL 1115 are advised to take BIOL 1111 as one of their university-transferable electives.

DIPLOMA IN BIOINFORMATICS (CO-OPERATIVE EDUCATION)

Bioinformatics is a rapidly growing interdisciplinary science dealing with the application of computer science to the study of biology. Bioinformatics education is increasingly in demand for many careers in science and health care.

The program enables students to integrate academic studies with related, practical work experience. Co-op students alternate terms of classroom studies with one or two terms of paid, full-time employment with a participating employer.

ADMISSION REQUIREMENTS

To be admitted and participate in a co-operative education option, students must:

- Be enrolled in three program courses (minimum nine credits) or more, not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-op officer; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

CURRICULUM

TOTAL CREDITS: 68

Course No.	Credits
All of	
BIOL 1115 [1]	4
BIOL 1215	4
BIOL 2315	4
BIOL 2330	4
BIOL 2415	4
BIOL 3315	4
BIOL 3430	4
CHEM 1120	4
CHEM 1220	4
CPSC 1040	3
CPSC 2221	3
CPSC 3260	4
STAT 1181	3
COOP 2301	3
EXPE 2300	3
One of	
CPSC 1150	3
CPSC 1155	3
One of	
CPSC 1160	3
CPSC 1181	3
CPSC 1280	3
One of	
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
MATH 1175	3
One of	
CHEM 2216	4
CPSC 3280	4
SCIE 1113	4
SCIE 1114	4

Notes:

1. Students who wish to participate in this co-operative education option must maintain above-average academic standing and demonstrate potential for success in their chosen field.
2. One or two four-month work terms (minimum 420 hours) need to be completed for a co-op designated diploma. Beginning each January, May, or September, some work terms are extended for a total of eight months. Employers provide co-op instructors with job descriptions to be posted. Students submit their resumés via the co-op instructors who will submit the package to the employer and arrange job interviews. Students are strongly encouraged to start building their professional network and be an active participant in self-marketing in order to source their co-op work placement.

3. Employers make the hiring and establish the working conditions, salary, and benefits. The co-operative education option has proven to be of great benefit to students. Students have the opportunity to apply their knowledge, to develop skills in a practical work setting, and to gain related experience before commencing their professional careers.
4. Students who do not meet the prerequisite requirements for BIOL 1115 are advised to take BIOL 1111 as one of their university-transferable electives.

Biology

Department: Biology
Division: Mathematics & Sciences

OPTION(S)

- Associate of Science Degree in Biology
- Associate of Science Degree in Biology (Co-operative Education)
- Diploma in Biology
- Diploma in Biology (Co-operative Education)

ADMISSION REQUIREMENTS

Please refer to the information regarding general requirements for admission and application to Langara College programs.

ASSOCIATE OF SCIENCE DEGREE IN BIOLOGY

This program is for students wishing to pursue further studies in biology at other post-secondary institutions in BC.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
CHEM 1120	4
CHEM 1220	4
Any six of (including a minimum of four from BIOL and a minimum of one from CHEM)	
BIOL 2260	4
BIOL 2315	4
BIOL 2330	4
BIOL 2340	4
BIOL 2350	4
BIOL 2370	4
BIOL 2380	4
BIOL 2415	4
BIOL 2440	4
BIOL 2450	4
BIOL 2470	4
BIOL 3315	4
BIOL 3430	4
CHEM 2216	4
CHEM 2222	4
CHEM 2250	4
CHEM 2316	4
CHEM 2416	4
PHYS 1118	4
PHYS 1225	4
One of	
PHYS 1101	4
PHYS 1125	4

Note:

1. The Associate of Science Degree in Biology is designed for efficient transfer to UBC and SFU programs in biology. Other biology-related programs, such as microbiology, biochemistry, plant science, etc. may have unique course requirements in first and second year.
2. Students intending to complete an Associate of Science Degree and then transfer to another BC institution should consult with an Academic Advisor at Langara for assistance with course planning and preparing to transfer.
3. Students should also consult with the institution offering these programs to determine which university-transferable courses to take at Langara.
4. Individual courses may not be transferable to some institutions. Consult the BC Transfer Guide to determine transferability of individual courses.

ASSOCIATE OF SCIENCE DEGREE IN BIOLOGY (CO-OPERATIVE EDUCATION)

This program is for students wishing to pursue further studies in biology at other post-secondary institutions in BC.

The program enables students to integrate academic studies with related, practical work experience. Co-op students alternate terms of classroom studies with terms of paid, full-time employment with a participating employer.

Also see co-operative education programs.

ADMISSION REQUIREMENTS

Admission to the Associate of Science Degree in Biology follows the same general requirements as for other Langara College programs.

To be admitted and participate in a co-operative education option, students must:

- Be enrolled in three program courses (minimum nine credits) or more, not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-op officer; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
CHEM 1120	4
CHEM 1220	4
Any six of (including a minimum of four from BIOL and a minimum of one from CHEM)	
BIOL 2260	4
BIOL 2315	4
BIOL 2330	4
BIOL 2340	4
BIOL 2350	4
BIOL 2370	4
BIOL 2380	4
BIOL 2415	4
BIOL 2440	4
BIOL 2450	4
BIOL 2470	4
BIOL 3315	4
BIOL 3430	4
CHEM 2216	4
CHEM 2222	4
CHEM 2250	4
CHEM 2316	4
CHEM 2416	4
PHYS 1118	4
PHYS 1225	4
All of	
COOP 2301	3
EXPE 2300	3
One of	
PHYS 1101	4
PHYS 1125	4

Notes:

1. The Associate of Science Degree in Biology is designed for efficient transfer to UBC and SFU programs in biology. Other biology-related programs, such as microbiology, biochemistry, plant science, etc. may have unique course requirements in first and second year. Students should consult with the institution offering these programs to determine which university-transferable courses to take at Langara.
2. Students intending to complete an Associate of Science Degree and then transfer to another BC institution should consult with an Academic Advisor at Langara for assistance with course planning and preparing to transfer.
3. Students should also consult with the institution offering these programs to determine which university-transferable courses to take at Langara.
4. Individual courses may not be transferable to some institutions. Consult the BC Transfer Guide to determine transferability of individual courses.
5. EXPE 2300 (formerly BUSM 2300/COOP 2300).

DIPLOMA IN BIOLOGY

The Diploma in Biology is designed for students who wish to focus their two years of science study at Langara in biology. It is intended to give students a solid foundation for further study in biology and to provide strong laboratory and field skills. For students pursuing further study in biology, the diploma also allows for maximum flexibility in designing their curriculum to meet the program requirements at other institutions where the Biology Flexible Pre-Major does not apply.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

CURRICULUM

Students must complete a minimum of 62 credits including:

TOTAL CREDITS: 62

Course No.	Credits
All of	
BIOL 1115 [1]	4
BIOL 1215	4
CHEM 1120	4
CHEM 1220	4
Any four of	
BIOL 2260	4
BIOL 2315 [2]	4
BIOL 2330	4
BIOL 2340	4
BIOL 2350	4
BIOL 2370	4
BIOL 2380	4
BIOL 2415	4
BIOL 2440	4
BIOL 2450	4
BIOL 2470	4
BIOL 2480	4
BIOL 3315	4
BIOL 3430	4
Two of	
First-year university-transferable ENGL courses [3]	6
SCIE 1113 or	4
SCIE 1114	4
Two first-year university-transferable MATH or STAT courses [4]	6
Four university-transferable science electives (may be additional BIOL courses) [5]	12-16
Two university-transferable arts courses	6

Notes:

1. Students who do not meet the prerequisite requirements for BIOL 1115 are advised to take BIOL 1111 as one of their science electives.
2. Many degrees in the life sciences require first-year physics and second-year organic chemistry.
3. Total credits for the program may exceed 62 depending on additional prerequisite courses and the specific combination of science and math course chosen.

DIPLOMA IN BIOLOGY (CO-OPERATIVE EDUCATION)

The Diploma in Biology (Co-Operative Education) is designed for students who wish to focus their two years of science study at Langara in biology. It is intended to give students a solid foundation for further study in biology and to provide strong laboratory and field skills. For students pursuing further study in biology, the diploma also allows for maximum flexibility in designing their curriculum to meet the program requirements at other institutions where the Biology Flexible Pre-Major does not apply.

The program enables students to integrate academic studies with related, practical work experience. Co-op students alternate terms of classroom studies with terms of paid, full-time employment with a participating employer.

Also see co-operative education programs.

ADMISSION REQUIREMENTS

Admission to the Diploma in Biology (Co-operative Education) follows the same general requirements as for other Langara programs.

To be admitted and participate in the co-operative education option, you must:

- Be enrolled in three program courses (minimum nine credits) or more, not including EXPE 2300 (formerly BUSM 2300/COOP 2300);
- Achieve and maintain a minimum GPA of 2.6 in each term;
- Successfully complete an employability assessment interview with a co-operative education officer; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

CURRICULUM

Students must complete a minimum of 68 credits including:

TOTAL CREDITS: 68

Course No.	Credits
All of	
BIOL 1115 [1]	4
BIOL 1215	4
CHEM 1120	4
CHEM 1220	4
COOP 2301	3
EXPE 2300	3
Any four of	
BIOL 2260	4
BIOL 2315 [2]	4
BIOL 2330	4
BIOL 2340	4
BIOL 2350	4
BIOL 2370	4
BIOL 2380	4
BIOL 2415	4
BIOL 2440	4
BIOL 2450	4
BIOL 2470	4
BIOL 2480	4
BIOL 3315	4
BIOL 3430	4
Two of	
First-year university-transferable ENGL courses [3]	6
SCIE 1113 or	4
SCIE 1114	4
Two first-year university-transferable MATH or STAT courses [4]	6
Four University-transferable science electives (may be additional BIOL courses) [5]	12-16
Two University-transferable arts electives	6

Notes:

1. Students who do not meet the prerequisite requirements for BIOL 1115 are advised to take BIOL 1111 as one of their science electives.
2. Many degrees in the life sciences require first-year physics and second-year organic chemistry.
3. Total credits for the program may exceed 68 depending on additional prerequisite courses and the specific combination of science and math course chosen.

Chemistry

Department: Chemistry
Division: Mathematics & Sciences

OPTION(S)

- Associate of Science Degree in Chemistry
- Diploma in Chemistry

ASSOCIATE OF SCIENCE DEGREE IN CHEMISTRY

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
CHEM 1120	4
CHEM 1220	4
CHEM 2208	4
CHEM 2222	4
CHEM 2316	4
CHEM 2416	4
MATH 2362	3
MATH 2371	3
PHYS 1225	4
One of	
MATH 1153 and	3
MATH 1253 and	3
MATH 1271	3
MATH 1171 and	3
MATH 1271	3
MATH 1173 and	3
MATH 1183 and	1
MATH 1273 and	3
MATH 1283	1
One of	
PHYS 1101	4
PHYS 1125	4

DIPLOMA IN CHEMISTRY

This program is designed to give students foundational knowledge and laboratory skills in chemistry. Through their laboratory experience, students will have the opportunity to engage in practical hands-on learning activities using chemicals, scientific equipment, and technology. All of the courses in this program are university transferable.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

CURRICULUM

Students must complete a minimum of 60 credits including:

TOTAL CREDITS: 60

Course No.	Credits
All of	
CHEM 1120	4
CHEM 1220	4
One of	
CHEM 2216	4
CHEM 2316	4
Three of	
CHEM 2100	4
CHEM 2208	4
CHEM 2222	4
CHEM 2250	4
CHEM 2416	4
Two of	
CMNS 1115	3
CMNS 1118	3
ENGL 1123 or	3
ENGL 1127 or	3
ENGL 1128	3
ENGL 1129 or	3
ENGL 1130	3
SCIE 1113 or	4
SCIE 1114	4
One of	
MATH 1153 and	3
MATH 1253	3
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
Four university-transferable arts courses	12
Three to five university-transferable science courses	9–15

Notes:

1. It is recommended that students in this program who plan to transfer to university choose from the following:
   - one ENGL course;
   - one of MATH 1271, 1273 and 1283, or STAT 1181; and
   - two first-year university-transferable physics courses.
2. For the most up-to-date transfer requirements please check the BC transfer guide: www.bctransferguide.ca.

Data Analytics

Department: Statistics & Data Analytics
Division: Mathematics & Sciences

OPTION(S)

- Post-Degree Diploma in Data Analytics
- Post-Degree Diploma in Data Analytics (Work Experience)
- Post-Degree Certificate in Data Analytics

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Bachelor's Degree (or equivalent)

International Applicants: Bachelor's Degree (or equivalent)

English Language Requirement

Category 2

Additional Requirements

A minimum "C" grade (60%) in a post-secondary level mathematics or calculus course.

Program Notes

1. Admission is competitive; meeting the minimum requirements does not guarantee acceptance to the program.
2. Admission to a program at Langara College does not guarantee registration in required courses.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

POST-DEGREE DIPLOMA IN DATA ANALYTICS

The Post-Degree Diploma in Data Analytics focuses on the entire lifecycle of the data analytics process from acquisition through analysis to presentation of results. Through collaboration with industry partners, students gain experience handling real-life data from such fields as telecommunications, finance, and health care. In lab-oriented courses, they learn to clean and analyze data and to effectively present their findings from the analysis of structured and unstructured data. Students will gain skills in industry standard software and applications.

In addition students may choose to complete an optional work experience term. Course work for this full-time post-degree diploma can be completed in four consecutive semesters with an additional term of work experience (three credits) for students successfully completing EXPE 4844.

CURRICULUM

TOTAL CREDITS: 46-47

Course No.	Credits
All of	
BUSM 4805	3
BUSM 4830	3
CMNS 4800	3
CPSC 4800	3
CPSC 4810	4
CPSC 4820	3
CPSC 4830	3
DANA 4800	3
DANA 4810	3
DANA 4820	3
DANA 4830	3
DANA 4840	3
DANA 4850	6
EXPE 4800 [1]	3
MATH 4801 [2]	1

1. EXPE 4800 must be taken in term three of the program.
2. The Data Analytics Mathematics Assessment (DAMA) will be administered upon students' arrival or during the first week of the term. Students who meet minimum standards will be exempt from MATH 4801.

GRADUATION REQUIREMENTS

Successful completion of the Post-Degree Diploma in Data Analytics requires a minimum Cumulative GPA (CGPA) of 2.33 with no grade less than a "C".

Note:
Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.

POST-DEGREE DIPLOMA IN DATA ANALYTICS (WORK EXPERIENCE)

The Post-Degree Diploma in Data Analytics focuses on the entire lifecycle of the data analytics process from acquisition through analysis to presentation of results. Through collaboration with industry partners, students gain experience handling real-life data from such fields as telecommunications, finance, and health care. In lab-oriented courses, they learn to clean and analyze data and to effectively present their findings from the analysis of structured and unstructured data. Students will gain skills in industry standard software and applications.

CURRICULUM

TOTAL CREDITS: 49-50

Course No.	Credits
All of	
BUSM 4805	3
BUSM 4830	3
CMNS 4800	3
CPSC 4800	3
CPSC 4810	4
CPSC 4820	3
CPSC 4830	3
DANA 4800	3
DANA 4810	3
DANA 4820	3
DANA 4830	3
DANA 4840	3
DANA 4850	6
EXPE 4800 [1]	3
EXPE 4844 [2]	3
MATH 4801 [3]	1

1. EXPE 4800 must be taken in term three of the program.
2. EXPE 4844 must be taken in term five.
3. The Data Analytics Mathematics Assessment (DAMA) will be administered upon students' arrival or during the first week of the term. Students who meet minimum standards will be exempt from MATH 4801.

GRADUATION REQUIREMENTS

Successful completion of the Post-Degree Diploma in Data Analytics requires a minimum Cumulative GPA (CGPA) of 2.33 with no grade less than a "C".

Note:
Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.

POST-DEGREE CERTIFICATE IN DATA ANALYTICS

The Post-Degree Certificate in Data Analytics is designed for working professionals who have prior data analysis experience in their related fields. This part-time program allows them to broaden their skill sets or advance further in their careers. The program focuses on the entire lifecycle of the data analytics process from acquisition through analysis to presentation of results. By handling real-life data throughout the program, students learn to clean and analyze data, and to effectively present their findings. Students also gain skills in industry standard software applications.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Bachelor's Degree (or equivalent)

International Applicants: Bachelor's Degree (or equivalent)

English Language Requirement

Category 2

Additional Requirements

A minimum "C" grade (60%) in a post-secondary level mathematics or calculus course.

Program Notes

1. Admission is competitive; meeting the minimum requirements does not guarantee acceptance to the program.
2. Admission to a program at Langara College does not guarantee registration in required courses.

Please refer to the program application dates in the Application Information section.

CURRICULUM

TOTAL CREDITS: 25-26

Course No.	Credits
All of	
CPSC 4800	3
CPSC 4810	4
CPSC 4820	3
DANA 4800	3
DANA 4810	3
DANA 4820	3
DANA 4830	3
DANA 4840	3
MATH 4801 [1]	1

Notes:

1. A mathematics diagnostic test will be administered upon students' arrival or during the first week of the term. Students who fail this test will be required to complete MATH 4801.
2. Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.

High Performance Liquid Chromatography

Department: Chemistry
Division: Mathematics & Sciences

OPTION(S)

- High Performance Liquid Chromatography

GENERAL INFORMATION

High Performance Liquid Chromatography (HPLC) is an essential process common to all industrial settings that require chemical identification and quality analysis. Learners in this micro-credential have the opportunity to master the applied laboratory skills needed to operate a High Performance Liquid Chromatograph (HPLC). Students learn through hands-on experience with an HPLC instrument, how to maintain the system, run samples, and analyze data.

The micro-credential program is suitable for recent high school graduates who have completed at least one post-secondary chemistry course, as well as individuals that have completed the Applied Analytical Laboratory Skills micro-credential program at Langara College.

Students learn how to set up the HPLC instrument and adjust parameters for separations, utilize Standard Operating Procedures (SOP) to plan and perform sampling runs, use effective records management, and apply privacy and data security principles including respect of Indigenous data sovereignty.

The High Performance Liquid Chromatography (HPLC) micro-credential ladders on top of the Applied Analytical Laboratory Skills micro-credential and consists of three stackable micro-courses. Prior learning assessment based on workplace experience is available for applicants who are already employed in a related field and want to enhance their skill set.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent) English language requirement

English Language Requirement

Category 3

Additional Requirements

Completion of a minimum of three credits of post-secondary chemistry; or completion of the Applied Analytical Laboratory Skills micro-credential.

CURRICULUM

TOTAL CREDITS: 3

Course No.	Credits
All of	
CHEM 1610	1
CHEM 1620	1
CHEM 1630	1

Notes:

1. Learners will work with samples provided by industry partners as well as modified Standard Operating Procedures (SOPs). This will ensure learners have industry relevant experience.

CERTIFICATE IN INTERNET AND WEB TECHNOLOGY

The program can be completed in two years if started in fall semester; can be started in other semesters, but may take longer than two years to complete.

CURRICULUM

Students must complete a minimum of 30 credits including:

TOTAL CREDITS: 30

Course No.	Credits
All of	
CPSC 1030	3
CPSC 1045	3
CPSC 1150	3
CPSC 1181	3
CPSC 1280	3
CPSC 1480	3
CPSC 2030	3
CPSC 2130	3
CPSC 2221	3
One of	
CPSC 2261	3
CPSC 2600	3

Internet and Web Technology

Department: Computer Science
Division: Mathematics & Sciences

OPTION(S)

- Certificate in Internet and Web Technology

GENERAL INFORMATION

The Certificate in Internet and Web Technology is designed for individuals who want to enter the information technology (IT) field. The program emphasizes web development and computing and provides a solid foundation for the technical side of e-business. The program prepares students for meeting the challenges of Web technology by providing them life-long opportunities for academic and career advancement through one year of exclusive education. It trains students through a variety of courses including introduction to computer science, Web development and programming, multimedia and animations, operating systems, and databases.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

Admission to a program at Langara College does not guarantee registration in required courses.

Please refer to the program application dates in the Application Information section.

CERTIFICATE IN INTERNET AND WEB TECHNOLOGY

The program can be completed in two years if started in fall semester; can be started in other semesters, but may take longer than two years to complete.

CURRICULUM

Students must complete a minimum of 30 credits including:

TOTAL CREDITS: 30

Course No.	Credits
All of	
CPSC 1030	3
CPSC 1045	3
CPSC 1150	3
CPSC 1181	3
CPSC 1280	3
CPSC 1480	3
CPSC 2030	3
CPSC 2130	3
CPSC 2221	3
One of	
CPSC 2261	3
CPSC 2600	3

Mathematics

Department: Mathematics
Division: Mathematics & Sciences

OPTION(S)

- Associate of Arts Degree in Mathematics
- Associate of Science Degree in Mathematics

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF ARTS DEGREE IN MATHEMATICS

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
CPSC 1150	3
CPSC 1181	3
MATH 2362	3
MATH 2371	3
MATH 2475	3
STAT 1181	3
STAT 2281	3
One of	
MATH 2372	3
MATH 2373	3
One of	
CPSC 1160 [1]	3
CPSC 2190 [1]	3
One of	
MATH 1153 and	3
MATH 1253	3
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
One of	
MATH 1271	3
MATH 1273 and	3
MATH 1283	1

Notes:

1. For the most up to date transfer requirements please check the BC Transfer Guide at http://www.bctransferguide.ca/.
2. In addition to the requirements listed above, it is highly recommended that students transferring to university mathematics programs take at least one of MATH 2365, 2471, or 2485.

ASSOCIATE OF SCIENCE DEGREE IN MATHEMATICS

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 60 credits including the following:

Course No.	Credits
All of	
CPSC 1150	3
CPSC 1181	3
MATH 2362	3
MATH 2371	3
MATH 2475	3
STAT 1181	3
STAT 2281	3
One of	
MATH 2372	3
MATH 2373	3
One of	
CPSC 1160 [1]	3
CPSC 2190 [1]	3
One of	
MATH 1153 and	3
MATH 1253	3
MATH 1171	3
MATH 1173 and	3
MATH 1183	1
One of	
MATH 1271	3
MATH 1273 and	3
MATH 1283	1

Notes:

1. For the most up to date transfer requirements please check the BC Transfer Guide at http://www.bctransferguide.ca/.
2. In addition to the requirements listed above, it is highly recommended that students transferring to university mathematics programs take at least one of MATH 2365, 2471, or 2485.

Physics

Department: Physics & Astronomy
Division: Mathematics & Sciences

OPTION(S)

- Associate of Science Degree in Physics

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF SCIENCE DEGREE IN PHYSICS

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
CHEM 1120	4
CPSC 1150	3
MATH 1171	3
MATH 1271	3
MATH 2362	3
MATH 2371	3
MATH 2475	3
PHYS 1125	4
PHYS 1225	4
PHYS 2309	2
PHYS 2323	3
PHYS 2409	2
PHYS 2424	3

Note:

1. Recommended: CHEM 1220, CPSC 1160

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FACULTY OF SOCIAL SCIENCES & COMMUNITY PROGRAMS

Arts (General)

OPTION(S)

- Associate of Arts Degree

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF ARTS DEGREE

CURRICULUM

The associate of arts degree requires the successful completion of a minimum of 60 credits that have assigned or unassigned credit at Simon Fraser University, the University of British Columbia, the University of Victoria, or the University of Northern British Columbia.

Within the minimum 60 credits, students must complete:

1. Six credits in first-year English;
2. 36 credits in arts (including a minimum of 18 credits in arts at the second-year level taken in two or more subject areas) which must include:
   - Six credits in the social sciences;
   - Six credits in humanities (including the creative and performing arts) other than English;
   - 24 additional credits in arts;
3. Nine credits in science which shall include at least:
   - Three credits in mathematics or computing science or statistics;
   - Three credits in a laboratory science;
4. Nine credits of first- or second-year courses (Students may include university-transfer credit from career program and kinesiology and recreation courses); and
5. A minimum cumulative GPA of 2.0.

No course may be used to meet more than one of the specific requirements.

In addition to the regular Associate of Arts Degree (Arts - General), Langara College offers associate of arts degrees in the following concentrations:

- Aboriginal Studies
- Asian Studies
- Canadian Studies
- Classical Studies
- Commerce and Business Studies
- Creative Writing
- English
- Environmental Studies
- Family Studies
- Geography
- Health Sciences
- History
- Latin American Studies
- Mathematics
- Peace and Conflict Studies
- Philosophy
- Political Science
- Psychology
- Women's Studies

ASSOCIATE DEGREE DEFINITIONS

FIRST-YEAR AND SECOND-YEAR COURSES

- A first-year course is defined as a course which has assigned or unassigned transfer credit at the 100-level at UBC, SFU, UVic or UNBC.
- A second-year course is defined as a course which has assigned or unassigned transfer credit at the 200 level or higher at UBC, SFU, UVic, or UNBC.
- An arts course is defined as any first- or second-year course in a subject area for which there is a baccalaureate of arts degree at UBC, SFU, UVic, or UNBC.
- A science course is defined to be any first- or second-year course in a subject area for which there is a baccalaureate of science degree or baccalaureate of applied science degree at UBC, SFU, UVic, or UNBC.
- A laboratory science is one in which a substantial component of student instruction involves the study of natural phenomena.
- For classification of Langara College courses, i.e., humanities, arts, social science, science, and lab-science, see the online course descriptions.

Program Notes:

1. Course attribute details are available in the course description on the College website.

2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, 1107, 1108, 1110, 1120, MATH 1100, 1101, and 1150. COOP and EXPE courses may only be used to meet co-operative education and work experience requirements. Students can refer to the course descriptions for further information.

Students are assessed for graduation based on the semester that they started their program.

Arts and Science (General)

OPTION(S)

- Diploma in Arts and Science

GENERAL INFORMATION

The diploma in arts and science requirements allow for considerable flexibility in the choice of courses that a student may complete. Students can design their curriculum to meet their own needs or interests or to meet the requirements for further study. In addition to the diploma in arts and science, Langara College offers diplomas in arts and science with the following concentrations:

- Aboriginal Studies
- Asian Studies
- Canadian Studies
- Classical Studies
- Commerce
- Environmental Studies
- Family Studies
- Health Sciences (Arts)
- Health Sciences (Science)
- Latin American Studies
- Peace and Conflict Studies
- Women's Studies

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN ARTS AND SCIENCE

CURRICULUM

A minimum of 60 credits including:

1. Six credits of first-year, university-transferable English.
2. 39 credits of university-transferable courses that have science, social science, or humanities attributes [1]
3. 15 credits of any courses eligible to be used towards a Langara College credential[2]

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, 1107, 1108, 1110; MATH 1100 and 1101. COOP and EXPE courses may only be used to meet co-operative education requirements. Students can refer to the course descriptions for further information.

Students are assessed for graduation based on the semester that they started their program.

General Education

OPTION(S)

- Diploma in General Education

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: International applicants are not eligible for admission to the Diploma in General Education.

English Language Requirement

None

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN GENERAL EDUCATION

The Diploma in General Education is appropriate for students who prefer a diverse selection of courses and do not necessarily plan to undertake university study. Students may select the basic requirements of at least a minimum of 60 credits from any of the Langara College offerings that are eligible to be used for a Langara College credential. Students must choose a minimum of six credit hours from the offerings of the English department.

Program Notes:

English preparatory courses cannot be used to meet this requirement. Preparatory courses are indicated on the course listings page. Students are assessed for graduation based on the semester that they started their program.

Science (General)

OPTION(S)

- Associate of Science Degree

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF SCIENCE DEGREE

CURRICULUM

The associate of science degree requires the successful completion of a minimum of 60 credits that have assigned or unassigned credit at Simon Fraser University, the University of British Columbia, the University of Victoria, or the University of Northern British Columbia.

Within the minimum 60 credits, students must complete:

1. Six credits of MATH which shall include at least one course (three credits) in calculus;
2. A minimum of 36 credits of science, which shall include at least:
   - Three credits in a laboratory science;
   - A minimum of 18 credits in science at the second-year level taken in two or more subject areas;
3. Six credits of first-year ENGL;
4. Six credits of first- or second-year arts other than ENGL (excluding MATH and laboratory-based science courses);
5. A minimum of six credits of first- or second-year arts, science, or other university-transfer courses. (Students may include university-transfer credit from career program and KINS and RECR course offerings); and
6. A minimum cumulative GPA of 2.0.

Notes:

No course may be used to meet more than one of the specific requirements.

In addition to the regular Associate of Science Degree (Science - General), Langara College offers associate of science degrees in the following concentrations:

- Bioinformatics
- Biology
- Chemistry
- Computer Science
- Environmental Studies
- Food and Nutrition
- Health Sciences
- Mathematics
- Physics

ASSOCIATE DEGREE DEFINITIONS

FIRST-YEAR AND SECOND-YEAR COURSES

- A first-year course is defined as a course which has assigned or unassigned transfer credit at the 100-level at UBC, SFU, UVic or UNBC.
- A second-year course is defined as a course which has assigned or unassigned transfer credit at the 200 level or higher at UBC, SFU, UVic, or UNBC.
- An arts course is defined to be any first- or second-year course in a subject area for which there is a Bachelor of Arts degree at UBC, SFU, UVic, or UNBC.
- A science course is defined to be any first- or second-year course in a subject area for which there is a bachelor of science degree or a bachelor of applied science degree at UBC, SFU, UVic, or UNBC.
- A laboratory science is one in which a substantial component of student instruction involves the study of natural phenomena.
- For a classification of Langara College courses, i.e., humanities, social science, arts, science and lab-science, see the online course description.

Program Notes:

1. Course attribute details are available in the course description on the College website.
2. A small number of courses cannot be used towards a Langara credential. These courses include ENGL 1106, ENGL 1107, ENGL 1108, ENGL 1110, ENGL 1120, ENGL1121, MATH 1100, MATH 1101, and MATH 1150. COOP and EXPE courses may only be used to meet co-operative education requirements. Students can refer to the course descriptions for further information.
3. Courses used to fulfill the English requirement can include Communications (CMNS), English (ENGL), and Science Literacy (SCIE) courses that transfer to one or more of the B.C. Research Institutions (SFU, UBC, UBC-O, UVic, or UNBC) as English credit.
4. Students intending to complete an Associate of Science Degree and then transfer to another BC institution should consult with an Academic Advisor at Langara for assistance with course planning and preparing to transfer.
5. Individual courses may not be transferable to some institutions. Consult the BC Transfer Guide to determine transferability of individual courses.

Students are assessed for graduation based on the semester that they started their program.

COMMUNITY PROGRAMS

Aboriginal Studies

Department: Aboriginal Studies
Division: Community Programs

OPTION(S)

- Associate of Arts Degree in Aboriginal Studies
- Diploma in Arts and Science (Aboriginal Studies)
- Certificate in Aboriginal Studies Post-Degree

GENERAL INFORMATION

The Aboriginal studies program is an integrated university-transferable program that addresses historic and contemporary Aboriginal issues in Canada. The Aboriginal studies program is unique and comprehensive. The program welcomes all Aboriginal and non-Aboriginal students

The Aboriginal studies program has been designed to maximize options for graduates. In this respect, the program curriculum adopts a unique outcome approach, providing flexible options for students in terms of employment or further post-secondary education. The Aboriginal studies program also strives to overcome many of the systemic barriers that can hinder the success and completion rates for many Aboriginal students. Equal emphasis is placed on developing analytical, critical thinking, and interpersonal communications skills, as well as laying a solid foundation for additional educational pursuits.

The curriculum provides students with a thorough understanding of the historic and current circumstances of Aboriginal life in Canada and internationally, while at the same time looking to the future in terms of Aboriginal self-government and community development.

The three options of study in the Aboriginal studies program differ in the number of credits required for each option and in that the Associate of Arts Degree option requires math and science. The option chosen will depend on the needs and future goals of the student. The associate degree and diploma programs can be completed in four semesters. The certificate program can be completed in two semesters. All options can be completed on a part-time basis.

A unique and integral aspect of the Aboriginal studies program is the seminar component in which both students and faculty participate. The goals of these seminars are:

- To expose the students to and stimulate discussion on different topics that may or may not be covered in the classroom.
- To promote and foster a sense of community amongst the Aboriginal studies program students and faculty.
- To provide for open discussion and feedback from the students to assist in program evaluation and to facilitate change.
- To establish a supportive atmosphere between students and the program faculty to enhance completion/retention rates. Elders often participate in the seminars.

ASSOCIATE OF ARTS DEGREE IN ABORIGINAL STUDIES

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
ABST 1100	3
ABST 1102	3
ABST 1104	3
ABST 1115	3
ABST 1116	3
ABST 1150	3
ABST 1200	3
ABST 2120	3

One of	
ABST 2100 and	3
ABST 2101	3
ABST 2230 and	3
ABST 2240	3
Three of	
ABST 1105	0
ABST 1106	0
ABST 1107	0
ABST 1108	0
(bi-weekly seminars)	
Two first-year university-transferable ENGL courses [2]	6
Two humanities courses (other than ENGL)	6
One CPSC, MATH, or STAT	3
One science (ABST 1207 meets this requirement)	3
One lab science (ABST 1206 meets this requirement)	3

Notes:

1. Elective choices must be made in consultation with the program co-ordinator. Please request a complete list of acceptable electives from the co-ordinator.
2. Students intending to pursue studies in the Faculty of Arts at the University of British Columbia should choose ENGL 1100.

DIPLOMA IN ARTS & SCIENCE (ABORIGINAL STUDIES)

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

A letter of intent that outlines your reasons for wanting to enrol in this program, your educational goals, and your career goals.

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

CURRICULUM

Within the framework of the general requirements of the diploma in arts and science, students must complete the following:

Course No.	Credits
All of	
ABST 1100	3
ABST 1102	3
ABST 1104	3
ABST 1115	3
ABST 1116	3
ABST 1150	3
ABST 1200	3
ABST 2120	3
One of	
ABST 2100 and	3
ABST 2101	3
ABST 2230 and	3
ABST 2240	3
Three of	
ABST 1105	0
ABST 1106	0
ABST 1107	0
ABST 1108	0
(bi-weekly seminars)	
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3

Note:
Elective choices must be made in consultation with the program co-ordinator. Please request a complete list of acceptable electives from the co-ordinator.

CERTIFICATE IN ABORIGINAL STUDIES POST-DEGREE

Students seeking admission to the Certificate in Aboriginal Studies Post-Degree must have a university degree in an appropriate discipline. The certificate is composed of 30 credits from the program's core courses. The intent of the certificate is to provide an educational option for university graduates whose work requires knowledge of Aboriginal issues.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Bachelor's Degree (or equivalent)

International Applicants: Bachelor's Degree (or equivalent)

English Language Requirement

Category 2

Applicant Notes

Admission to a program at Langara College does not guarantee registration in required courses.

Please refer to the program application dates in the Application Information section.

CURRICULUM

For a Certificate in Aboriginal Studies Post-Degree, students must complete 30 credits from the following:

TOTAL CREDITS: 30

Course No.	Credits
Ten of:	
ABST 1100	3
ABST 1102	3
ABST 1104	3
ABST 1115	3
ABST 1116	3
ABST 1150	3
ABST 1200	3
ABST 2100	3
ABST 2101	3
ABST 2120	3
ABST 2230	3
ABST 2240	3

Note:
Course planning must be approved by the program co-ordinator.

Applied Planning

Department: Applied Planning
Division: Community Programs

OPTION(S)

- Post-Degree Diploma in Applied Planning
- Post-Degree Diploma in Applied Planning (Work Experience)

GENERAL INFORMATION:

This is an intensive program designed for students with an undergraduate degree or equivalent. Applied planning students share a passion and motivation to contribute to better and more liveable communities and a more sustainable future.

The applied planning program builds applied planning skills for people who wish to work in the field of planning. Courses emphasize team based learning and introduce students to case studies, practical projects, and a range of skills necessary for the practicing planner. Graduates of this program find work with planning organizations including local and regional government, consulting firms, and First Nations.

Students in the program require 14 courses to graduate from our 12 month program with a Post-Degree Diploma in Applied Planning. There is an optional work term which includes two additional courses.

Part-time students may be accepted into the program, space permitting. Most applied planning courses are scheduled in the evenings to enable students to work in addition to pursuing their studies.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: Bachelor's Degree (or equivalent)

International Applicants: Bachelor's Degree (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. Letter of intent
2. A post-secondary level statistics course

Applicant Notes

1. Information on the College's application process can be found in the Application for Admission section.
2. Letter of intent – provide a maximum two page letter that answers the following:
   - Why are you interested in planning?
   - Why are you interested in this program?
   - How can this program help you achieve your career goals?
3. Undergraduate (post-secondary) transcripts – Applicants must submit transcripts of their post-secondary studies demonstrating that they meet the above admissions requirements. If you have separate transcripts for the degree and statistic requirements, please submit both transcripts. You may find more information on how to submit your transcript in the Application for Admission section.
4. Admission to a program at Langara College does not guarantee registration in required courses.

POST-DEGREE DIPLOMA IN APPLIED PLANNING

CURRICULUM

TOTAL PROGRAM CREDITS: 45

TERM ONE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
APPL 4110	2
APPL 5110	3
APPL 5120	3
APPL 5130	3
APPL 5140	3
APPL 5195	1

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
APPL 5210	3
APPL 5220	3
APPL 5230	3
APPL 5240	3
APPL 5295	1
APPL 5395	1
APPL 5495	1

TERM THREE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
APPL 5310	3
APPL 5320	3
APPL 5330	3
APPL 5340	5
APPL 5595	1

Program Notes:

1. Students must achieve a minimum "C" grade in all courses in the program in order to graduate. Students also must have a minimum CGPA of 2.33 to graduate.

2. Field trips are organized for some courses in the program. These are normally arranged for Fridays. Although individual commitments may prevent them from attending all field trips, we recommend they attend these when possible. Students will find the experience and knowledge they gain from a field trip will be an advantage for completing specific projects and courses.

3. Students wishing to pursue the work experience term (EXPE 4824) are required to first complete EXPE 4800, which will be charged at a different tuition rate than the APPL courses.

4. EXPE 4800 may be taken in term one or two.

5. Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.

POST-DEGREE DIPLOMA IN APPLIED PLANNING (WORK EXPERIENCE)

CURRICULUM

TOTAL PROGRAM CREDITS: 51

TERM ONE (TOTAL CREDITS: 15–18)

Course No.	Credits
All of	
APPL 4110	2
APPL 5110	3
APPL 5120	3
APPL 5130	3
APPL 5140	3
APPL 5195	1
EXPE 4800 [4]	3

TERM TWO (TOTAL CREDITS: 15–18)

Course No.	Credits
All of	
APPL 5210	3
APPL 5220	3
APPL 5230	3
APPL 5240	3
APPL 5295	1
APPL 5395	1
APPL 5495	1
EXPE 4800 [4]	1

TERM THREE (TOTAL CREDITS: 15)

Course No.	Credits
All of	
APPL 5310	3
APPL 5320	3
APPL 5330	3
APPL 5340	5
APPL 5595	1

TERM FOUR (TOTAL CREDITS: 3)

Course No.	Credits
EXPE 4824 [3]	3

Program Notes:

1. Students must achieve a minimum "C" grade in all courses in the program in order to graduate. Students also must have a minimum CGPA of 2.33 to graduate.

2. Field trips are organized for some courses in the program. These are normally arranged for Fridays. Although individual commitments may prevent them from attending all field trips, we recommend they attend these when possible. Students will find the experience and knowledge they gain from a field trip will be an advantage for completing specific projects and courses.

3. Students wishing to pursue the work experience term (EXPE 4824) are required to first complete EXPE 4800, which will be charged at a different tuition rate than the APPL courses.

4. EXPE 4800 may be taken in term one or two.

5. Regular Studies courses numbered 4799 or lower may not be substituted into this program for graduation purposes.

Criminal Justice

Department: Criminal Justice
Division: Community Programs

OPTION(S)

- Diploma in Criminal Justice

GENERAL INFORMATION

Langara College's two-year (four-term) Diploma in Criminal Justice prepares students for a variety of careers with public and private agencies in the field of law enforcement. It is primarily designed for those seeking an entry-level job in the field. However, individual courses may be available from time to time to non-program students at Langara College and to those who wish to upgrade their knowledge and skills from the field. It is designed to be taken full-time, but may be taken part-time with departmental permission.

The criminal justice program blends university-transfer academic arts courses, skills-based courses, and practical experience. Courses are offered during the semesters beginning in January and September of each year.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN CRIMINAL JUSTICE

CURRICULUM

TOTAL CREDITS: 63

YEAR ONE

Course No.	Credits
All of	
CJUS 1217	3
CRIM 1115	3
CRIM 1116	3
CRIM 1125	3
CRIM 1215	3
CRIM 1216	3
POLI 1100	3
PSYC 1115	3
PSYC 1215	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3

YEAR TWO

Course No.	Credits
All of	
BUSM 1500	3
CJUS 2418	3
CMNS 1118	3
CRIM 1220	3
CRIM 2315	3
CRIM 2316	3
CRIM 2417	3
PSYC 2326	3
PSYC 3220	3
Two of	
CRIM 1213	3
CRIM 2415	3
CRIM 2416	3

Notes:

1. Students are advised to check prerequisite requirements for the arts and science courses that are part of this program.
2. It is recommended that students take CRIM 1115 and 1116 in the first term as they are foundational courses and may be required as prerequisites for later CRIM courses.
3. It is recommended that students take CRIM 1125, ENGL 1123, 1127, or 1128, and PSYC 1115 and 1215 as early as possible in the first year as they are foundational courses and/or may be required as prerequisites for Year Two courses.
4. Please note that students must obtain a minimum "C" grade in PSYC 1115 and 1215 before they can register in PSYC 2326, and some courses in Year Two require students to have a minimum "C" grade in ENGL 1123, 1127, 1128, 1129, or 1130 (or Level 4 on the LET or an essay score of 30 or higher on the LPI) in order to register.
5. Students must complete all courses in the diploma program with a minimum "C" grade in order to graduate. Exception: Students may be permitted to meet graduate requirements if they have a "C-" grade in no more than one of the program support courses, i.e., courses other than CRIM XXXX.

Criminology

Department: Criminal Justice
Division: Community Programs

OPTION(S)

- Diploma in Criminology

GENERAL INFORMATION

Langara College's two-year Diploma in Criminology provides students with a broad, liberal education in social science, criminal justice, and law. Students will learn scientific research methods, legal, philosophical, and theoretical approaches to aid in understanding crime and related social problems, and social responses to crime. The required courses and electives afford students an opportunity to develop critical thinking and understanding of the issues, arguments, and debates that shape the discipline of criminology. This program is primarily designed for those seeking to complete a bachelor's degree in criminology.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN CRIMINOLOGY

CURRICULUM

TOTAL CREDITS: 60

YEAR ONE

Course No.	Credits
All of	
CRIM 1115 [2]	3
CRIM 1116 [2]	3
CRIM 1125 [3]	3
CRIM 1216	3
POLI 1100	3
PSYC 1115 [3, 4]	3
PSYC 1215 [3, 4]	3
SOCI 1120	3
One of	
CRIM 1215	3
CRIM 2315	3
One of	
ENGL 1123 [3, 4]	3
ENGL 1127 [3, 4]	3
ENGL 1128 [3, 4]	3

YEAR TWO

Course No.	Credits
All of	
CMNS 1118	3
CRIM 1220	3
CRIM 2103	3
CRIM 2104	3
CRIM 2295	3
CRIM 2316	3
CRIM 2417	3
PHIL 1100	3
One of	
ABST 1200	3
ABST 1116	3
ANTH 1400	3
PSYC 2326 [4]	3
SOCI 1127	3
SOCI 2205	3
SOCI 2225	3
STAT 1124	3
One of	
CRIM 1213	3
CRIM 2415	3
CRIM 2416	3

Notes:

1. Students are strongly advised to check prerequisite requirements for all of the courses that are part of this program.
2. It's recommended that students take CRIM 1115 and 1116 in the first term as they are foundational courses and may be required as prerequisites for later CRIM courses.
3. It's recommended that students take CRIM 1125, PSYC 1115, 1215, and ENGL 1123, 1127, or 1128 as early as possible in the first year as they are foundational courses and/or may be required as prerequisites for Year Two courses.
4. Please note that students must obtain a minimum "C" grade in PSYC 1115 and 1215 before they can register in PSYC 2326.
5. Some courses in Year Two require students to have a minimum "C" grade in ENGL 1123, 1127, 1128, 1129, or 1130 (or Level 4 on the LET or a minimum essay score of 30 on the LPI) in order to register.
6. Students must complete all courses in the diploma program with a minimum "C" grade in order to graduate. Exception: Students may be permitted to meet graduation requirements if they have a minimum "C-" grade in no more than one of the program support courses i.e. courses other than CRIM XXXX.
7. Students interested in completing a degree in criminology should review program requirements at the university they intend on transferring to when choosing their electives.

Early Childhood Education

Department: Early Childhood Education
Division: Community Programs

OPTION(S)

- Diploma in Early Childhood Education
- Certificate in Early Childhood Education
- Certificate in Early Childhood Education (Part-time)
- Citation in Early Childhood Education: Special Education Post Basic
- Citation in Infant and Toddler Care and Education

GENERAL INFORMATION

In recent years there has been an increasing demand for qualified personnel to work with young children in early childhood programs. Employment opportunities exist in profit and non-profit childcare centres, parent participation preschools, private nursery schools and kindergartens, inclusive childcare and preschools, family day cares, and other child minding services. Employment opportunities in the field of early childhood increase with further education and work experience.

Langara College offers a one-year, (three semesters) full-time day program that is designed to prepare students to meet the requirements of the provincial Early Childhood Education Registry. For information regarding regulatory requirements for registration as an early childhood educator in British Columbia please see the early childhood education information web page at www.mcf.gov.bc.ca/childcare/ece. The Early Childhood Education Registry can also be reached by contacting the office at 1.888.338.6622.

Practical experience in a variety of early childhood centres is an essential part of the program.

DIPLOMA IN EARLY CHILDHOOD EDUCATION

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. View the presentation on the ECE website
2. Two letters of reference
3. Current First Aid Certification
4. Criminal Records Review

Applicant Notes

1. Letters of reference are to be written and dated within a year of application, preferably, one of which indicates successful recent experience in the care of children under six years, particularly with groups of pre-school aged children. The second letter may be a personal reference. Babysitting experience alone is not adequate. Preferably, experience means 20 hours of volunteer or paid work in a licensed childcare centre with children six years and under.
2. Once acceptance has been offered, a First Aid Certificate from an approved first aid training program must be submitted to the early childhood education department. Approved first aid training programs are listed in the Schedule C of the Community Care and Assisted Living Act under Child Care Licensing Regulations.
3. All students in early childhood education programs in British Columbia must complete a Criminal Record Review prior to initial registration. Practicum agencies require evidence of a satisfactory Criminal Record Review. If you have a criminal conviction, you are directed to contact the Criminal Records Review Program with the Ministry of Public Safety and Solicitor General Security Programs Division with regard to specific questions involving criminal convictions and the ability to register.
4. Admission to a program does not guarantee registration into required courses.
5. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

CURRICULUM

TOTAL PROGRAM CREDITS: 63

TERM ONE (TOTAL CREDITS: 21)

Course No.	Credits
All of	
ECED 1101	1
ECED 1112	3
ECED 1115	3
ECED 1116	3
ECED 1118	3
ECED 1119	2
PSYC 2324	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3

TERM TWO (TOTAL CREDITS: 22)

Course No.	Credits
All of	
CMNS 1115	3
ECED 1201	1
ECED 1212	3
ECED 1214	3
ECED 1217	3
ECED 1218	3
ECED 1219	3
PSYC 2328	3

TERM THREE (TOTAL CREDITS: 20)

Course No.	Credits
All of	
ECED 1301	1
ECED 1308	3
ECED 1315	3
ECED 1318	3
ECED 1319	4
ECED 1325	3
PSYC 2318	3

Notes:

1. Students who have successfully completed all the required Diploma in Early Childhood Education courses, and who wish to qualify for an Infant-Toddler Licence from BC's Early Childhood Education Registry, will also need to complete ECED 1329 - Infant and Toddler Practicum 1.
2. Entrance to Term Two depends on completion of all courses in Term One with a minimum "C-" grade. Similarly, entrance to Term Three depends on completion of all Term Two courses with a minimum "C-" grade unless department approval is given.
3. Students must complete all courses in the diploma program with a minimum "C-" grade. Exception: Students may be permitted to meet graduation requirements if they have a "D" grade in one, and no more than one, of the program support courses, i.e., CMNS, ENGL, or PSYC.
4. Term One serves as an introduction and overview of the field and an orientation to preschool and child care programs. Term Two focuses on program planning with an emphasis on activities and learning experiences in various curriculum areas. In Term Three, students are encouraged to put all the elements together, to organize and evaluate learning experiences, and to integrate the curriculum across all areas of programming.
5. Practical experience in the field in each term supports the particular learning objectives for that period, and the amount of time spent in the field increases with each term.

CERTIFICATE IN EARLY CHILDHOOD EDUCATION

This full-time certificate program allows students to develop the fundamental competencies required to work with and support young children and their families in licensed child care settings. This program meets the requirements of the BC Early Childhood Educator Registry.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

1. Attend an information session
2. Two letters of reference
3. Current First Aid Certification
4. Criminal Records Review

Applicant Notes

1. Letters of reference are to be written and dated within a year of application, preferably, one of which indicates successful recent experience in the care of children under six years, particularly with groups of pre-school aged children. The second letter may be a personal reference. Babysitting experience alone is not adequate. Preferably, experience means 20 hours of volunteer or paid work in a licensed childcare centre with children six years and under.
2. Once acceptance has been offered, a First Aid Certificate from an approved first aid training program must be submitted to the early childhood education department. Approved first aid training programs are listed in the Schedule C of the Community Care and Assisted Living Act under Child Care Licensing Regulations.
3. All students in early childhood education programs in British Columbia must complete a Criminal Record Review prior to initial registration. Practicum agencies require evidence of a satisfactory Criminal Record Review. If you have a criminal conviction, you are directed to contact the Criminal Records Review Program with the Ministry of Public Safety and Solicitor General Security Programs Division with regard to specific questions involving criminal convictions and the ability to register as an Early Childhood Educator in British Columbia.
4. Admission to a program does not guarantee registration into required courses.
5. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.
6. Students admitted into Langara's Certificate in Early Childhood Education full-time, in-person program may transfer into Langara's Certificate in Early Childhood Education part-time, online program. Students planning to transfer into the online program should consult with the Early Childhood Education department advisors.

Please refer to the program application dates in the Application Information section.

CURRICULUM

TOTAL PROGRAM CREDITS: 42

TERM ONE (TOTAL CREDITS: 14)

Course No.	Credits
All of	
ECED 1112	3
ECED 1115	3
ECED 1116	3
ECED 1118	3
ECED 1119	2

TERM TWO (TOTAL CREDITS: 15)

Course No.	Credits
All of	
ECED 1212	3
ECED 1217	3
ECED 1218	3
ECED 1219	3
One of	
ECED 1102	3
PSYC 2324	3

TERM THREE (TOTAL CREDITS: 13)

Course No.	Credits
All of	
ECED 1202	3
ECED 1308	3
ECED 1319	4
ECED 1325	3

Notes:

1. Students must have computer access to the internet.
2. For many of the courses, students must have consistent and regular access to licensed early childhood setting settings that care for children three–five years of age.
3. Students have up to five years from their entry term to complete the Certificate in Early Childhood Education.

CERTIFICATE IN EARLY CHILDHOOD EDUCATION (PART-TIME)

This two year part-time certificate program allows students to develop the fundamental competencies required to work with and support young children and their families in licensed childcare settings. This program meets the requirements of the BC Early Childhood Educator Registry. The program has been developed with the working student in mind and students in this program can continue to work in childcare while pursuing the credential.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Additional Requirements

1. Attend an information session
2. Two letters of reference
3. Current First Aid Certification
4. Criminal Records Review

Applicant Notes

1. Letters of reference are to be written and dated within a year of application, preferably, one of which indicates successful recent experience in the care of children under six years, particularly with groups of pre-school aged children. The second letter may be a personal reference. Babysitting experience alone is not adequate. Preferably, experience means 20 hours of volunteer or paid work in a licensed childcare centre with children six years and under.
2. Once acceptance has been offered, a First Aid Certificate from an approved first aid training program must be submitted to the early childhood education department. Approved first aid training programs are listed in the Schedule C of the Community Care and Assisted Living Act under Child Care Licensing Regulations.

3. All students in early childhood education programs in British Columbia must complete a Criminal Record Review prior to initial registration. Practicum agencies require evidence of a satisfactory Criminal Record Review. If you have a criminal conviction, you are directed to contact the Criminal Records Review Program with the Ministry of Public Safety and Solicitor General Security Programs Division with regard to specific questions involving criminal convictions and the ability to register as an Early Childhood Educator in British Columbia.
4. Admission to a program does not guarantee registration into required courses.
5. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.
6. Students admitted into Langara's Certificate in Early Childhood Education part-time, online program may transfer into Langara's Certificate in Early Childhood Education full-time, in-person program. Students planning to transfer into the in-person program should consult with the Early Childhood Education department advisors.

Please refer to the program application dates in the Application Information section.

CURRICULUM

TOTAL CREDITS: 42

Course No.	Credits
All of	
ECED 1112	3
ECED 1115	3
ECED 1116	3
ECED 1118	3
ECED 1119	2
ECED 1202	3
ECED 1212	3
ECED 1217	3
ECED 1218	3
ECED 1219	3
ECED 1308	3
ECED 1319	4
ECED 1325	3
One of	
ECED 1102	3
PSYC 2324	3

Notes:

1. Students must have computer access to the internet.
2. For many of the courses, students must have consistent and regular access to licensed early childhood setting settings that care for children three–five years of age.
3. While this is meant to be a flexible part-time program, some course do have prerequisites. It is the responsibility of the student to be aware of course prerequisites and make their course selection appropriately.
4. Students have up to five years from their entry term to complete the Certificate in Early Childhood Education.

CITATION IN EARLY CHILDHOOD EDUCATION: SPECIAL EDUCATION POST BASIC

This program meets the criteria for the Early Childhood Education Registry Early Childhood Educator: Special Education credential. This program is offered on a part-time basis in the evenings in order to be easily accessible to employed early childhood educators.

ADMISSION REQUIREMENTS

Please refer to the information regarding general requirements for admission and application to Langara College programs.

Academic Requirements

Domestic Applicants: Certificate in Early Childhood Education, Diploma in Early Childhood Education, or ECE Certificate to Practice

International Applicants: Certificate in Early Childhood Education, Diploma in Early Childhood Education, or ECE Certificate to Practice

Applicant Notes

1. Admission to a program does not guarantee registration into required courses.
2. For information regarding regulatory requirements for registration as an Early Childhood Educator in BC, please see the Early Childhood Information webpage at www.mcf.gov.bc.ca/childcare/ece or call 1.888.338.6622.

Please refer to the program application dates on the Application Information page.

CURRICULUM

TOTAL PROGRAM CREDITS: 15

TERM ONE (TOTAL CREDITS: 6)

Course No.	Credits
All of	
ECED 2415	3
PSYC 2318	3

TERM TWO (TOTAL CREDITS: 9)

Course No.	Credits
All of	
ECED 2417	3
ECED 2418	3
ECED 2419	3

Note:
Students must obtain a minimum "C-" grade in all courses to advance to the second term and have a minimum "C-" grade in all courses in the program to receive a credential.

CITATION IN INFANT AND TODDLER CARE AND EDUCATION

The Citation in Infant and Toddler Care and Education program is a three-semester online program, with a 200 hour in-person practicum. In this program, students learn to respond meaningfully to the unique and diverse developmental needs of children under the age of three in interaction, behaviour guidance, curriculum, and policy practices. They explore ways to create developmentally appropriate and inclusive environments and curriculum that respond to the specific needs and interests of infants and toddlers, and practice strategies that ensure physical and psychological safety for children in accordance with provincial legislation and agency policies.

This citation program consists of 6 courses, 18 credits in total, and meets the curriculum requirements necessary to become certified infant toddler early childhood educators with the ECE Registry in British Columbia. The program is open to any applicant who has completed an ECE Certificate or Diploma from any post-secondary institution in BC.

ADMISSION REQUIREMENTS

Please refer to the information regarding general requirements for admission and application to Langara College programs.

Academic Requirements

Domestic Applicants: Certificate in Early Childhood Education, Diploma in Early Childhood Education, or ECE Certificate to Practice

International Applicants: Certificate in Early Childhood Education, Diploma in Early Childhood Education, or ECE Certificate to Practice

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program does not guarantee registration into required courses.
2. For information regarding regulatory requirements for registration as an Early Childhood Educator in BC, please see the Early Childhood Information webpage at www.mcf.gov.bc.ca/childcare/ece or call 1.888.338.6622.

Please refer to the program application dates on the Application Information page.

CURRICULUM

TOTAL CREDITS: 18

Course No.	Credits
All of	
ECED 1214	3
ECED 1310	3
ECED 1315	3
ECED 1325	3
ECED 1329	3
PSYC 2324	3

Education Assistant

Department: Education Assistant
Division: Community Programs

OPTION(S)

- Certificate in Education Assistant
- Certificate in Education Assistant (Part-Time)
- Diploma in Education Assistant (Co-ordinated)

GENERAL INFORMATION

In the public school system, a movement away from segregated classrooms toward inclusive classrooms has resulted in dramatic changes in the ways students with disabilities are educated. In this framework, there is a need to provide education assistants with the theoretical and practical knowledge and experience that meets the individual needs of all children. An important goal of the education assistant program is to provide Langara College students with opportunities to become competent and employable educators.

The Role of the Education Assistant

Successful education assistants have an aptitude for working with adults and with children, are patient, interested in education and in learning, consider schools to be interesting and exciting places, and enjoy working in a world of rapidly changing ideas. The education assistant performs a variety of paraprofessional duties in the public school system:

- Works under the direction of teachers, administrators, or other professionals;
- Assists in the development and implementation of individualized or group communication skills, behavioural support, learning support, life-skills development, and work experience;
- Assists in the modification and adaptation of curriculum to meet the individual learning needs of students;
- Attends to and provides personal assistance to students who require assistance with toileting, positioning, diapering, mobility, feeding, grooming, and dressing;
- Transfers and assists students moving to/from wheelchairs, desks, and work areas;
- Supervises students in a variety of community-based activities;
- Attends and participates in school-based team meetings (and other meetings) as required by the support teachers or school administrators;
- Participates in parent-teacher meetings where required; and
- Performs other related work as required.

CERTIFICATE IN EDUCATION ASSISTANT

The Langara College Education Assistant program is a nine-month (two-term) program which blends the study of theoretical principles with practical experience in the areas of learning, development, communication, curriculum, behaviour, personal care, and teamwork. Opportunities to apply theoretical material occur during two three-week, full-time practicum experiences in Terms One and Two, and in May during a four-week, full-time practicum. This field work is invaluable in exposing students to the realities of the job and to potential employers.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. Volunteer or paid work experience
2. Two letters of reference
3. Criminal Record Check
4. Interview with a program faculty member

Applicant Notes

1. There is no admission test specific to this program, although as part of the admission to Langara, applicants may need to complete an English Placement test if they do not meet the English 12 application requirement or if they do not have previous post-secondary English.
2. Recent work with children or adolescents, preferably with a minimum of 50 hours of paid or volunteer experience. Preference is given to applicants with volunteer or work experience with children or adolescents with disabilities or diverse abilities in school or related settings.
3. A minimum of two recent letters certifying that the volunteer/work experience was successful, preferably with a minimum of 50 hours. Note: Letters from relatives or friends are not acceptable.
4. Demonstrated emotional maturity, independence, and an affinity for working with people is required. Assessed through a combination of consideration of the reference letters and the admission interview.
5. Good knowledge of the English language and the ability to speak and write clearly and correctly.

6. An interview conducted by program faculty where your understanding of the roles and responsibilities of Education Assistants in a school setting and your familiarity with the current BC school system will be evaluated. Admission is competitive; meeting the minimum requirements does not guarantee acceptance to the program.
7. All students in the Education Assistant program must complete a Criminal Records Check prior to the first practicum. Practicum placement facilities require evidence of a satisfactory Criminal Records Check in order for program students to work with children/adolescents in the school system.
8. Admission to a program at Langara College does not guarantee registration in required courses.
9. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

CURRICULUM

TOTAL PROGRAM CREDITS: 39

TERM ONE (TOTAL CREDITS: 18)

Course No.	Credits
All of	
EDAS 1100	3
EDAS 1110	3
EDAS 1111	3
EDAS 1120	3
EDAS 1130	3
EDAS 1220	3

TERM TWO (TOTAL CREDITS: 21)

Course No.	Credits
All of	
EDAS 1140	3
EDAS 1200	3
EDAS 1210	3
EDAS 1211	3
EDAS 1230	3
EDAS 1240	3
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3
ENGL 1129	3
ENGL 1130	3
Three credits of university-transferable ENGL.	3

Notes:

1. Each course in the program can only be taken twice.
2. Students must obtain a minimum "C-" grade ("S" for practicums) in all program courses for certificate completion.
3. Be sure to check the prerequisites for the arts and science courses that are part of the program.

CERTIFICATE IN EDUCATION ASSISTANT (PART-TIME)

The Certificate in Education Assistant (Part-Time) is designed for students who are interested in obtaining a Certificate in Education Assistant, but cannot attend college on a full-time basis. The program can be completed in as few as six semesters, but students can take up to six years to complete the program. Like the full-time option, the program blends the study of theoretical principles with practical experience in the areas of learning, development, communication, curriculum, behaviour, personal care, and teamwork. Opportunities to apply theoretical material occur during two four-week, full-time practicum experiences. This field work is invaluable in exposing students to the realities of the job and to potential employers.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. Volunteer or paid work experience
2. Two letters of reference
3. Criminal Record Check
4. Interview with a program faculty member

Applicant Notes

1. There is no admission test specific to this program, although as part of the admission to Langara, applicants may need to complete an English Placement test if they do not meet the English 12 application requirement or if they do not have previous post-secondary English.
2. Recent work with children or adolescents, preferably with a minimum of 50 hours of paid or volunteer experience. Preference is given to applicants with volunteer or work experience with children or adolescents with disabilities or diverse abilities in school or related settings.
3. A minimum of two recent letters certifying that the volunteer/work experience was successful, preferably with a minimum of 50 hours. Note: Letters from relatives or friends are not acceptable.
4. Demonstrated emotional maturity, independence, and an affinity for working with people is required. Assessed through a combination of consideration of the reference letters and the admission interview. 4. Admission is competitive; meeting the minimum requirements does not guarantee acceptance to the program.
5. Good knowledge of the English language and the ability to speak and write clearly and correctly.
6. An interview conducted by program faculty where your understanding of the roles and responsibilities of Education Assistants in a school setting and your familiarity with the current BC school system will be evaluated.
7. Admission is competitive; meeting the minimum requirements does not guarantee acceptance to the program.
8. All students in the Education Assistant program must complete a Criminal Records Check prior to the first practicum. Practicum placement facilities require evidence of a satisfactory Criminal Records Check in order for program students to work with children/adolescents in the school system.
9. Admission to a program at Langara College does not guarantee registration in required courses.
10. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English course required in this program.

CURRICULUM

TOTAL CREDITS: 39

Course No.	Credits
All of	
EDAS 1100	3
EDAS 1110	3
EDAS 1111	3
EDAS 1120	3
EDAS 1130	3
EDAS 1140	3
EDAS 1200	3
EDAS 1210	3
EDAS 1211	3
EDAS 1220	3
EDAS 1230	3
EDAS 1240	3
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3
ENGL 1129	3
ENGL 1130	3
Three credits of university-transferable ENGL.	3

Notes:

1. Each course in the program can only be taken twice.
2. Students must obtain a minimum "C-" grade ("S" for practicums) in all program courses for certificate completion.
3. Be sure to check the prerequisites for the arts and science courses that are part of the program.

DIPLOMA IN EDUCATION ASSISTANT (CO-ORDINATED)

To receive the Diploma in Education Assistant (Co-ordinated), students must successfully complete the Certificate in Education Assistant and a minimum 30 credits including a minimum 24 credits of university-transferable courses that have science, social science, or humanities attributes, and six credits of any course eligible to be used towards a Langara College credential. Students must complete a total of six credits from ENGL courses that may be used towards a Langara College credential. A link to course attribute information can be found in the course description.

Unless students transfer in courses earned before they began the Education Assistant program, they must complete the 30 credits at Langara. Refer to co-ordinated programs information for details.

Foundations to Innovations in Community Recreation

Department: Recreation Studies
Division: Community Programs

OPTION(S)

- Foundations to Innovations in Community Recreation

GENERAL INFORMATION

This micro-credential program is designed for professionals working in municipal recreation to strengthen their understanding of the critical role public recreation plays in serving their communities. Municipal recreation is a public good that fosters social capital, advances health initiatives, and addresses pressing social challenges, such as homelessness, extreme weather, and community integration. This program supports professionals in their transition into supervisory and management roles in a public-sector context by equipping them with theoretical and practical insights to effectively lead, serve, and respond to the needs of their communities.

ADMISSION REQUIREMENTS

Academic Requirements

One or all of the following:

- Successful completion of a BC secondary program (Grade 12) or the equivalent;
- Be at least 19 years of age by the first day of the first semester of attendance; or
- Successful completion of an ABE (Adult Basic Education) or GED (General Educational Development) program.

Please refer to the program application dates on the Application Information section.

FOUNDATIONS TO INNOVATIONS IN COMMUNITY RECREATION

CURRICULUM

TOTAL PROGRAM CREDITS: 3

Course No.	Credits
All of	
RECR 1000	1
RECR 1001	1
RECR 1002	1

Gerontology

Department: Social Services
Division: Community Programs

OPTION(S)

- Diploma in Gerontology

GENERAL INFORMATION

The two-year Diploma in Gerontology allows students to develop advanced skills and knowledge to meet the needs of the rapidly growing population of older adults through a strengths-based and social justice approach. In this interdisciplinary program, students gain a broad and critical understanding of aging processes and social policy issues that affect older persons and their families.

Students also have the opportunity to work with older adults through completing over 300 practicum hours in two field placement settings. This provides an opportunity to apply the theories learned in class to a wide variety of settings that support older adults.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. Completed gerontology supplemental application form
3. An interview with a program faculty member
4. Volunteer (or paid) experience in the human service field
5. Two letters of reference

Applicant Notes

1. It is the responsibility of program applicants to contact the Social Service Worker department to set up an interview.
2. Demonstrated emotional maturity, independence, and an affinity for working with people is required.
3. Previous experience in work related to the social services, preferably with a minimum of 60 hours of either paid employment and/or volunteer experience.
4. Of the two letters from employers or supervisors, one letter must be from a human service agency or organization.
5. Admission to a program does not guarantee registration into required courses.
6. Preference is given to candidates who are at least 21 years of age by the time they enter the program. Opportunities for the required practicum placements for students under 21 years of age are limited.
7. Admission is competitive; meeting the minimum requirements does not guarantee acceptance to the program.
8. Once accepted all students are required to complete a criminal record check (CRC). This criminal record check must be submitted to the Ministry of Public Safety and Solicitor General. The link to access the consent form to be submitted to the Ministry will be emailed to each application upon acceptance.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN GERONTOLOGY

CURRICULUM

TOTAL CREDITS: 62

TERM ONE

Course No.	Credits
All of	
GERO 1100	3
GERO 1115	3
GERO 1300	3
GERO 1816	1
PSYC 1115	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3

TERM TWO

Course No.	Credits
All of	
GERO 1215	3
GERO 1916	3
GERO 2100	3
PSYC 2425	3
RECR 2395	3

TERM THREE

Course No.	Credits
All of	
GERO 2110	3
HSCI 1195	3
PSYC 1215	3
SSRV 2000	3
One of	
ENGL 1129	3
ENGL 1130	3

TERM FOUR

Course No.	Credits
All of	
GERO 2016	4
GERO 2200	3
GERO 2215	3
GERO 2225	3
HSCI 2295	3

Note:

1. Students must complete all required courses in the diploma program with a minimum "C-" grade (or an "S" grade for courses graded S/U).

Leisure Studies

Department: Recreation Studies
Division: Community Programs

OPTION(S)

- Diploma in Leisure Studies

GENERAL INFORMATION

The following academic diploma is intended primarily for those seeking to complete two years of university-transfer course work towards a degree in recreation, leisure, and sport studies.

This diploma from the Department of Kinesiology does not by itself transfer to other colleges and universities. The individual courses taken to fulfill the requirements of this diploma must be assessed for their transfer credit status. Students are responsible to check with the institutions to which they want to attend to determine the transferability of courses.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN LEISURE STUDIES

CURRICULUM

A student must complete a minimum of 60 credits including:

TOTAL CREDITS: 60

Course No.	Credits
All of	
KINS 1160	3
RECR 1160	3
Three of	
RECR 1162	3
RECR 1166	3
RECR 1168	3
RECR 1170	3
RECR 1195	3
RECR 1270	3
RECR 2260	3
RECR 2295	3
RECR 2361	3
RECR 2470	3
Six to eight courses from other KINS or RECR courses, excluding recreation portfolio and internship courses.	18–24
Seven to nine courses from non-KINS and non-RECR electives, including at least two courses (six credits) in ENGL and at least three courses (nine credits) from the social sciences.	21–27

Note:

1. Kinesiology and recreation courses that presently receive transfer credit to SFU, UBC, UNBC, and UVic may be used to fulfill the elective course requirements for diplomas or associate degrees in arts and science.

Library & Information Technology

Department: Library & Information Technology
Division: Community Programs

OPTION(S)

- Diploma in Library & Information Technology
- Library & Information Technology (Flexible Participation Option)

GENERAL INFORMATION

The two-year, four-term Diploma in Library & Information Technology has been developed in accordance with the recommendations made by the Canadian Library Association Committee on Library Technicians (role and education). The program prepares students for para-professional duties in libraries. Students will spend more than one-half of their time learning library and related business techniques. Some of the program's courses are transferable to universities.

Library course work involves lectures, field trips, field work, and workshops. The program's two practicums occur in April and May; the first-year practicum is two weeks long and the second year practicum is four weeks long. The field work experience exposes you to the realities of the job and to potential employers.

Langara College's Diploma in Library & Information Technology is recognized across Canada. Graduates of the program are currently employed in a wide range of libraries and information services: in public libraries; in libraries associated with universities, colleges and schools; and in public institutions, business, government and special libraries. Graduates may also work for companies supporting information-based software programs and resources. Library and information technicians usually work under professional librarians except in smaller libraries where they might work alone. Graduates may be required to catalogue, issue and receive a host of library holdings: books, film, pictures, maps, computer files, and sound recordings. They must know how to locate specialized materials and maintain library collections. Graduates can also expect to become involved with public programs, library tours and children's programs, or provide technical support to the library or information centre patrons.

Library and information technicians should enjoy people, books and information organization. A permanent interest in learning is characteristic of the most effective library workers. There is a need for accuracy and attention to detail while in the program and throughout their working career.

ADMISSION REQUIREMENTS

Please refer to the information regarding general requirements for admission and application to Langara College programs.

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older
International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. Letter of intent
2. Interview with program faculty member
3. Criminal Record Check

Applicant Notes

1. Letter of intent from the student highlighting why they want to enter the field and what skills they have that make them suitable for the program.
2. An interview conducted by program faculty in which the student will be assessed for:
   - communication skills
   - knowledge of the library and information field
   - emotional maturity and affinity to work with people
   - familiarity with basic computer operations (file management, document creation, etc.)
   - Immediately following the interview, applicants will be required to complete a test which includes:
   - Completion of several short essays that provide evidence of good written and communication skills and familiarity with the library community and field
   - Filing activity that demonstrates an aptitude for following written rules and performing typical library procedures
3. Admission to a program does not guarantee registration into required courses.
4. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.
5. A minimum keyboard speed of 30 wpm is strongly recommended.
6. All students in the Library and Information Technology program must complete a Criminal Record Check (CRC) prior to initial registration. Practicum agencies require evidence of a satisfactory Criminal Record Review. If students have a criminal conviction, they are directed to contact the Criminal Records Review Program with the Ministry of Public Safety and Solicitor General Security Programs Division with regard to specific questions involving criminal convictions.
7. On a space-available basis, students may be considered for admission to the program for studies on a part-time basis in the Flexible Participation option.

Please refer to the program application dates on the Application Information page.

DIPLOMA IN LIBRARY & INFORMATION TECHNOLOGY

CURRICULUM

Students in the Diploma in Library & Information Technology must achieve a minimum "C" grade (or an "S" in courses graded S/U) in all courses required for the program in order to remain in the library program and receive the Diploma in Library & Information Technology.

TOTAL CREDITS: 61

YEAR ONE

Course No.	Credits
All of	
BCAP 1200	3
LIBR 1111	3
LIBR 1118	3
LIBR 1120	3
LIBR 1219	3
LIBR 1228	3
Three credits of ENGL (may include CMNS 1118 or 2228) [1]	3
One of	
LIBR 1195	3
LIBR 1295	3
LIBR 1395	3
LIBR 1595	3
LIBR 2195	3
LIBR 2295	3
LIBR 2315	3
LIBR 2395	3
LIBR 2410	3
LIBR 2495	3
LIBR 2516	3
LIBR 2595	3
LIBR 2695	3

One of	
ABST 1100	3
ABST 1102	3
ABST 1104	3
ABST 1115	3
ABST 1116	3
AHIS 1119	3
ANTH 1180	3
BUSM 1100	3
BUSM 1115	3
BUSM 1200	3
BUSM 2115	3
BUSM 2200	3
CNST 1120	3
CNST 1130	3
CNST 1140	3
HIST 1116	3
HIST 1126	3
HIST 1161	3
HIST 2207	3
HIST 2215	3
HIST 2217	3
POLI 1119	3
Three credits of general electives, excluding preparatory courses [2]	3

YEAR TWO

Course No.	**Credits**
All of	
LIBR 2328	4
LIBR 2411	3
LIBR 2416	3
LIBR 2418	3
LIBR 2419	3
Two of [3]	
LIBR 1195	3
LIBR 1295	3
LIBR 1395	3
LIBR 1595	3
LIBR 2195	3
LIBR 2295	3
LIBR 2315	3
LIBR 2395	3
LIBR 2410	3
LIBR 2495	3
LIBR 2516	3
LIBR 2595	3
LIBR 2695	3
Three credits of ENGL (may include CMNS 1118 or 2228) [1]	3
Six credits of general electives, excluding preparatory courses [2]	6

Notes:

1. Library students typically complete ENGL 1100, 1123, 1129, or 1130. Students who have had previous success in post-secondary English may consult the English Department to determine if registering in second-year English courses may be appropriate.
2. Recommended general elective courses are:
   - Courses with content in Canadian history and political sciences, Aboriginal studies courses, computing systems, or web development.
3. Please note, the courses taken from this list cannot be the same courses taken in Year One.

LIBRARY & INFORMATION TECHNOLOGY (FLEXIBLE PARTICIPATION OPTION)

The flexible participation option is a distance education option for students in the library and information technology program. Selected courses will be offered in each semester (spring, summer, and fall). Flexible participation option program students must have a minimum participation of three LIBR credits (one course) in each of two semesters annually, including their first two terms of studies. Students may take up to 16 program credits in any semester.

A limited selection of courses will be offered in each semester. There is no guarantee that a specific course will be offered in any specific semester or year. Students who wish to complete the diploma within three years are advised to take courses in the semester in which they are scheduled.

CURRICULUM

Students in the Library & Information Technology program (Flexible Participation Option) must achieve a minimum grade of "C" (or an "S" in courses graded S/U) in all courses required for the program in order to remain in the library program and receive the Diploma in Library & Information Technology.

TOTAL CREDITS: 61

Course No.	**Credits**
All of	
BCAP 1200	3
LIBR 1111	3
LIBR 1118	3
LIBR 1120	3
LIBR 1219	3
LIBR 1228	3
LIBR 2328	4
LIBR 2411	3
LIBR 2416	3
LIBR 2418	3
LIBR 2419	3
Three of	
LIBR 1195	3
LIBR 1295	3
LIBR 1395	3
LIBR 2195	3
LIBR 2295	3
LIBR 2315	3
LIBR 2395	3
LIBR 2410	3
LIBR 2495	3
LIBR 2516	3
LIBR 2595	3
One of	
ABST 1100	3
ABST 1102	3
ABST 1104	3
ABST 1115	3
ABST 1116	3
AHIS 1119	3
ANTH 1180	3
BUSM 1100	3
BUSM 1115	3
BUSM 1200	3
BUSM 2115	3
BUSM 2200	3
CNST 1120	3
CNST 1130	3
CNST 1140	3
HIST 1116	3
HIST 1126	3
HIST 1161	3
HIST 2207	3
HIST 2215	3
HIST 2217	3
POLI 1119	3
Six credits of ENGL (may include CMNS 1118 or 2228) [1]	6
Nine credits of general electives, excluding preparatory courses [2]	9

Notes:

1. Library students typically complete ENGL 1100, 1123, 1129, or 1130. Students who have had previous success in post-secondary English may consult the English Department to determine if registering in second-year English courses may be appropriate.
2. Recommended general elective courses are:
   - Courses with content in Canadian history and political sciences, Aboriginal studies courses, computing systems, or web development.

Recreation Leadership

Department: Recreation Studies
Division: Community Programs

OPTION(S)

- Diploma in Recreation Leadership

GENERAL INFORMATION

The Diploma in Recreation Leadership combines a strong foundation in the concepts and theory of recreation and leisure with leadership, communication, and business skills development tailored to a recreation practitioner.

Practical experience is emphasized throughout the program, both in the classroom and in the field. In the diploma, students will gain a well-rounded and thorough understanding of the field of recreation, including facilities and other environments. Each student will have the opportunity to develop their personal portfolio within the recreation field and to directly apply their knowledge during internship.

Students will learn how to effectively lead, instruct, facilitate, motivate, and supervise within the recreation field. They will learn how to design, implement and market quality programs, services, and special events for diverse participants. These skill sets will be able to be applied in a recreation, health promotion, community service, tourism, and/or volunteer setting.

Graduates of the Diploma in Recreation Leadership have the skills, knowledge, and ability for direct leadership, instructor, and some entry-level supervisory jobs. With experience and on-going professional development, graduates can build a career in recreation or put this leadership skill set to use in another field.

Upon receipt of the Diploma in Recreation Leadership, students are eligible to apply to the Bachelor of Recreation Management (BRM) degree. The BRM is a two-year program (when taken full-time), which is fully online and provides the next step toward a management position in community recreation.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

A completed Supplemental Recreation Program Application Form

Applicant Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.
3. Before the first day of classes, a medical examination indicating good emotional, physical, and psychological health may be required for the outdoor field school as part of the RECR 1162 course in Term One. Upon acceptance to the program, students will receive a package from the field school operator that includes information about this requirement.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN RECREATION LEADERSHIP

CURRICULUM

TOTAL CREDITS: 60

Course No.	Credits
All of	
BUSM 1100	3
MARK 1115	3
RECR 1160	3
RECR 1162	3
RECR 1166	3
RECR 1168	3
RECR 1170	3
RECR 1270	3
RECR 2260	3
RECR 2288	3
RECR 2361	3
RECR 2388	3
RECR 2470	3

One of	
CMNS 1115	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
One of	
CMNS 1118	3
ENGL 1129	3
ENGL 1130	3
One of	
RECR 2487	12
RECR 2497	12
One elective from any Langara course offerings that are eligible to be used towards a Langara credential	3

Notes:

1. Students must complete all of the 1000 and 2000 level RECR courses with a minimum "C" grade (or an "S" grade in courses graded S/U) to be eligible to register in either RECR 2487 or 2497.
2. If missing three credits in one non-recreation course, a student must contact the department chair, in writing, requesting to register in either RECR 2487 or 2497.

Recreation Management

Department: Recreation Studies
Division: Community Programs

OPTION(S)

- Bachelor of Recreation Management

GENERAL INFORMATION

Recreation is about improving people's quality of life. It is a dynamic and diverse field that spans the public, private, and non-profit sectors. From health wellness to advocacy, recreation professionals provide leadership by creating positive environments for people of all ages to explore their potential, connect to community, increase health and wellness, celebrate cultural traditions, and live meaningful, happy lives.

The Bachelor of Recreation Management (BRM) is a degree completion program (third and fourth year of a bachelor's degree) for students who have a recreation diploma or the equivalent (see Admissions Requirements) and who are interested in pursuing careers in the recreation field. The program is flexible and student-focused, and combines a solid foundation in management theory and practical knowledge with specialized courses in recreation.

Students will work closely with recreation organizations, applying their knowledge to real-life situations as they learn.

The third and fourth year of the BRM can be completed in two years (six semesters) if taken on a full-time basis. As many of today's students work full- or part-time, students have the option of completing the BRM on a full- or part-time basis. The program is designed to offer flexibility in delivery methods and all courses at the third- and fourth-year level are delivered online.

ADMISSION REQUIREMENTS

Please refer to the information regarding general requirements for admission and application to Langara College programs.

There are two access routes for admission to the third year of the Bachelor of Recreation Management. Students admitted to the third year of the program will have completed at least 60 credits of post-secondary studies in one of the following routes:

1. Graduation from the Diploma in Recreation Leadership at Langara College; or
2. The successful completion of at least 60 credits of post-secondary coursework for which Langara awards transfer credit, combined with relevant recreation experience. Prospective students seeking admission through route two must have completed the following:
   - A minimum of six credits of university-transferable English or communications coursework.
   - A Supplemental Recreation Program Application Form. The Supplemental Recreation Program Application Form is a questionnaire regarding the prospective student's experience in the recreation field, academic experience, and educational and career goals. Based on their post-secondary experience and the information provided in the Supplemental Recreation Program Application Form, students seeking admission through route two will be individually assessed as to whether or not their combination of academic experience and practical experience in the recreation field is equivalent to having achieved the program learning outcomes of the Diploma in Recreation Leadership.

All Bachelor of Recreation Management students are required to complete two courses: RECR 1160 - Foundations of Leisure and Recreation and MARK 1115 - Introduction to Marketing. These courses, which are included in the Diploma in Recreation Leadership curriculum, but not in the Bachelor of Recreation Management curriculum, are prerequisites for several Bachelor of Recreation Management courses. Students are encouraged to take these courses as early as possible in order to progress in the Bachelor of Recreation Management.

BACHELOR OF RECREATION MANAGEMENT

CURRICULUM

TOTAL PROGRAM CREDITS: 120

THIRD AND FOURTH YEAR CREDITS: 60

To obtain a Bachelor of Recreation Management, students are required to complete a minimum of 60 credits in the third and fourth year of the program (minimum 120 credits in total for the degree) Students may take the online courses on a full- or part-time basis.

Listed below are the courses required to receive a Bachelor of Recreation Management. Although some courses in the program are required as prerequisites for others, there is considerable flexibility in the order that most courses may be taken. A departmental advisor is available to discuss a course sequence appropriate to the student's personal goals. As not all courses will be offered every semester, students should take care when planning their course schedule.

Course No.	Credits
All of	
BUSM 2115	3
BUSM 2200	3
BUSM 4120	3
CMNS 2228	3
FMGT 1116	3
LIBR 3210	3
MARK 3150	3
MARK 3250	3
RECR 3120	3
RECR 3160	3
RECR 3200	3
RECR 3230	3
RECR 3260	3
RECR 4150	3
RECR 4160	3
RECR 4270	3
RECR 4400	6

One of university-transferable elective. A university-transferable elective is defined as any course that has assigned or unassigned transfer credit at UBC, SFU, UVIC, or UNBC.	3
One of university-transferable elective at the 3000-level or higher. A university-transferable elective is defined as any course that has assigned or unassigned transfer credit at UBC, SFU, UVIC, or UNBC.	3

Notes:

1. Students are advised to review individual course descriptions for prerequisites.
2. Please note that students are responsible for their maintenance of standing while enrolled in the Bachelor of Recreation Management. Students must complete all of the 3000 and 4000 level RECR courses with a minimum "C" grade in order to be eligible to register in RECR 4400: Applied Major Project.

Social Service Worker

Department: Social Services
Division: Community Programs

OPTION(S)

- Certificate in Social Service Worker
- Diploma in Social Service Worker (Co-ordinated)

GENERAL INFORMATION

The nine-month (September through May) social service worker program prepares students for employment at the entry level in a variety of social service and health-related agencies. The program provides a combination of academic, experiential, and community-based learning and focuses on the theory and practice of delivering basic social services. Students take eight courses each term including arts and science support courses. The support courses may be taken in advance of entering the program. The program emphasizes practical skills that are transferable to a wide range of community social services including interviewing, problem solving, team-work, self-care, working in supervised environments, assessment, and referral.

The Certificate in Social Service Worker is awarded to students who successfully complete the two four-month terms and subsequent five-week block practicum. A Diploma in Social Service Worker (Co-ordinated) is awarded to students who have also completed an additional 30 credits of academic studies at Langara College.

Employment opportunities for graduates of the social service worker program vary based on new and emerging needs, funding priorities, development of new services, and expansion of existing programs. Graduates of the program find employment in both private and public sector agencies and in a variety of programs. Among the types of organizations and services that employ graduates are neighbourhood houses, youth service agencies, family centres, women's programs, immigrant service agencies, rehabilitation centres, First Nations bands and councils, advocacy organizations, social and recreational programs, the Ministry of Human Resources, and the Ministry for Children and Families.

In compliance with provincial legislation, the College requires the completion of a criminal record check (CRC) for students in this program. This CRC must be completed by students using the forms provided by the College. Students will be supplied with these forms via email once they are accepted to the program. There is a fee for students to complete the CRC. For more information visit the Ministry of Justice website.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 1

Additional Requirements

1. A minimum "C" grade in three credits of university-transferable courses.
2. Social Service Worker supplemental application form
3. Interview with a program faculty member
4. Volunteer or paid experience
5. Two letters of reference

Applicant Notes

1. It is the responsibility of program applicants to contact the Social Service Worker department to set up the interview.
2. Demonstrated emotional maturity, independence, and an affinity for working with people is required.
3. Previous experience in work related to social services, preferably would contain a minimum of 60 hours of either paid employment and/or volunteer experience.
4. Of the two reference letters from employers or supervisors, one letter must be from a human service agency or organization.
5. Admission to a program does not guarantee registration into required courses.
6. Preference is given to candidates who are at least 21 years of age by the time they enter the program. Opportunities for the required practicum placements for students under 21 years of age are limited.
7. Admission is competitive; meeting the minimum requirements does not guarantee acceptance to the program.
8. Once accepted all students are required to complete a criminal record check (CRC). This criminal record check must be submitted to the Ministry of Public Safety and Solicitor General. The link to access the consent form to be submitted to the Ministry will be emailed to each applicant upon acceptance.

Please refer to the program application dates in the Application Information section.

CERTIFICATE IN SOCIAL SERVICE WORKER

CURRICULUM

TOTAL CREDITS: 42

TERM ONE (TOTAL CREDITS: 19)

Course No.	Credits
All of	
PSYC 1115	3
SSRV 1115	3
SSRV 1116	2
SSRV 1117	3
SSRV 1118	3
SSRV 1131	1
SSRV 1132	1
One of	
ENGL 1123 [2]	3
ENGL 1127 [2]	3
ENGL 1128 [2]	3

TERM TWO (TOTAL CREDITS: 23)

Course No.	Credits
All of	
PSYC 1215	3
SSRV 1119	3
SSRV 1120	3
SSRV 1121	3
SSRV 1219	2
SSRV 1230	2
SSRV 1232	1
SSRV 1233 [1]	3
One of	
ENGL 1129 [2]	3
ENGL 1130 [2]	3

Notes:

1. SSRV 1233 includes a five-week block practicum at the end of the program.
2. Students must complete six credits of university-transferable English courses for which Langara College awards credit.

Progression Requirement:

Students who have two unsuccessful attempts in one required program course, or have one unsuccessful attempt in two or more required program courses, will not be permitted to continue in the program unless the department chair has granted approval.

The program is demanding; therefore, students are advised to try to complete one or more of the academic support courses in advance of admission to the program.

DIPLOMA IN SOCIAL SERVICE WORKER (CO-ORDINATED)

To receive the Diploma in Social Service Worker (Co-ordinated), students must successfully complete the Certificate in Social Service Worker and a minimum 30 credits including a minimum 24 credits of university-transferable courses that have science, social science, or humanities attributes, and six credits of any course eligible to be used towards a Langara College credential. Six credits of the credits required for this diploma must be from the offerings of the English department. A link to course attribute information can be found in the course description.

Unless students transfer in courses earned before they began the social service worker program, they must complete the 10 courses at Langara. Refer to co-ordinated programs information for details.

Social Service Worker (Gerontology)

Department: Social Services
Division: Community Programs

OPTION(S)

- Certificate in Social Service Worker (Gerontology)

GENERAL INFORMATION

The eight-month Certificate in Social Service Worker (Gerontology) program allows students to develop skills and knowledge to meet the needs of the rapidly growing population of older adults through a strengths-based and social justice approach. In this interdisciplinary program, students gain a broad and critical understanding of aging processes and social policy issues that affect older persons and their families.

Students also have the opportunity to work with older adults by completing over 200 practicum hours in a field placement setting. The practicum provides an opportunity to apply the theories learned in class to a wide variety of settings that support older adults. This program ladders directly into the Diploma in Gerontology.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 2

Additional Requirements

1. Completed gerontology supplemental application form
2. Interview with a program faculty member
3. Volunteer or paid experience in the human service field
4. Two letters of reference

Applicant Notes

1. It is the responsibility of program applicants to contact the Social Service Worker department to set up the interview.
2. Demonstrated emotional maturity, independence, and an affinity for working with people is required.
3. Previous experience in work related to social services, preferably would contain a minimum of 60 hours of either paid work or of volunteer work.
4. Of the two reference letters from employers or supervisors, one letter must be from a human service agency or organization.
5. Admission to a program does not guarantee registration into required courses.
6. Preference is given to candidates who are at least 21 years of age by the time they enter the program. Opportunities for the required practicum placements for students under 21 years of age are limited.
7. Admission is competitive; meeting the minimum requirements does not guarantee acceptance to the program.
8. Once accepted all students are required to complete a criminal record check (CRC). This criminal record check must be submitted to the Ministry of Public Safety and Solicitor General. The link to access the consent form to be submitted to the Ministry will be emailed to each applicant upon acceptance.

Please refer to the program application dates in the Application Information section.

CERTIFICATE IN SOCIAL SERVICE WORKER (GERONTOLOGY)

CURRICULUM

TOTAL CREDITS: 31

TERM ONE

Course No.	Credits
All of	
GERO 1100	3
GERO 1115	3
GERO 1300	3
GERO 1816	1
PSYC 1115	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3

TERM TWO

Course No.	Credits
All of	
GERO 1215	3
GERO 1916	3
GERO 2100	3
PSYC 2425	3
RECR 2395	3

SOCIAL SCIENCES

Applied Social Sciences and Humanities

Division: Social Sciences

OPTION(S)

- Diploma in Applied Social Sciences and Humanities

GENERAL INFORMATION

The labour market has shifted away from traditional industry and manufacturing toward a knowledge-based economy where individuals with a grounding in social sciences and humanities are sought-after assets. The purpose of the DASSH program is to provide social science and humanities education and related technical skills training necessary to success in a variety of evolving knowledge-based careers, including those in business, law, journalism, government, communications, public administration, the non-profit sector, and information technology and management.

The program comprises a set of core social sciences and humanities courses that teach critical foundational knowledge and skills for an evolving knowledge-based economy and workplace. To facilitate practical translation and application of the core social sciences and humanities education, students acquire technical skills through courses in digital media, software use, and financial literacy. Together, the knowledge and skills produced fall into nine broad categories - communication, critical thinking and problem solving,quantitative fluency, information literacy,ethical reasoning, digital literacy, institutional knowledge, systems thinking, and teamwork and collaboration.

Courses in this diploma program are taught so that students are able to articulate and actively apply the employability skills and knowledge they have acquired. An experiential learning project enables students to apply and showcase their learning. They will graduate with a portfolio demonstrating their knowledge and skills.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program does not guarantee registration into required courses.
2. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

DIPLOMA IN APPLIED SOCIAL SCIENCES AND HUMANITIES

CURRICULUM

TOTAL CREDITS: 61

YEAR ONE

Course No.	Credits
All of	
BCAP 1200	3
BUSM 1115	3
DASH 1199	3
GEOG 1110	3
PHIL 1100	3
POLI 1100	3
One of	
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
Three of University-transferable courses in social sciences and humanities	9

YEAR TWO

Course No.	Credits
All of	
DASH 2000	1
DASH 2199	3
FMGT 1116	3
PSYC 1215	3

One of	
CRIM 1220	3
GEOG 2210	3
PSYC 2320	3
SOCI 2230	3
STAT 1124	3
One of	
ENVS 2100	3
GEOG 2275	3
One of	
CPSC 1030	3
CPSC 1040	3
CPSC 1045	3
One of	
ECON 1220	3
ECON 1221	3
Three of University-transferable courses in social sciences and humanities numbered 2000 or higher	9

Notes:
1. Students must complete all courses in the diploma program with a minimum "C-" grade, and an "S" grade in DASH 2000, in order to be eligible for graduation.

2. Students are advised to check the prerequisites for their chosen elective first- and second-year courses.

Asian Studies

Department: Asian Studies
Division: Social Sciences

OPTION(S)

- Associate of Arts Degree in Asian Studies
- Diploma in Arts and Science (Asian Studies)

GENERAL INFORMATION

When successfully completed, these programs will make the student eligible for acceptance to the second or third year of the department of Asian Studies at UBC, or the second- or third-year level of the faculty of arts in most BC universities, provided all other entry requirements are also fulfilled. With the proper economics and mathematics courses taken at Langara College, the student may qualify for further studies in business at a university. Students are responsible for confirming their selection of transfer courses with the appropriate university faculty.

The challenges and opportunities of an international career are many, especially if students are interested in cultural, linguistic, social, and political similarities and differences among people.

Through a continuation of study at university, careers in education, research, business management, government and related areas will be more available to students.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF ARTS DEGREE IN ASIAN STUDIES

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
ASIA 1100	3
ASIA 1101	3
Three credits of any university-transferable 1000 or 2000 level ASIA courses	3
Six credits of any university-transferable 2000 or 3000 level ASIA courses	6
Six credits of any university-transferable CHIN or JAPN courses	6

DIPLOMA IN ARTS AND SCIENCE (ASIAN STUDIES)

CURRICULUM

Within the framework of the general requirements of the Diploma in Arts and Science, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
ASIA 1100	3
ASIA 1101	3
Three credits of any university-transferable 1000 or 2000 level ASIA courses	3
Six credits of any university-transferable 2000 or 3000 level ASIA courses	6
Six credits of any university-transferable CHIN or JAPN courses	6

Geography

Department: Geography & Geology
Division: Social Sciences

OPTION(S)

- Associate of Arts Degree in Geography

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF ARTS DEGREE IN GEOGRAPHY

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
One of	
GEOG 1111	3
GEOG 1180	3
Two of	
GEOG 1105	3
GEOG 1110 [1]	3
GEOG 1120	3
GEOG 1130	3
GEOG 1150	3
GEOG 1155	3
GEOG 1160	3
One of	
GEOG 1190	3
GEOL 1107	3
Three of	
GEOG 2155	3
GEOG 2207	3
GEOG 2210	3
GEOG 2230	3
GEOG 2250	3
GEOG 2270	3
GEOG 2275	3
GEOG 2280	3
GEOG 2290	3
GEOG 2500	3

Note:

1. Students who have previously completed GEOG 1170 may use this course in place of the GEOG 1110 requirement.
2. Students intending to transfer to another institution should refer to the BC Transfer Guide for course transfer information.

History

Department: History, Latin, & Political Science
Division: Social Sciences

OPTION(S)

- Associate of Arts Degree in History

GENERAL INFORMATION

History is not simply a listing of facts and dates; rather, it is an exploration of real lives lived in the past. Without an understanding of where we have been, how can we know where we are and where we are headed? Through an examination of the past, students will learn to read with understanding so that they can critically evaluate conflicting evidence and understand the importance of context in shaping events and attitudes.

The Associate of Arts Degree in History is intended to prepare students to pursue third-and fourth-year courses at university as majors or minors in history. The degree will also be beneficial for those students who wish to pursue careers in journalism, government, social policy, or law. We offer a wide range of history courses at both the first- and second-year levels; all first-year and most second-year courses have no prerequisites.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.

3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF ARTS DEGREE IN HISTORY

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
Six HIST including at least two courses (six credits) of HIST numbered 2xxx	18
Two ENGL including at least one of ENGL 1100, 1123, 1127, or 1128	6

Political Science

Department: History, Latin, & Political Science
Division: Social Sciences

OPTION(S)

- Associate of Arts Degree in Political Science

GENERAL INFORMATION

Political Science is a multi-faceted discipline covering many areas of specialization. While students can choose from a wide variety of first and second-year political science courses at Langara College, they will develop a common set of skills designed to enable them to gain an enriched appreciation of the complexity of political life, while developing an enhanced ability to think critically about the world in which we live. Political science courses at Langara are also intended to provide a preparation for subsequent courses at the senior undergraduate level which build and reinforce levels of experience gained at this stage.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF ARTS DEGREE IN POLITICAL SCIENCE

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
Four of	
POLI 1100	3
POLI 1119	3
POLI 1140	3
POLI 1145	3
POLI 1160	3
POLI 1195	3
POLI 1250	3
Two of	
POLI 2209	3
POLI 2219	3
POLI 2229	3
POLI 2239	3
POLI 2240	3
POLI 2241	3
POLI 2245	3
POLI 2250	3
POLI 2260	3
POLI 2265	3
POLI 2270	3
POLI 2275	3
POLI 2280	3
POLI 2295	3
One of	
ENGL 1100	3
ENGL 1123	3
ENGL 1127	3
ENGL 1128	3
Three credits of ENGL	3

Psychology

Department: Psychology
Division: Social Sciences

OPTION(S)

- Associate of Arts Degree in Psychology

GENERAL INFORMATION

Psychology is a multi-faceted discipline that includes an exciting array of career options. The Associate of Arts Degree in Psychology is designed to offer focus and direction to prospective psychology majors and minors.

When successfully completed, the general and specific requirements will prepare students for entry into the third-year level of most university psychology programs. However, students are responsible to confirm their selection of transfer courses with their chosen university destinations as first-year and second-year requirements can vary slightly from institution to institution.

The Psychology department at Langara College has a comprehensive selection of psychology offerings. Courses range from surveys of fundamental concepts to in-depth investigations of human behaviour.

ADMISSION REQUIREMENTS

Academic Requirements

Domestic Applicants: BC Grade 12 Graduation (or equivalent) or 19 years of age or older

International Applicants: BC Grade 12 Graduation (or equivalent)

English Language Requirement

Category 3

Applicant Notes

1. Admission to a program at Langara College does not guarantee registration in required courses.
2. Students interested in the program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
3. Students admitted to this program may need to take one or more additional English courses in order to meet the prerequisite requirements of the English courses required in this program.

Please refer to the program application dates in the Application Information section.

ASSOCIATE OF ARTS DEGREE IN PSYCHOLOGY

CURRICULUM

Within the framework of the general requirements of the Associate of Arts Degree, students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
PSYC 1115	3
PSYC 1215	3
PSYC 2320	3
PSYC 2321	3
Two of	
PSYC 2318	3
PSYC 2322	3
PSYC 2323	3
PSYC 2324	3
PSYC 2325	3
PSYC 2326	3
PSYC 2329	3
PSYC 2331	3
PSYC 2333	3
PSYC 2341	3
PSYC 2413	3
PSYC 2424	3
PSYC 2425	3
PSYC 2426	3

Note:

1. Students are encouraged to consult the Psychology Course Planning Guide for detailed information on recommended course pathways and transfer options tailored to their intended transfer institution.

Langara College Course Information

Langara Course Information

INTRODUCTION

A course at Langara normally consists of three or more hours of classwork, or equivalent per week in one subject area for a four-month period.

COURSE DESCRIPTIONS

Not all courses will be offered during any one semester. Information on semester course offerings is included in the Registration Guide and Course Schedule, which is available approximately two months before the beginning of each semester.

COURSE NUMBERING

The first digit in the four-digit number indicates the year level as determined by Langara. Please note that courses with a first digit of '1' may transfer as second-year courses at some universities and that some with the first digit of '2' may transfer as first-year courses. Students can refer to the BC Transfer Guide available online at www.bctransferguide.ca or to the institution to which they want to transfer for transfer credit information.

PREREQUISITES

A prerequisite is a requirement students must fulfill before registering in a course. Unless otherwise noted, a minimum "C-" or "S" grade in the prerequisite course is required. As well as courses, prerequisites may include minimum scores on placement tests, departmental permission, or acceptance into a particular program.

Prerequisite requirements, where applicable, are included in the course descriptions. For some career program courses, specific prerequisites are not indicated because admission to these courses generally depends on the degree of student success in the previous term of the program.

COURSE ATTRIBUTES

Course attributes are descriptions assigned to Langara courses to help students determine how these courses meet associate degree requirements. These attributes are assigned based on how current Langara courses transfer to at least one of the BC research universities: UBC, UBCO, SFU, UVIC, and UNBC.

Note: A first-year course at Langara may be given a second-year attribute because it transfers to at least one of the universities as a second-year course. This Langara course may transfer to all of the other universities as a first-year course.

Students requiring a university-transferable elective may use the "UT" course attribute information to determine the Langara course transfer status.

CREDITS

A standard credit represents a minimum of one hour per week of classroom work or equivalent for a semester. Most courses carry three credits but require more than three hours of classroom work or the equivalent in laboratories, seminars, tutorials, etc.

Credits are indicated in parentheses immediately after each course number.

TRANSFERABILITY OF COURSES

Students can refer to the BC Transfer Guide (online at www.bctransferguide.ca) or contact the receiving institution to obtain information on the transferability of Langara courses. Information on the transferability of courses is also available from Counselling Services.

HOURS OF INSTRUCTION

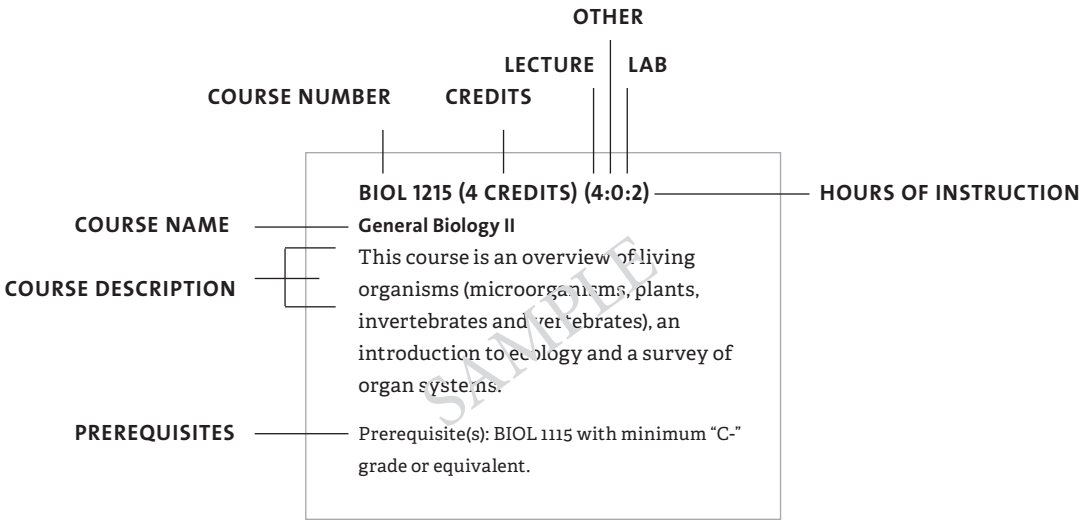
Hours of instruction appear after the course credits in a series of three numbers. The first number indicates the hours of lecture, the second indicates the hours of other course components, and the third indicates the hours of laboratory time required each week. These numbers are approximate. Instructors may adjust these allotments to successfully meet the learning goals of individual classes. Courses offered in a non-traditional format, e.g., online courses, will have equivalent instructional time that comprises independent, guided study.

HALF-SEMESTER COURSES

Langara offers a limited number of courses each semester in seven-week sessions. The seven-week session courses are listed in the Registration Guide and Course Schedule with section numbers prefaced by an "A" or "B". e.g., ENGL 1127 A01.

DISTANCE EDUCATION COURSES - ONLINE OR GUIDED INDEPENDENT STUDY

Distance education courses are recommended only for students who are confident of their ability to work independently. Like all Langara courses, they must be completed during the semester in which students enrol. For further information on these courses or how to register for them, refer to the Registration Guide and Course Schedule on the College website.



Langara Course Information

COURSES AND SUBJECT CODE TABLE

Courses	Subject Code
Aboriginal Studies	ABST
Anthropology	ANTH
Applied Planning	APPL
Applied Science	APSC
Applied Social Sciences and Humanities	DASH
Art History	AHIS
Asian Studies	ASIA
Astronomy	ASTR
Bioinformatics	BINF
Biology	BIOL
Business Computer Applications	BCAP
Business Management	BUSM
Canadian Studies	CNST
Chemistry	CHEM
Chinese	CHIN
Classical Studies	CLST
Communications	CMNS
Computer Science	CPSC
Computing Sci. & Info. Systems	CSIS
Cooperative Education	COOP
Creativity for Everyone	CREV
Criminal Justice	CJUS
Criminology	CRIM
Data Analytics	DANA
Design Formation	DSGN
Digital Media and Design	DGMD
Early Childhood Education	ECED
Economics	ECON

Courses	Subject Code
Education Assistant	EDAS
English	ENGL
Environmental Studies	ENVS
Experiential Learning	EXPE
Family Studies	FMST
Field Studies - Canadian	FSCA
Field Studies - International	FSIE
Film Arts	FLMA
Financial Management	FMGT
Fine Arts	FINA
Food Services	FSRV
French	FREN
Geography	GEOG
Geology	GEOL
Gerontology	GERO
Health Sciences	HSCI
History	HIST
International Business	INTB
Japanese	JAPN
Journalism	JOUR
Kinesiology	KINS
Latin	LATN
Latin American Studies	LAMS
Library	LIBR
Marketing	MARK
Mathematics	MATH
Nursing	NURS

Langara Course Information

COURSES AND SUBJECT CODE TABLE CONTINUED

Courses	Subject Code
Nutrition	NUTR
Peace and Conflict Studies	PCCN
Philosophy	PHIL
Physical Education	PHED
Physics	PHYS
Political Science	POLI
Professional Photography	PHOT
Psychology	PSYC
Publishing	PUBL
Recreation	RECR
Religious Studies	RELS
Science	SCIE
Social Service Worker	SSRV
Sociology	SOCI
Spanish	SPAN
Statistics	STAT
Theatre Arts	THEA
Web and Mobile App Design and Development	WMDD
Women's Studies	WMST
Work Integrated Learning Experience	WILX

Langara College Courses

Aboriginal Studies (ABST)

ABST 1100 (3 CREDITS) (3:0:0)
Canadian Aboriginal Experience
This introductory course examines the experience of the Aboriginal peoples of Canada from pre-contact to present. This course focuses on the relationship between Aboriginal people and the migrants to Canada with an emphasis on British Columbia.

ABST 1102 (3 CREDITS) (3:0:0)
Aboriginal Culture, Identity, and Community
This course provides students with an introduction to Indigenous worldviews, philosophies, and identities. The cultural, historical, societal, spiritual, and psychological dimensions of pre-contact societies will be explored thus providing a framework for understanding traditional strengths of Indigenous communities, families, and individuals. Students will develop conceptual and personal frameworks to better understand the relationship of Indigenous identity to cultural, social, spiritual, and personal values.

ABST 1104 (3 CREDITS) (4:0:0)
Canadian Aboriginal Policy
An introduction to British and Canadian Indian Policy from contact to the present. This course examines the legislation and policy governing the Aboriginal peoples of Canada and British Columbia. Emphasis will be on a critical examination of the various Indian Acts.

Students will receive credit for only one of ABST 1101, 1104, or 2209.

ABST 1105 (0 CREDITS) (2:0:0)
Aboriginal Studies Seminar I
This bi-weekly seminar will provide a supportive atmosphere for all program students and faculty. The discourse will include all related program issues and will regularly include Elders and guest speakers.

ABST 1106 (0 CREDITS) (2:0:0)
Aboriginal Studies Seminar II
This bi-weekly seminar will provide a supportive atmosphere for all program students and faculty. The discourse will include all related program issues and will regularly include Elders and guest speakers.

ABST 1107 (0 CREDITS) (2:0:0)
Aboriginal Studies Seminar III
This bi-weekly seminar will provide a supportive atmosphere for all program students and faculty. The discourse will include all related program issues and will regularly include Elders and guest speakers.

ABST 1108 (0 CREDITS) (2:0:0)
Aboriginal Studies Seminar IV
This bi-weekly seminar will provide a supportive atmosphere for all program students and faculty. The discourse will include all related program issues and will regularly include Elders and guest speakers.

ABST 1115 (3 CREDITS) (4:0:0)
Aboriginal Contemporary Issues
This course examines the contemporary issues facing Aboriginal people. A variety of current issues will be examined along with their historical origins.

ABST 1116 (3 CREDITS) (4:0:0)
Aboriginal Women in Canada
This course explores Aboriginal women in Canada from both historic and contemporary perspectives. A holistic and interactive approach will be used.

ABST 1150 (3 CREDITS) (3:0:0)
Global Indigenous Perspectives
This course surveys Aboriginal people from around the world: their different perspectives and different histories. Particular attention will be paid to the recognition of Aboriginal rights and the struggle for self-determination. Applicable international law and the international bodies will also be examined.

ABST 1200 (3 CREDITS) (4:0:0)
Criminal Justice and Aboriginal People
This course surveys the history of the application of criminal law with respect to Aboriginal people. This course examines the impact of the Criminal Code and the Criminal Justice System on Aboriginal life in Canada while focusing on contemporary conditions and the potential for reform.

ABST 2120 (3 CREDITS) (3:0:1)
Canadian Aboriginal Law
This course examines relations between Aboriginal people and the Canadian government including treaties, modern treaty-making, political negotiations, legislation, and the recognition of Aboriginal rights under the Canadian constitution. The role of Aboriginal law and traditions will be included as well as contemporary changes, reforms, and the potential these have for Aboriginal self-government.

Prerequisite(s): A minimum "C-" grade in ABST 1104.

ABST 2230 (3 CREDITS) (3:0:0)
Aboriginal Community Development
This course focuses on Aboriginal community development and the needs of Aboriginal communities now and in the future. Strategies for success will be examined as Aboriginal communities move toward self-reliance. Case studies will be used to explore course concepts.

ABST 2240 (3 CREDITS) (3:0:0)
Urban Aboriginal Strategies
Since 1951 there has been a rapid growth in the number of First Nations Canadians living in the city. Despite this there has been little academic attention given to the systemic study of Canadian Aboriginal peoples living in urban centres. This course introduces students to the problems and prospects faced by Canadian First Nations people in urban environments. Topics include migration, housing, employment, and a critical examination of government policy regarding acculturation and assimilation.

Anthropology (ANTH)

ANTH 1120 (3 CREDITS) (3:1:0)
Introduction to Cultural Anthropology
An introduction to the study of human cultures. Topics include methods, some theory, and a consideration of how people obtain their living (subsistence, economy), how they live together (social structure, marriage, law etc.), and their beliefs and practices (religion, arts, rituals etc.)

ANTH 1131 (3 CREDITS) (3:1:0)
Introduction to Physical Anthropology and Human Origins
A survey of the physical and behavioural evolution of humans from the time of the earliest primates to the present; a discussion of fossil material, interpretations and theories, as well as some genetics and primatology.

ANTH 1132 (3 CREDITS) (3:1:0)
Introduction to Archaeology
An introduction to the study of human prehistory; an examination of the evidence for human cultural evolution; and a consideration of the various motives, methods and techniques that have been involved in reconstructing past cultures.

ANTH 1160 (3 CREDITS) (3:1:0)
Regional Studies in Anthropology: Latin America
An introduction to and overview of cultural development and diversity in Latin America from pre-conquest times to the present. The student will be given a broad theoretical perspective to selected topics of anthropological interest. This is a survey course and is intended to give a comprehensive background and a base for future studies.

ANTH 1170 (3 CREDITS) (3:1:0)
An Introduction to Myth and Folklore
A survey of the area of mythology, folklore, and legend. Topics include types of myths, their functions in culture, theoretical approaches to their study, and a discussion of modern mythology. The student will be given a broad perspective of an important part of world view.

ANTH 1180 (3 CREDITS) (3:1:0)
Colonialism and Reconciliation in BC
Students will explore the legacy of colonialism in British Columbia, and how it shapes the ongoing relationships between Indigenous peoples and settler society. Students will examine historical and contemporary examples to learn about the impact of colonialism, and the potential for meaningful reconciliation, through an anthropological lens.

ANTH 1195 (3 CREDITS) (4:0:0)
Special Topics
This number is reserved for anthropology courses that may be offered from time to time by: a) anthropology faculty who may wish to present a course in their speciality; or b) visiting anthropology lecturers. Announcements regarding this course offering and its prerequisites, if any, will be announced in the Registration Guide and Course Schedule.

ANTH 1221 (6 CREDITS) (0:0:40)
Field Techniques in Archaeology
A course in practical archaeological method and theory involving field work. Course objectives include the recovery and interpretation of archaeological data as well as the acquisition of skills such as photography, mapping, computer applications, and preparation of reports. Fieldwork for six to eight weeks and classroom/lab for seven weeks.

Prerequisite(s): Permission of the instructor.

ANTH 1222 (3 CREDITS) (1:0:3)
Methods in Archaeology: Laboratory Analysis
A course in practical archaeological laboratory analysis techniques. Analysis of cultural materials obtained from current and past Archaeology Field Schools forms the basis of this course. Analytical techniques include artifact conservation, typology and function. Ancillary techniques include analysis and interpretation of sediments, landforms, floral remains, faunal remains, and radiometric sample preparation, among others.

Prerequisite(s): Permission of the instructor.

ANTH 1223 (3 CREDITS) (1:0:3)
Methods in Archaeology: Geospatial Analysis
A course which introduces students to the field of spatial analysis. Students will participate in lectures, labs, and data collection. Starting with pace and compass mapping, students will then be introduced to Global Positioning Systems (GPS), Geographic Information Systems (GIS), operation of a Total Base System, and associated computer applications.

Corequisite(s): ANTH 1221 and 1222.

ANTH 1224 (3 CREDITS) (3:1:0)
Archaeology and Living Traditions
This course will investigate how the study of contemporary cultures can contribute to our understanding of the behavioural relationships that underlie the production and patterning of material culture in archaeological sites.

ANTH 1225 (3 CREDITS) (4:0:0)
Hands on with the Past: An Introduction to Experimental Archaeology
Interested in the process of making and testing our knowledge of the past? Come explore how archaeological information is produced. Students focus on understanding how belongings become interpreted as artifacts as we learn different cross-cultural and historic technologies of production and design. By transforming raw materials into objects students get to experience first-hand the challenges and constraints of experimental archaeology, and how this contributes to the archaeological record and study of material objects.

ANTH 1295 (3 CREDITS) (4:0:0)
Special Topics
This number is reserved for anthropology courses that may be offered from time to time by: a) anthropology faculty who may wish to present a course in their speciality; or b) visiting anthropology lecturers. Announcements regarding this course offering and prerequisites, if any, will be announced in the Registration Guide and Course Schedule.

ANTH 1400 (3 CREDITS) (3:0:1)

Forensic Anthropology

Forensic Anthropology deals with human remains resulting from unexplained deaths, including skeletal and fossil remains from the archaeological and palaeontological records. This course focuses primarily on the recovery and analysis of skeletal human remains, explaining methodologies by which they can provide data for the medico-legal system (the courts). Foci of the course emphasize field recovery and laboratory analysis.

ANTH 1410 (3 CREDITS) (4:0:0)

Human Rights and Human Bodies

The forensic anthropologists who can read the stories that human skeletons tell us are often called to testify when human rights are violated. In this course, students examine how forensic anthropology is used as a tool and its application following atrocity and other human rights concerns. Each week focuses on a different aspect of forensic anthropology and how it has been used in various global case studies. Students discuss and explore how forensic anthropology can be used to advocate for the living and dead, how and when its 'expertise' is used, who decides the purpose of forensic investigations, and what ethical practice looks like.

ANTH 1500 (3 CREDITS) (3:1:0)

Introduction to Medical Anthropology

Medical anthropology takes a cross-cultural and evolutionary perspective on illness and health. Its central focus is the body and our experience of our social selves through the physical. The course discusses the universal human experience of the world through the body, yet approaches the subject through specific research in biological anthropology, sociology, cultural anthropology, and psychiatry that is directly related to the cultural experience of illness and wellness at particular life stages. This course is broadening to all students, but it is especially helpful to health professionals in a multi-cultural society.

ANTH 2210 (3 CREDITS) (4:0:0)

Archaeology of the Americas

Stretching from the Arctic Ocean to the waters around Antarctica, crossing mountains, lakes, deserts, and jungles, the Americas are a diverse place with a rich past. Archaeologists have been captivated with when and how people began settling in this region of the world for as long as there has been archaeology, and have documented a wide range of societies across North, Central, and South America. Students in this course have the opportunity to explore the remnants of this amazing cultural heritage and examine how the past has, and continues to, affect the lives of people living throughout this region.

ANTH 2220 (3 CREDITS) (4:0:0)

Museum Collections and Heritage

Museums are fascinating places full of objects that people can wonder about and marvel at. They care for material from cultures all over the world and seek to educate visitors about them. Students have the opportunity to travel to local and international museums in this course, both in-person and virtually, and learn about how they collect, organize, and exhibit cultural objects. Hands-on engagement is central to the course and throughout the semester students experience how to handle, catalogue, and store museum collections. Note: Students will be responsible for any applicable entry fees to museums visited within the scope of this course.

Students will receive credit for only one of the Spring Semester 2020 or Fall Semester 2020 offering of ANTH 1195; or ANTH 2220.

ANTH 2234 (3 CREDITS) (3:1:0)

Ancient Civilization: Origins, Development, and Collapse

The origins and development of urban cultures and attendant states and empires represents one of the most important institutions of the modern global community. Between 10-15,000 years ago some populations began to aggregate in year-round villages based upon horticulture and/or agriculture. This led to the development of the earliest urban centres. Today, the majority of the global population lives in cities thanks to agricultural-industrial economies. This course investigates the process of cultural developments arising from settled lifestyles, food production systems, and the development of complex socio-political institutions, including models of cultural collapse. A regional focus is followed using examples from the Near East, Easter Island, and the Andean region of South America.

ANTH 2250 (3 CREDITS) (3:1:0)

Anthropology of Religion

This course offers students a comparative, cross-cultural investigation of religious beliefs, teachings, practices, and movements; and several theoretical approaches to explore the relationships between religion, culture, and the individual.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or RELS 1110.

ANTH 2260 (3 CREDITS) (3:1:0)

Gender in Cross-Cultural Perspectives

This course will provide a cross-cultural survey of the nature and diversity of gender relations and their sociocultural expression. Explanations and theories of gender inequality drawn from anthropological research will be considered, as will selected areas of topical interest.

Prerequisite(s): A minimum "C" grade in one of ANTH 1120, SOCI 1120, or 1121; or permission of the instructor.

ANTH 2270 (3 CREDITS) (3:1:0)

Cuisines and Culture: The Social Life of Food

Food is universally important - whether for basic sustenance and personal well-being, as a basis for defining identities, symbolizing beliefs, as a political tool or as a consequence of modern agriculture and technology. This survey course will provide an anthropological perspective and analysis of a variety of selected topics from traditional foodways to contemporary issues.

Applied Planning (APPL)

APPL 4110 (2 CREDITS) (35:0:0)

Introduction to Planning

This course will provide an introduction to the origins, purpose and modern practice of planning in Canada, British Columbia and, more specifically, the Metro Vancouver Region. It will examine the impact of planning on the development of cities and towns.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

APPL 5110 (3 CREDITS) (2:0:2)

Planning Applications in GIS

This is an introductory course in Geographic Information Systems (GIS) intended to allow students to become familiar with the common and appropriate software, for example GIS and ArcView.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Corequisite(s): APPL 4110.

APPL 5120 (3 CREDITS) (3:1:0)

Planning Theory, Practice, & Ethics

This course will consider the underlying principles and planning theories which influence contemporary planning practice. This will include a review of current theories of community development, sustainability as well as urban and rural planning. The implementation of these theories will be explored through case studies. Students will be encouraged to identify how planning theory influences practice. This course also examines planning practice and ethics through studying the Planning Institute of BC and Canadian Institute of Planner Code of Ethics. Through role play and class discussion, situations will be considered which may create ethical dilemmas for planners. Methods for exploring ethics as well as appropriate action to take in a professional context will be discussed. Planning practice will be explored with a particular focus on research skills and the design and implementation of qualitative research projects as well as community engagement strategies. This will include discussion of inter cultural planning and use of social media and other internet based tools to engage communities.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Corequisite(s): APPL 4110.

APPL 5130 (3 CREDITS) (2:0:2)

Introduction to Planning Methods

This course introduces students to the basics of policy analysis and planning, including data collection, analysis of information for undertaking a range of planning tasks, and general aspects of problem solving. In these courses students develop and explore how these concepts and methods can contribute to more complex planning applications and technical studies.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Corequisite(s): APPL 4110.

APPL 5140 (3 CREDITS) (3:1:0)

Planning Process & Law

While persuasion can achieve significant results, community planning requires regulatory powers to be effective. Communities receive their authority to regulate planning through Provincial legislation, and in some cases planning decisions are also guided by applicable Federal laws. That authority is both limited and prescriptive. This course introduces students to the enabling legislation that both authorizes and limits planning practice in BC. This includes the legal requirements for plan adoption and the development approval process. The course will focus on those aspects of the planning process and law considered most relevant to planners and planning technicians practicing in BC.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Corequisite(s): APPL 4110.

APPL 5195 (1 CREDIT) (8:9:0)

Special Topics I

This course will be offered in the fall semester. The topic will be different each year and will be selected based on current "hot topics" in planning. The courses will be open to Langara students and to professional planners as part of their Continuing Professional Development.

Priority registration in this course is offered to students admitted to the Post-Degree Diploma in Applied Planning.

APPL 5210 (3 CREDITS) (2:0:2)

Land Development

This course introduces students to the land development, design, feasibility, and approval process through the preparation of a single detached residential subdivision project using Computer Aided Design software (AutoCAD).

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Prerequisite(s): A minimum "C" grade in one of the following: APPL 5110, 5120, 5130, or 5140.

APPL 5220 (3 CREDITS) (3:1:0)

Urban & Rural Planning

This course focuses on building skills that planners need in urban and rural contexts. Using case studies, this course focuses on urban planning functions, including neighbourhood design, subdivision, zoning, and planning policy development. It will also focus on planning issues unique to rural areas. Finally, consideration will be given to how planning skills are applied to the differing contexts of urban and rural communities.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Prerequisite(s): A minimum "C" grade in one of the following: APPL 5110, 5120, 5130, or 5140.

APPL 5230 (3 CREDITS) (3:1:0)

Social Planning and Community Development

Social planning is about change in our communities and how we manage it effectively. Social planning takes into consideration the impact of planning and development on people. Community development is a process where community members come together to take collective action and generate solutions to common problems. This course will explore how planners can participate in and facilitate community development. It will also explore planning with First Nations.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Prerequisite(s): A minimum "C" grade in one of the following: APPL 5110, 5120, 5130, or 5140.

APPL 5240 (3 CREDITS) (3:1:0)

Environmental Planning

This course will introduce students to basic theory and concepts regarding planning with consideration for the natural environment. Students will explore a range of environmental planning issues, work on problems modeled on real-life situations, and learn techniques that planners use to identify and address potential environmental impacts of land use and development. The course will focus on human-environment interactions in urban and rural areas, but will also cover broader environmental planning applications.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Prerequisite(s): A minimum "C" grade in one of the following: APPL 5110, 5120, 5130, or 5140.

APPL 5295 (1 CREDIT) (8:9:0)

Special Topics II

This course will be offered in the fall semesters. The topic will be different each year and will be selected based on current "hot topics" in planning. The courses will be open to Langara students and to professional planners as part of their Continuing Professional Development.

Priority registration in this course is offered to students admitted to the Post-Degree Diploma in Applied Planning.

APPL 5310 (3 CREDITS) (2:0:2)

Advanced Planning Methods

This intensive course follows on from Introduction to Planning Methods (APPL 5130). The course explores some of the specialised methods planners use for local, metropolitan, and regional planning, to turn information into forecasts, goals, strategies, and plans for long range planning.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Prerequisite(s): A minimum "C" grade in all of the following: APPL 5110 and 5130; and two of the following: APPL 5210, 5220, 5230, or 5240.

APPL 5320 (3 CREDITS) (2:0:2)

3D Computer Applications in Planning

This course introduces the underlying principles and methods of 3D modelling within ArcGIS 3D Analyst. It provides grounding in the 3D tools offered and considers real world applications through a series of examples and exercises.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Prerequisite(s): A minimum "C" grade in all of the following: APPL 5110 and 5130; and two of the following: APPL 5210, 5220, 5230, or 5240.

APPL 5330 (3 CREDITS) (3:1:0)

Planning Studio: Sustainability

In this course, students prepare a community land-use plan for a neighbourhood. In doing so, students will be drawing on the wide range of skills they have developed during the program to prepare a detailed area plan for a local municipal setting. Both the project and classes explore important policy and development issues for planning sustainable communities. You will draw on the wide range of the planning skills and knowledge you have acquired in earlier courses in the program.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Prerequisite(s): A minimum "C" grade in all of the following: APPL 5110, 5120, 5130, 5140, 5210, 5220, 5230, and 5240.

APPL 5340 (5 CREDITS) (0:4:0)

Major Project

This course involves undertaking a major independent research paper which showcases the skills acquired throughout the program. The work will include research, in-depth analysis, and clear, well thought out conclusions. Students will have the opportunity to pursue a topic of interest in depth with the individual guidance of a faculty advisor.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Prerequisite(s): A minimum "C" grade in all of the following: APPL 5110, 5120, 5130, 5140, 5210, 5220, 5230, and 5240.

APPL 5395 (1 CREDIT) (8:9:0)

Special Topics III

This course will be offered in the spring semester. The topic will be different each year and will be selected based on current "hot topics" in planning. The courses will be open to Langara students and to professional planners as part of their Continuing Professional Development.

Priority registration in this course is offered to students admitted to the Post-Degree Diploma in Applied Planning.

APPL 5495 (1 CREDIT) (8:9:0)

Special Topics IV

This course will be offered in the spring semester. The topic will be different each year and will be selected based on current "hot topics" in planning. The courses will be open to Langara students and to professional planners as part of their Continuing Professional Development

Priority registration in this course is offered to students admitted to the Post-Degree Diploma in Applied Planning.

APPL 5595 (1 CREDIT) (8:0:0)

Special Topics V

The topic will be different each year and will be selected based on current "hot topics" in planning. The course will be open to Langara students and to professional planners as part of their Continuing Professional Development.

Priority registration in this course is offered to students admitted to the Post-Degree Diploma in Applied Planning.

Applied Science (APSC)

APSC 1000 (0 CREDITS) (0:5:0)

Introduction to Engineering I

A seminar course for all students in the engineering transfer program.

Registration in this course is restricted to students admitted to the engineering transfer program.

APSC 1010 (3 CREDITS) (4:0:0)

Engineering and Technology in Society

An introductory overview of engineering, with a review of the history of engineering and technology, an introduction to case study and to design principles, and discussion of ethics as it relates to the practice and study of engineering in Canada.

Priority registration in this course is offered to students admitted to the Diploma in Applied Science for Engineering.

Corequisite(s): APSC 1050.

APSC 1050 (3 CREDITS) (4:0:0)

Process, Form, and Convention in Professional Genres

Examines fundamentals of informative and persuasive communication in the engineering field, in order to assist in critical thinking about various contemporary technical, social, and ethical issues. The focus is on library research, communicating technical information clearly and concisely, managing issues of persuasion when communicating with diverse audiences, presentation skills, and teamwork.

Priority registration in this course is offered to students admitted to the Diploma in Applied Science for Engineering.

Corequisite(s): APSC 1010.

APSC 1100 (0 CREDITS) (0:0.5:0)

Introduction to Engineering II

A seminar course for all students in the engineering transfer program.

Registration in this course is restricted to students admitted to the engineering transfer program.

Applied Social Sciences and Humanities (DASH)

DASH 1199 (3 CREDITS) (4:0:0)

Directions in Applied Social Sciences and Humanities

Students are introduced to core concepts and principles that are foundations in applied social sciences and humanities. Emphasis is placed on the interdisciplinary nature of social knowledge through overviews of key disciplines, such as psychology, sociology, political science, geography, philosophy, economics, and business. Students learn through collaborative and teamwork activities and begin to develop an e-portfolio.

Priority registration in this course is offered to students admitted to the Diploma in Applied Social Sciences and Humanities.

DASH 2000 (1 CREDIT) (0:1:0)

E-Portfolio

Students design an e-portfolio documenting the achievements, knowledge, and skills acquired throughout the program. The aim of the e-portfolio is to showcase students' work tailored to their career goals and professional identity. Consultation with the instructor to review the status of the portfolio will be scheduled two-three times over the semester. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Applied Social Sciences and Humanities.

Prerequisite(s): A minimum "C-" grade in DASH 1199.

DASH 2199 (3 CREDITS) (0:7:0)

Applied Project

This project-oriented capstone course provides the opportunity to apply the concepts, skills, and techniques from the DASSH program curriculum to develop and execute a project for an external partner. Students work closely with each other and their external partner(s) engaging in research, critical thinking, problem solving, project management, structured teamwork, and other related skills.

Successful completion of the DASSH e-portfolio is also a component of this course.

Registration in this course is restricted to students admitted to the Diploma in Applied Social Sciences and Humanities.

Prerequisite(s): Successful completion of at least 46 credits including a minimum "C-" grade in DASH 1199; a minimum "S" grade in DASH 2000; and a minimum "C" grade in ENGL 1123, 1127, or 1128.

Art History (AHIS)

AHIS 1110 (6 CREDITS) (9:0:0)

European Art in Context

An external studies program designed to allow students to study European painting, sculpture, and architecture in context throughout various locations. Students will be encouraged to evaluate artworks where site or location of the piece becomes important to establish the historical impact on the creative process itself. Specific artists and styles of art will be examined on location in both private and public museums, galleries, and cultural centres where significant impact on art in history has occurred. Students will be required to complete regular assignments and specified assessments in the field to successfully complete the course. This course requires at least eight weeks in the field and two to three weeks of on-campus instruction, lectures, and orientation.

Prerequisite(s): Admission to the European External Studies Program and permission of the instructor.

AHIS 1111 (3 CREDITS) (3:1:0)

Worldviews: A Global Approach to Art

This course offers students a global perspective on the origin and purpose of art as a shared visual medium used to express ideas about our human experience and the world around us. With a focus on the arts of Asia and the Americas, issues essential to an understanding of global history such as power, influence and authority, race and gender identity, and colonial impact will be considered.

AHIS 1112 (3 CREDITS) (3:1:0)

Visual Culture I

Visual culture is examined from a global and thematic perspective in order for students to gain a better understanding of how art communicates ideas, values, and beliefs. Students will develop visual and conceptual skills essential for analyzing and critically interpreting a wide range of visual imagery.

AHIS 1113 (3 CREDITS) (3:1:0)

Nineteenth Century Art History

This course is a chronological survey of the visual art and architecture of Europe and North America in the 19th century. The course familiarizes students with academic, salon, and avant-garde art with an emphasis on the dominance of French art. Issues of gender, class, and race are addressed in relation to the historical context and development of stylistic categories such as Neo-Classicism, Romanticism, Realism, Impressionism, and Art Nouveau.

AHIS 1114 (3 CREDITS) (3:1:0)

Western Art: Prehistory to the Renaissance

This course is a chronological survey of western painting, sculpture, and architecture from Prehistory to the Renaissance. Art works will be studied in the context of the political, economic, and social developments of each period.

AHIS 1115 (3 CREDITS) (3:1:0)

Asian Art I: Prehistoric to Early Modern

This course is an introductory, chronological survey of the ceramics, sculpture, architecture, and painting of India, China, Korea, Japan, Indonesia, Central Asia, Tibet, and Southeast Asia. The art will be studied in relation to the political, social, and cultural contexts from prehistoric times to the origins and spread of Buddhist and Hindu art styles and secular imagery.

AHIS 1118 (3 CREDITS) (3:1:0)

Art of Renaissance Italy

This course is a study of the art and architecture of Renaissance Italy from the late 13th century through to the 16th century.

AHIS 1119 (3 CREDITS) (4:0:0)

Oh Canada!: Art, Identity, and Cultural Politics

What is Canada and how is Canadian art defined? This and other debates will be examined in a chronological survey or Canadian art from the 18th century to the present. This course will engage students with Canadian art in relation to issues of nationalism, colonialism, race, gender, and cultural identity.

AHIS 1120 (3 CREDITS) (3:1:0)

Introduction to Museum and Curatorial Studies

Galleries and museums are complex social and cultural institutions that collect, display, and interpret objects for and with diverse audiences. In this course students explore the history, theory, and practice of curating in art, history, anthropology, and interdisciplinary galleries and museums. Students focus on the history of museum practices and the influences of multiple perspectives in facilitating learning experiences within museums and communities. Students also engage in hands-on curatorial projects. Classes are complemented by field trips to museums, galleries, and heritage sites.

AHIS 1195 (3 CREDITS) (3:1:0)

Special Topics I

These numbers are reserved for art history courses that may be offered from time to time by: a) art history faculty who may wish to present a course in their speciality; or b) visiting art history lecturers.

Announcements regarding AHIS 1195 offerings will be made in the Registration Guide and Course Schedule.

AHIS 1210 (3 CREDITS) (4:0:0)

Monumental Artworks in Context

This course examines various artworks and critically evaluates primary relationships to areas of concern such as location, artistic impact, stylization, mythology, historic ideology, and finally the importance of the artistic achievements themselves. Specific monuments will be established by the instructor based on the location of the external studies program. Students will be encouraged to look at specific artworks critically and evaluate the historical contributions made by each monument of work chosen. Artworks will be discussed as historically significant and therefore, each student will be asked to assess the importance of these works as they contribute to our understanding of art in history. Students will be required to complete regular assignments and specified assessments in the field to successfully complete the course. This course requires at least 48 hours of instruction, inclusive of on-campus lectures, orientation, and field work.

This course may be run concurrently with AHIS 1110 (six credits) or individually, as a special topics Art History External Studies course in a specified location.

Prerequisite(s): Admission to the European External Studies Program; and permission of the instructor.

AHIS 1212 (3 CREDITS) (3:1:0)
Visual Culture II
This course examines themes encountered in visual culture with an emphasis on issues of power, politics, race, social class, and the body. The relationship between visual imagery and the social context in which it is created will be examined in order to foster critical interpretation.

AHIS 1214 (3 CREDITS) (3:1:0)
Western Art: Renaissance to the Present
This course familiarizes students with the chronological approach to the history of art from the Renaissance through Baroque, Rococo, and 19th century to the modern and postmodern periods. Art works will be examined in relation to relevant political, economic, and social factors of each historical period.

AHIS 1215 (3 CREDITS) (3:1:0)
Asian Art II: 1800 to the Present
This course is a chronological survey of the ceramics, sculpture, architecture, and painting of China, Korea, and Japan. Art works will be studied within the historical context of each period and related political, social, and cultural factors will be considered. Both secular and Buddhist art will be examined in relation to influences, theory, and appropriate issues as relevant.

AHIS 1216 (3 CREDITS) (3:0:0)
Gender, Art, and Society
This course will explore feminist issues in western art from both historical and thematic perspectives. Critical consideration will be given to the representation of women in art, women's absence from art history, issues of gender identity, social class, race, and the changing role of women in contemporary art.

AHIS 1217 (3 CREDITS) (3:0:0)
From Plop Art to Graffiti: Issues in Public Art
This course will explore the history and complex issues surrounding one of the most controversial forms of art in our culture - art in public places. Beginning with an overview of the historical significance of public art, we will focus primarily on the diversity of movements as they emerge within the context of dramatic social change in the 20th century up to the present. Tradition, corporate agendas and politics clash with the avant-garde, vandalism, and activism on the streets of our cities. Public art acts as a barometer of and catalyst to shifts in society. We will examine art in the urban landscape that is at the centre of many debates, including the ownership and function of public space, censorship, homelessness, environmental crisis, and public health and safety.

AHIS 1218 (3 CREDITS) (3:0:0)
Art in the Age of Encounter
The final years of the 15th century heralded a new imagining of the world. Direct contact between Europe, Asia, and the Americas ushered in a period of commercial, cultural, and technological exchange. But its result was far greater than the mere exchange of commodities and currencies. The encounters between Asia, America, and Europe signaled not only the beginnings of a global market but also a global consciousness that transformed the everyday experiences of millions of people. This course will focus on images that represent the conflict and convergence of cultures in the fervor for scientific and geographical knowledge that coexisted with the expansion of eastern and western empires from 1492 into the early 19th century.

While the course will generally follow a historic chronology, the material content will be thematic including such topics as the impact of intoxicants and stimulants such as opium, tobacco, tea, coffee, and cacao on local economies and foreign sociability; the devastation of populations in Europe and the Americas as a result of the transfer of disease; European bourgeois clothing and its tie to the fur trade in Canada; origin myths; and maps as evidence of claim to contested territories, to name but a few.

AHIS 1219 (3 CREDITS) (3:0:0)
Through the Lens: A Critical History of Photography
Students will examine the history of photography from its beginnings in the 19th century to the present day. Students will explore through lecture and lab the aesthetic and technological developments of the medium from such early processes as the daguerreotype to contemporary digital approaches. Students will become familiar with historic and contemporary movements as well as analyzing critical issues around the development of the medium. Issues to examine will include the role of photography in the development of mass culture, the relationship of the medium to other art forms, the role of gender, race, and class in photography as well as debates around censorship, pornography, copyrights, and art vs. craft. Students registered in this course may also be interested in registering in PHOT 1150: History of Photography Lab.

Priority registration in this course is offered to students admitted to the Diploma in Professional Photography.

AHIS 1295 (3 CREDITS) (3:1:0)
Special Topics II
These numbers are reserved for art history courses that may be offered from time to time by: a) art history faculty who may wish to present a course in their speciality; or b) visiting art history lecturers.

Announcements regarding AHIS 1295 offerings will be made in the Registration Guide and Course Schedule.

AHIS 1301 (3 CREDITS) (4:0:0)
Modern Art
This course is a chronological survey of modern art and modernism and its development in the first half of the 20th century. The major art movements, artworks, and theories will be considered within their historical context.

AHIS 1302 (3 CREDITS) (4:0:0)
Contemporary Art
This course is a chronological survey of modernism in its later stages and international contemporary art to the present. The important issues, theories, and variety of forms visual art has taken in recent decades will be considered.

AHIS 1315 (3 CREDITS) (3:0:1)

South Asian Art

From its pre-modern roots in the Indus Valley Civilization to the contemporary works of Subodh Gupta, students in this course survey the development of South Asian visual and material culture. The remarkable artistic creations that emerge from the present-day nations of India, Pakistan, Bangladesh, Nepal, Bhutan, and Sri Lanka attest to the connections and continuities between these distinct modern states. By making connections, students learn of the importance of exchange and interaction between religions, cultures, and various groups, such as Buddhists, Hindus, Jains, Muslims, Sikhs, and Christians, on the one hand, and Indians, Persians, Europeans, Central Asians, and Southeast Asians, on the other. Students further connect South Asian art and material culture to the broader history of the subcontinent. In this class, learners tackle traditional art-historical concerns, such as visual/iconographic analysis, explore the role of the artist and systems of patronage, as well as stylistic development, significance of materials, and theories of aesthetics. Students also relate South Asian art to its broader social, political, economic, and other dynamic contexts.

AHIS 1316 (3 CREDITS) (3:0:1)

Art and Intersectionality

Intersectionality is a framework for understanding how aspects of a person's identity intertwine in relation to structures of power and privilege. These include aspects of intersectionality such as gender, race, class, sexuality, religion, physical and cognitive ability, and appearance, etc. In this course students study art and visual culture from the perspective of intersectionality, where images and objects become contested sites of power, privilege, and oppression. Through case studies, students explore how representations of various intersectionalities in art have traditionally expressed and reinforced cultural stereotypes in particular historical moments. Students also look at ways in which art has functioned to critique these stereotypes and challenge the status quo.

AHIS 1317 (3 CREDITS) (3:0:1)

Cultural Heritage in Crisis

In recent times, objects of cultural heritage have become contested sites where power struggles play out around political, racial, religious, class, sexual, and gender issues, etc. The destruction of cultural heritage has become a tool of war and cultural cleansing. It features in protests calling for social justice. It has also resulted from natural disasters and climate change. Theft of culturally significant objects has been used to profit from the oppressed, control marginalized peoples, and in some cases conduct genocide. This course makes explicit the ways in which cultural heritage can be a symbol and visual reinforcement of oppressive power and a tool of propaganda denouncing certain groups. Students explore how vandalism and destruction of objects or sites can contribute to cultural genocide. In this course, students look at cultural heritage in the context of how these power struggles operate by examining aspects of conflict, commemoration, social justice movements, cultural appropriation, vandalism, destruction, theft, and repatriation.

AHIS 2250 (3 CREDITS) (3:1:0)

Introduction to Critical and Cultural Theory

Formerly FINA 2250

Contemporary cultural theories have an effect and influence on visual arts and other media. Through lectures, image and video presentations, and seminar discussion of assigned topics, students learn that critical and cultural theory is central to the production and understanding of representation, whether visual or textual. Students engage in critical reading and articulating themselves in both verbal and written arguments.

Students will receive credit for only one of AHIS 2250 or FINA 2250.

Priority registration in this course is offered to students admitted to the Certificate in Art History and Diploma in Fine Arts.

Asian Studies (ASIA)

ASIA 1100 (3 CREDITS) (3:1:0)

Introduction to Traditional Asia

A study of the origins of Asian cultures, focusing on the great civilizations of India and China, how these centers interacted together, and why the resulting "Asian" culture spread to Korea, Japan, Central Asia, Tibet, and Southeast Asia.

ASIA 1101 (3 CREDITS) (3:1:0)

Introduction to Modern Asia

A survey of selected aspects of the emergence of modern Asia. An introduction to the basic conceptual tools needed to understand how, despite the political, economic, social, and cultural changes of recent centuries, the various peoples of Asia have maintained distinctive cultural identities.

ASIA 1120 (3 CREDITS) (3:1:0)

Religions of the East

An introduction to the study of the origins, ideas, practices, and evolution of Hinduism, Buddhism (including Zen), Daoism, Confucianism, and Shinto.

Students will receive credit for only one of ASIA 1120 or RELS 1120.

ASIA 1125 (3 CREDITS) (3:1:0)

Introduction to East Asia (China)

Geographical, cultural, and historical background of China. Ideological, social, and political aspects of China's development placed in historical context.

ASIA 1130 (3 CREDITS) (3:1:0)

Introduction to Southeast Asia

Geographical, cultural, and historical background of Southeast Asia. Ideological, social, and political aspects of the major countries of the region placed in historical context.

ASIA 1135 (3 CREDITS) (3:1:0)

Introduction to East Asia (Japan)

Geographical, cultural, and historical background of Japan. Ideological, social, and political aspects of Japan's development placed in historical context.

ASIA 1140 (3 CREDITS) (3:1:0)
Cross-Cultural Perspectives I
Comparative analysis of selected cultures and societies. Topics include language and communication, cultural diversity, family and kinship, myth and religion, power and authority, business and social practices, social and economic inequality, technological impact, and conflict and control.

ASIA 1155 (3 CREDITS) (3:1:0)
Introduction to East Asia - Korea
Korea has become an economic powerhouse and cultural superpower with K-pop, film, and drama dominating international markets. In this course, students study long term Korean history, starting from the early formation of Korean polities and civilization to modern times in early 20th century. The survey is interdisciplinary: students investigate the interconnections between institutions, society, economy, and culture, including religions, philosophy, and arts. Students examine Korean history in larger East Asian and global contexts, including Korea's historical and cultural relations with China and Japan. It connects the traditional Korean society with modern Korea.

ASIA 1195 (3 CREDITS) (3:1:0)
Special Topics I
This number is reserved for Asian studies courses that may be offered from time to time by: a) College Asian studies program faculty who may wish to present a course in their specialty; or b) visiting lecturers from Asian countries.

ASIA 1225 (3 CREDITS) (3:1:0)
Contemporary China
China's drive for modernization is explored with reference to the role of the Communist Party, the government, and the individual. A survey of domestic policy and international relations.

ASIA 1235 (3 CREDITS) (3:1:0)
Contemporary Japan
Japan's place in the world is explored with reference to the role of the government, society, and the individual. A survey of domestic policy and international relations.

ASIA 1240 (3 CREDITS) (3:1:0)
Cross-Cultural Perspectives II
Comparative analysis of selected cultures and societies. Topics include language and communication, cultural diversity, family and kinship, myth and religion, power and authority, business and social practices, social and economic inequality, technological impact, and conflict and control.

ASIA 1295 (3 CREDITS) (3:1:0)
Special Topics II
This number is reserved for Asian Studies courses that may be offered from time to time by: a) College Asian studies program faculty who may wish to present a course in their specialty; or b) visiting lecturers from Asian countries.

ASIA 2115 (3 CREDITS) (3:1:0)
Japanese Society and Culture
A survey of modern Japanese life with special attention given to social organization and cultural patterns and behaviour. Topics include family, education, gender and ethnic relations, class and other inequalities, and the influence of globalization.

Students will receive credit for only one of ASIA 1215 or 2115.

ASIA 2170 (3 CREDITS) (3:0:1)
China and the World in the 19th Century and Before
This course provides an interpretive account of the development of imperialism in China in the 19th century. The course will concentrate on the political, economic, and social impacts of imperialism on China and China's response to the western challenge.

Students will receive credit for only one of ASIA 1170 or 2170.

ASIA 2200 (3 CREDITS) (3:1:0)
Cultural Foundations of East Asia
A survey of selected beliefs, values, and assumptions that have shaped the civilizations of East Asia over the centuries. Identification of commonalities and differences among the peoples of East Asia in both traditional and contemporary environments.

ASIA 2209 (3 CREDITS) (3:1:0)
Cultural Foundations of Southeast Asia
A comparative survey of the different cultures found in the communities of Southeast Asia. Focus will be upon language and literature, arts, religion, society and polity, ideologies, and belief systems in the past and in modern times.

ASIA 2210 (3 CREDITS) (4:0:0)
Cinematic Depictions of Indian Society and Culture
Students study Indian history, society, religion, and culture through the medium of contemporary Indian film, produced both in India and abroad. By discussing films, students explore major topics such as colonialism, nationalism, gender, status, religion, immigration, and violence.

ASIA 2215 (3 CREDITS) (3:1:0)
Japan Through Popular Culture
This course seeks to develop an historical, theoretical and thematic understanding of contemporary Japanese popular culture and mass media. The topics will include media such as manga, anime, TV dramas, cinema, advertisements, consumption, traditional theatrical performances, popular literature, music, fashion, and magazines. The themes focus on the representation of gender, the importance of fan cultures, cultural/national identity and ethnicity, and the impact of globalization.

ASIA 2221 (6 CREDITS) (2:4:6)
Societal and Cultural Studies I
Supervised projects and studies conducted on an overseas immersion basis in selected countries or areas of the Asia Pacific region. Orientation sessions and evaluation are held at Langara both prior to and upon return from overseas.

ASIA 2222 (6 CREDITS) (2:4:6)
Societal and Cultural Studies II
Supervised projects and studies conducted on an overseas immersion basis in selected countries or areas of the Asia Pacific region. Orientation sessions and evaluation are held at Langara both prior to and upon return from overseas.

ASIA 2240 (3 CREDITS) (4:0:0)

Religions of India

In this course, students explore the major religions of India, including Buddhism, Hinduism, Islam, Jainism, Sikhism, as well as minority religions. They learn about both historical and contemporary aspects of Indian religious thought and practice.

ASIA 2250 (3 CREDITS) (3:1:0)

Buddhism

A survey of the history of Buddhism from its founding to modern times. Included are traditions of South, Southeast, and East Asia, as well as current issues such as Buddhism in the West, Buddhism and politics, and the Buddhist dialogue with Christianity. This course is equivalent to RELS 1210 Buddhism.

Students will receive credit for only one of ASIA 2250 or RELS 1210.

ASIA 2260 (3 CREDITS) (3:1:0)

Asian Mythology

A broad spectrum of the myths of South, Southeast, and East Asia are studied, both as texts which have their own history and as expressions of cultural institutions. The myths of minority groups in Asia are included.

ASIA 2270 (3 CREDITS) (3:1:0)

China and the World in the 20th Century and Beyond

This course provides a historical survey of China's political, economic, and cultural relations with the West (including the Soviet Union) in the 20th century. The focus of the course will be put on interpreting how these relations have contributed to the making of modern China.

Students will receive credit for only one of ASIA 1270 or 2270.

ASIA 2296 (3 CREDITS) (4:0:0)

Korean Society and Culture

The Korean Peninsula has long been a geopolitical and cultural crossroads and is of increasing significance. In this course, students explore the historical and cultural foundations of Korean society and how they shape contemporary life in both South and North Korea. Students examine political, economic, and social transformations such as democratization and globalization, alongside cultural phenomena including K-pop, Korean film, and television drama. Students consider both Korea's rise as a cultural superpower and its role in regional security.

Students will receive credit for only one of ASIA 2296 or ASIA 3396.

ASIA 3386 (3 CREDITS) (3:1:0)

Asian Century: Modern Korea

This interdisciplinary study of modern Korean society addresses the economic, social, and cultural transformation of modern and contemporary Korea. The focus of this course is continuity and change in Korean society and people. Students examine the transformation of Korea from a traditional Confucian state into an industrial nation; the rise of nationalism and modern ideologies in Korea; and the cultural, social, and economic changes Korea has undergone as it has entered the modern world. In particular, students study the two rival paths of modernization on the Korean peninsula - the capitalist in the South and the communist in the North. Students study the development of the South Korean "economic miracle", the factors shaping its political economy and its integration into the global economy.

Prerequisite(s): Completion of 15 credits of undergraduate courses.

Astronomy (ASTR)

ASTR 1101 (4 CREDITS) (4:0:2)

Introduction to the Solar System

Lectures and labs will introduce the night sky and the solar system including the motions of celestial bodies on the celestial sphere and the use of different coordinate systems; orbits of planets and moons; the concept of comparative planetology; recent discoveries in the solar system; and optics and telescopes. The course will include the use of fundamental equations of physics.

Students will receive credit for only one of ASTR 1101, 3310, or PHYS 1205.

Prerequisite(s): Physics 11; and Mathematics 12 or Precalculus 12.

ASTR 1102 (4 CREDITS) (4:0:2)

Introduction to Stars and Galaxies

Lectures and labs will introduce modern stellar and extragalactic astronomy including our place in the universe; the birth, life, and death of stars; Einstein's theory of relativity and black holes; star-quakes; cosmology; and the search for extraterrestrial life. The course will include the use of fundamental equations of physics.

Students will receive credit for only one of ASTR 1102 or 3311.

Prerequisite(s): Physics 11; and Mathematics 12 or Precalculus 12.

ASTR 3310 (4 CREDITS) (4:0:2)

Exploring the Universe I: The Night Sky and Solar System

Lectures and labs will introduce the night sky and the solar system including the motions of celestial bodies on the celestial sphere and the use of different coordinate systems; orbits of planets and moons; the concept of comparative planetology; recent discoveries in the solar system; and optics and telescopes. This is a conceptual and descriptive course based on labs and projects. The course will not include the use of advanced mathematics.

Students will receive credit for only one of ASTR 1101, 3310, or PHYS 1205.

Prerequisite(s): Any 15 university-transferable credits. This course is not intended for first-year students.

Note: This course is not intended for students transferring to UBC's Faculties of Science or Applied Science.

ASTR 3311 (4 CREDITS) (4:0:2)

Exploring the Universe II: Stars and Galaxies

Lectures and labs will introduce modern stellar and extragalactic astronomy including our place in the universe; the birth, life, and death of stars; Einstein's theory of relativity and black holes; star-quakes; cosmology; and the search for extraterrestrial life. The course will include the use of fundamental equations of physics. This is a conceptual and descriptive course based on labs and projects. The course will not include the use of advanced mathematics.

Students will receive credit for only one of ASTR 1102 or 3311.

Prerequisite(s): Any 15 university-transferable credits. This course is not intended for first-year students.

Note: This course is not intended for students transferring to UBC's Faculties of Science or Applied Science.

Bioinformatics (BINF)

BINF 1100 (0 CREDITS) (0:8:0)

Bioinformatics Industry Topics I

This seminar course on industry topics provides students with opportunities to explore current and emerging research, trends, practices, and issues in bioinformatics. Course content changes from semester to semester and is selected based on current "hot topics" in the field. Please contact the bioinformatics program coordinator for information about the next offering of this course.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

BINF 2100 (0 CREDITS) (0:8:0)

Bioinformatics Industry Topics II

This seminar course on industry topics provides students with opportunities to explore current and emerging research, trends, practices, and issues in bioinformatics. Course content changes from semester to semester and is selected based on current "hot topics" in the field. Please contact the bioinformatics program coordinator for information about the next offering of this course.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): An "S" grade in BINF 1100.

BINF 3005 (1 CREDIT) (6:0:6)

Data Preparation with Python & Bash

Heterogeneous data inputs from instruments, assays, and public repositories require skillful integration to create tidy, analysis-ready datasets. Students learn to use Python and the Linux shell to extract, transform, merge, and clean data, converting between domain formats and general formats such as CSV and JSON, with documented schemas and quality checks for downstream visualization and analytics. Working in a command-line environment, they build reproducible workflows with standard utilities and organize projects for traceability. Students also manage scheduling and data integrity in incremental updates (handling late-arriving records, duplicates, and versioned refreshes), load prepared datasets into visualization tools, and create simple web endpoints to share transformed datasets for defined analytical tasks.

Registration in this course is restricted to students admitted to the Data Visualization in Biological Sciences program.

BINF 3010 (1 CREDIT) (6:0:6)

Cloud Bio Pipelines

Building and operating scalable, cost-efficient pipelines is an essential skill for practitioners in modern bioinformatics. Students package workflows in containers and deploy them on managed cloud services with object storage and elastic compute. In a command-line environment, students accelerate input and output through columnar data layouts, partitioning, and predicate filtering; apply appropriate access controls and private networking; and automate builds, execution, and monitoring with logs and metrics. Working end to end on real datasets, they publish performance-tuned outputs ready for downstream analysis and visualization.

Registration in this course is restricted to students admitted to the Data Visualization in Biological Sciences program.

Prerequisite(s): An "S" grade in BINF 3005.

BINF 3015 (1 CREDIT) (6:0:6)

Biological Data Visualization

The efficient preparation of biological datasets for visualization is necessary to create clear static and interactive charts for scientific communication. Students develop competencies in chart selection, tidy data practices, appropriate use of color and scale, and accessible design. Learners construct heatmaps for high-dimensional data, network and interaction graphs, time-series and comparative plots, and assemble interactive dashboards with effective annotations and filters—building a reproducible, audience-appropriate visualization skill set for research and decision support.

BINF 3020 (1 CREDIT) (6:0:6)

Visualizing Omics

Visualization of complex omics datasets requires innovative, effective approaches informed by partners in the life sciences bioeconomy. Students learn to prepare sequence and annotation data, create advanced heatmaps, volcano and MA plots, and overlays of dimensionality-reduction methods such as principal component analysis and uniform manifold approximation and projection. They construct interaction and co-expression networks, apply community detection and layout principles, and produce clear, publication-ready figures and interactive artifacts. Emphasis is placed on reproducible workflows, color-safe design, rigorous labeling and captions, and alignment to real biological questions.

Registration in this course is restricted to students admitted to the Data Visualization in Biological Sciences program.

Prerequisite(s): An "S" grade in BINF 3015.

BINF 3100 (0 CREDITS) (0:8:0)

Bioinformatics Industry Topics III

This seminar course on industry topics provides students with opportunities to explore current and emerging research, trends, practices, and issues in bioinformatics. Course content changes from semester to semester and is selected based on current "hot topics" in the field. Please contact the bioinformatics program coordinator for information about the next offering of this course.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): An "S" grade in BINF 2100. Registration in this course is restricted to students admitted to the Data Visualization in Biological Sciences program.

Prerequisite(s): An "S" grade in BINF 3010.

BINF 4005 (1 CREDIT) (4:0:8)

Omics Workflow Essentials

Advancements in high-throughput sequencing technologies have rapidly transformed the life sciences, creating a growing demand for professionals skilled in analyzing and interpreting genomic and transcriptomic data. Students explore essential computational tools for bioinformatics and apply them to real-world data analysis. They use R and RStudio to analyze genomics data, manage collaborative coding through Git and GitHub, and run bioinformatics software with Bash, conda, and Docker. Students also connect to Linux-based, high-performance computing systems, gaining practical skills for omics research and data-driven discovery.

Registration in this course is restricted to students admitted to the Genomics and Transcriptomics Applications program.

BINF 4010 (1 CREDIT) (6:0:6)

Genomics Assembly Foundations

Advancements in high-throughput sequencing technologies create a growing demand for professionals skilled in analyzing and interpreting genomic data. Students learn the essential steps for genome assembly while respecting OCAP principles and Indigenous data sovereignty. They perform quality control (QC/QA) of sequencing data using tools such as Sequali, Filtlong, and Shortreads, assemble genomes, and assess completeness with QUAST and BUSCO. Students annotate assemblies, identify reference genomes, call variants, and apply OCAP guidelines throughout the workflow to ensure ethical handling of Indigenous genomic data.

Registration in this course is restricted to students admitted to the Genomics and Transcriptomics Applications program.

Prerequisite(s): An "S" grade in BINF 4005.

BINF 4015 (1 CREDIT) (6:0:6)

Genomic Data Integration

Advancements in high-throughput sequencing technologies have created a growing demand for professionals skilled in analyzing and interpreting genomic data. Students focus on advanced genomic data analysis and interpretation using R and Bioconductor. They import and visualize genomic data, summarize annotation information, identify variants in coding regions, and analyze their biological implications. Students explore functional genomics, pathway analysis, comparative genomics, and apply statistical methods for variant interpretation. They also generate clear, comprehensive reports to communicate findings effectively.

Registration in this course is restricted to students admitted to the Genomics and Transcriptomics Applications program.

Prerequisite(s): An "S" grade in BINF 4010.

BINF 4020 (1 CREDIT) (6:0:6)

Intro to Transcriptomics

Advancements in high-throughput sequencing technologies create a growing demand for professionals skilled in analyzing and interpreting transcriptomics data. Students explore the principles and tools of transcriptomics with a focus on RNA sequencing (RNA-seq) data analysis. They perform quality control, align reads, quantify gene expression, and conduct differential expression analysis. Students apply statistical methods, interpret biological significance, and create reproducible workflows using R and Quarto.

Registration in this course is restricted to students admitted to the Genomics and Transcriptomics Applications program.

Prerequisite(s): An "S" grade in BINF 4015.

BINF 4100 (0 CREDITS) (0:8:0)

Bioinformatics Industry Topics IV

This seminar course on industry topics provides students with opportunities to explore current and emerging research, trends, practices, and issues in bioinformatics. Course content changes from semester to semester and is selected based on current "hot topics" in the field. Please contact the bioinformatics program coordinator for information about the next offering of this course.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): An "S" grade in BINF 3100.

BINF 4215 (3 CREDITS) (1:5:0)

Bioinformatics Capstone I

This research-based course will see students integrating and applying the knowledge and skills they have developed through lower level multidisciplinary courses in the bioinformatics program, as well as their co-op work term. Each student will investigate a novel bioinformatics question or problem by developing a detailed project proposal, conducting research, and writing and presenting their senior capstone project, providing a concrete contribution to the field of bioinformatics.

Registration in this course is restricted to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): Completion of the third year of the Bachelor of Science in Bioinformatics; and a minimum "C-" grade in COOP 2501.

BINF 4225 (3 CREDITS) (1:5:0)

Bioinformatics Capstone II

This research-based course will see students integrating and applying the knowledge and skills they have developed through lower level multidisciplinary courses in the bioinformatics program, as well as their co-op work term. Each student will investigate a novel bioinformatics question or problem by developing a detailed project proposal, conducting research, and writing and presenting their senior capstone project, providing a concrete contribution to the field of bioinformatics.

Registration in this course is restricted to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): An "S" grade in BINF 4215.

BINF 4290 (4 CREDITS) (4:0:2)

Bioinformatics

Students learn how to select, design, implement, and evaluate a variety of computational tools and techniques to solve problems in the field of biology such as sequencing DNA, identifying and predicting genes, and detecting RNA structures. They are introduced to the principles and practical approaches of bioinformatics including exhaustive search, greedy algorithms, dynamic programming, divide and conquer, graph applications, clustering and trees, pattern matching, and hidden Markov models.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): A minimum "C" grade in BIOL 2315, 2330, CPSC 2150, 3260, and STAT 3225; and a minimum "C" grade in MATH 1252 or 2362 and 2382.

Biology (BIOL)

NOTE

Not all 2300 and 2400 level courses are offered every semester. Most 2400 level courses do not have a 2300 level prerequisite. Check the prerequisite information included in each course description.

BIOL 1111 (4 CREDITS) (4:0:2)

Concepts in Biology: Introduction to Human Biology

Formerly BIOL 1116

Students from a variety of backgrounds are introduced to biology and how it relates to humans as well as issues of social importance in today's world. Through lectures and laboratories, students acquire theoretical knowledge and participate in practical demonstrations of biological phenomena that will inform and aid their day to day lives. Topics of study include the essential chemistry of life, cellular structure and function, basic microbiology, nutrition, and an investigation of the structure and function of several human body systems.

Students will receive credit for only one of BIOL 1111, 1116, or 1175.

BIOL 1115 (4 CREDITS) (4:0:2)

General Biology I

Students majoring in science are introduced to cell and molecular biology with a strong emphasis on evolution. Through lectures and laboratories, students acquire the theoretical background and hands-on skills necessary to succeed in upper level biology courses. Topics of study include physical and chemical properties of living matter, atoms and molecules, molecular transformations essential to life, biological information flow, cellular structures and functions, cell energetics, cell division, heredity, and population genetics.

Prerequisite(s): One of the following prerequisite combinations: A minimum "C" grade in BIOL 1111, 1118, 1215, or 1218;

or

A minimum "C" grade in one of the following: Life Sciences 11, Anatomy and Physiology 12, BIOL 1175, or equivalent; a minimum "C" grade in one of the following: Chemistry 11, Chemistry 12, CHEM 1114, 1117, 1118, or 1217; and one of the following: LET 3; LEAP 8; a minimum "C+" grade in English First Peoples 12, English Studies 12, Literary

Studies 12, or equivalent; a minimum "C" grade in CMNS 1115, ENGL 1100, 1120, 1123, 1127, 1128, 1129, or 1130; or an "S" grade in ENGL 1107, 1108, or 1110.

BIOL 1118 (4 CREDITS) (4:0:3)

Introduction to Environmental Ecology

In this course, students pay special attention to environmental ecology, specifically human populations and their interactions with the environment. Students actively engage with content that is topical and at times controversial. This course is open to all students and is ideal for those in non-science programs, particularly those in an environmental studies program.

Students from non-science programs who require a science credit or a prerequisite for BIOL 1115 are encouraged to enrol.

BIOL 1175 (3 CREDITS) (4:0:0)

Introduction to Human Biology

An introduction to human biology that covers the structure and function of cells, tissues, and selected human organ systems. Other topics include basic chemistry and microbiology.

Students will receive credit for only one of BIOL 1111, 1116, or 1175.

BIOL 1190 (4 CREDITS) (4:0:2)

Health Science I - Human Anatomy and Physiology I

An introduction to human structures and functions emphasizing basic physiology principles plus cell and tissue structure. Laboratory exercises will demonstrate underlying physiological processes.

Prerequisite(s): One of the following: LET 3 (or LPI equivalent); LEAP 8; a minimum "C+" grade in BC English 12, BC English Studies 12, BC Literary Studies 12, or BC English First Peoples 12; a minimum "C-" grade in three credits of university-transferable English or communications; or a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110; and

One of the following prerequisite combinations:

1) A minimum "C+" grade in Anatomy and Physiology 12; and a minimum "C+" grade in one of the following: Chemistry 11, CHEM 1114, 1117, or 1217; or

2) One of the following: a minimum "C+" grade in BIOL 1111 or a minimum "C" grade in BIOL 1115.

Note: Students applying to the Nursing program must meet all the admission requirements of the program, including BIOL 1190 with a minimum "C+" grade.

BIOL 1191 (4 CREDITS) (4:0:2)

Health Science II: Human Anatomy and Physiology II

A systems approach to the anatomy and the human body's normal function and maintenance, applying the material studied in BIOL 1190: Health Science I. Laboratory work will include gross and microscopic human anatomy plus physiological assessment of body function.

Prerequisite(s): A minimum "C" grade in BIOL 1190; or permission of the Biology department.

Note: Nursing program students must achieve a minimum "C+" grade in BIOL 1191 to meet program progression requirements.

BIOL 1215 (4 CREDITS) (4:0:2)

General Biology II

Students majoring in science are introduced to organismal biology with a strong emphasis on ecology and evolution. Through lectures and laboratories students acquire the theoretical background and hands-on skills necessary to succeed in upper level biology courses. Topics of study include speciation, phylogenetics, biodiversity (microorganisms, plants, fungi, and animals), and ecology.

Prerequisite(s): One of the following prerequisite combinations: A minimum "C" grade in BIOL 1111, 1115, 1118, or 1218;

or

A minimum "C" grade in one of the following: Life Sciences 11, Anatomy and Physiology 12, BIOL 1175, or equivalent; a minimum "C" grade in one of the following: Chemistry 11, Chemistry 12, CHEM 1114, 1117, 1118, or 1217; and one of the following: LET 3; LEAP 8; a minimum "C+" grade in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in CMNS 1115, ENGL 1100, 1120, 1123, 1127, 1128, 1129, or 1130; or an "S" grade in ENGL 1107, 1108, or 1110.

BIOL 1218 (4 CREDITS) (4:0:3)

Biodiversity and Conservation Biology

After developing a foundation in ecological theory, students examine issues in conservation biology, the scientific discipline that focuses on protecting species negatively impacted by human activities. Students engage with major topics, including loss of biodiversity, habitat fragmentation, conservation genetics, wildlife management, and human ecology. As part of the lab portion of the course, local excursions take learning outside of class to explore concepts in the field.

Students from non-science programs who require a lab science credit or a prerequisite for BIOL 1115 are encouraged to enrol.

BIOL 2105 (0 CREDITS) (0:0:8)

Biology Field School

Students taking BIOL 2440 or 2450 must also register in BIOL 2105. The field school is located out-of-town (usually Bamfield Marine Station) and is three to four days long (includes a Saturday and Sunday). This course has a separate fee to cover the additional costs of running an off-campus course.

BIOL 2192 (3 CREDITS) (3:1:0)

Health Science III: Pathophysiology I

This course is the first of a series of three on human disease. Participants will have an opportunity to develop a knowledge base in pathophysiology. It focuses on general principles and mechanisms which are then applied to a system by system survey of disease conditions. This course begins with an examination of the cellular basis of disease manifestations. It also considers epidemiological patterns and the basis of therapeutic approaches.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in BIOL 1191; and an "S" grade in NURS 1163.

BIOL 2260 (4 CREDITS) (4:0:3)

Introduction to Plant and Animal Physiology

Students explore the principles of cellular and organismal physiology by comparing and contrasting the ways that plants and animals have evolved to overcome the problems of being complex multicellular organisms. The major functions explored include transport processes, nutrient and energy acquisition, water balance, communication, and responses to the environment.

Prerequisite(s): A minimum "C" grade in BIOL 1115 and 1215; or permission of the instructor.

BIOL 2292 (3 CREDITS) (3:1:0)

Health Science IV: Pathophysiology II

Formerly BIOL 2291

This course is the second of a series of three on human disease. Participants will have an opportunity to develop a knowledge base in pathophysiology. It focuses on general principles and mechanisms which are then applied to a system by system survey of disease conditions. This course begins with an examination of the cellular basis of disease manifestations. It also considers epidemiological patterns and the basis of therapeutic approaches.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in BIOL 2192; and an "S" grade in NURS 1263.

BIOL 2300 (4 CREDITS) (3:0:0)

Directed Studies

Corequisite(s): AFFS 1305.

BIOL 2315 (4 CREDITS) (4:0:2)

Biochemistry

This course establishes the foundations for further understanding of biology by covering the fundamental concepts governing biochemistry, with a focus on the structure and function of biomolecules, the process of metabolism, and biological information flow.

Prerequisite(s):One of the following prerequisite combinations: 1) A minimum "C" grade in CHEM 1220; and a minimum "C+" grade in BIOL 1115 and 1215; or permission of the instructor; or 2) A minimum "C" grade in CHEM 1220; and a minimum "C" grade in any second-year biology course; or permission of the instructor.

Note: Successful completion or concurrent registration in either CHEM 2316 or 2416 is recommended.

BIOL 2330 (4 CREDITS) (4:0:2)

Introduction to Genetics

With an emphasis on problem-solving students explore genetics including mitosis and meiosis, Mendelian genetics, modified Mendelian ratios, sex-linkage, linked genes and chromosome mapping, variations in chromosome number, and quantitative and population genetics.

Prerequisite(s): A minimum "C" grade in BIOL 1115 and 1215; or permission of the instructor.

BIOL 2340 (4 CREDITS) (4:0:3)

Vascular Botany

This course examines the diversity and evolutionary relationships of the major groups of extant vascular plants, including lycophytes, monilophytes, gymnosperms, and angiosperms. Students explore key morphological traits, life cycles, reproductive structures, phylogeny, classification, and economic importance of these major groups from an evolutionary perspective.

Prerequisite(s): A minimum "C" grade in BIOL 1115 and 1215; or permission of the instructor.

BIOL 2350 (4 CREDITS) (4:0:3)

Comparative Vertebrate Anatomy

In an integrative lecture and lab approach students investigate the anatomical complexity of vertebrates, exploring their development, classification, structure, function, and evolution. Students also develop dissection skills and become proficient in the use of microscopes to study tissues.

Prerequisite(s): A minimum "C+" grade in BIOL 1115 and 1215; or a minimum "C" grade in any second-year biology course; or permission of the instructor.

BIOL 2370 (4 CREDITS) (4:0:2)

Microbiology I

A general microbiology course designed for students majoring in the biological sciences. Students explore the biology of prokaryotic microorganisms. This includes cell structure, growth, metabolism, gene expression, and the mechanisms of genetic variation. Practical aspects include aseptic technique, microscopy, and culture techniques.

Prerequisite(s): A minimum "C+" grade in BIOL 1115 and 1215; or a minimum "C" grade in any second-year biology course; or permission of the instructor.

BIOL 2380 (4 CREDITS) (4:0:3)

Introduction to Ecology

Ecology explores the complex relationships between organisms and their environment. Students first develop a foundation in ecological theory, and then apply this theory and quantitative methods to contemporary ecological problems. In the lab, students acquire local natural history knowledge and test ecological hypotheses in the field.

Prerequisite(s): A minimum "C" grade in BIOL 1115 and 1215; or permission of the instructor.

BIOL 2415 (4 CREDITS) (4:0:3)

Cell Biology

Cell biology focuses on the study of cell structure from the molecular level to the whole cell. Students learn the components of the cell and how these components form and function. Students also explore some of the common methods and tools used in cell biology.

Prerequisite(s):A minimum "C+" grade in BIOL 1115 and 1215; or a minimum "C" grade in any second-year biology course; or permission of the instructor.

BIOL 2440 (4 CREDITS) (4:0:3)

Biology of Algae, Bryophytes, and Fungi

Students survey some of the major groups of photoautotrophic organisms including cyanobacteria, algae, and bryophytes. They also examine the heterotrophic slime molds and fungi. Major evolutionary themes are covered such as the evolution of multicellular organisms from unicellular cells, the theory of endosymbiosis and horizontal gene transfer, and adaptation to land from a water environment. Emphasis is placed on the evolutionary patterns and processes to explain variations found in their reproductive, life history, and growth characteristics. Students participate in a field trip to a regional research station.

Prerequisite(s): A minimum "C" grade in BIOL 1115 and 1215; or permission of the instructor.

Corequisite(s): BIOL 2105.

BIOL 2450 (4 CREDITS) (4:0:3)

Invertebrate Biology

Students examine the invertebrates, including their origins, classification, anatomy, and ecology, and participate in a field trip to a regional research station.

Prerequisite(s): A minimum "C" grade in BIOL 1115 and 1215; or permission of the instructor.

Corequisite(s): BIOL 2105.

BIOL 2470 (4 CREDITS) (4:0:2)

Microbiology II

Students significantly expand their knowledge of biomedically relevant aspects of microbiology with a focus on health and infectious diseases. This second-year course is suitable for students majoring in the biological sciences and can be used as credit for the associate of science degree.

Prerequisite(s): A minimum "C" grade in BIOL 2370.

BIOL 2480 (4 CREDITS) (4:0:3)

Population Ecology

Population ecology is the study of the factors which affect populations and how and why populations fluctuate over time. Students examine plant and animal population ecology, with emphasis on communities present in North America, population dynamics, interaction, conservation ecology, and modeling. During laboratory hours, students participate in outdoor field trips.

Prerequisite(s): A minimum "C" grade in BIOL 1215.

BIOL 3100 (4 CREDITS) (4:0:3)

Plants and People

This course explores the importance of plants in human societies as sources of food, beverages, fuels, raw materials, medicine, and psychoactive substances. Topics include plant anatomy, cell and molecular biology, genetics, ecology, and evolution, particularly as they relate to the economic and cultural uses of plants.

Prerequisite(s): A minimum "C-" grade in 15 credits.

BIOL 3192 (3 CREDITS) (3:1:0)

Health Science V: Pathophysiology III

This course is the third of a series of three on human disease. Participants will have an opportunity to develop a knowledge base in pathophysiology. It focuses on general principles and mechanisms which are then applied to a system by system survey of disease conditions. This course begins with an examination of the cellular basis of disease manifestations. It also considers epidemiological patterns and the basis of therapeutic approaches.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in BIOL 2292; and an "S" grade in NURS 1104 or 2163.

BIOL 3315 (4 CREDITS) (4:0:2)

Evolution and Phylogenetics

Students explore the evolution of DNA and proteins and how their historical relationships can reveal their contemporary functions. They investigate the mechanisms and dynamics by which evolution produces gradual change in biological species, traits, functions, systems, and genes. Students learn the major concepts, ideas, and findings that have come from a century and a half of evolutionary study. They use analytical computational tools developed to identify historical phylogenetic relationships as well as leverage those relationships to infer present day functional roles.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): A minimum "C" grade in two of: BIOL 2315, 2330, or 2415; and a minimum "C" grade in CPSC 1150 or 1155.

BIOL 3430 (4 CREDITS) (4:0:3)

Molecular Genetics

Formerly BIOL 2430

Building on fundamental knowledge of biology and genetics, students further explore life at the molecular level, specifically, the structure and function of nucleic acids, DNA replication and expression, gene structure and regulation. Topics include fundamental concepts in recombinant DNA technology, cloning and sequencing techniques, and their application to the analysis of genes and genomes. The use of computer-based manipulation and analysis of DNA sequence information as an essential tool in modern molecular genetics is also emphasized.

Students will receive credit for only one of BIOL 2430 or 3430.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): A minimum "C" grade in BIOL 2330.

BIOL 4315 (4 CREDITS) (4:0:2)

Genomics and Transcriptomics

Students are challenged to think critically about genome-scale data and to think creatively about how to best design and utilize powerful computational tools in their analyses. They learn how to work with large nucleic acid data sets and draw meaningful conclusions that can be applied in modern research, medicine, and industrial settings. Students explore fundamental concepts behind genomic and transcriptomic analyses and design and execute genomic and transcriptomic analyses of real datasets. This course prepares students for future work designing and creating original analyses of novel genomes and transcriptomes, and provides the foundation for diverse bioinformatics applications, such as personalized medicine, bioremediation assessment, industrial quality control, and even forensic science.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): A minimum "C" grade in BIOL 3315, 3430, and CPSC 3280.

BIOL 4415 (4 CREDITS) (4:0:2)

Proteomics and Metabolomics

Proteomics is the study of a complete set of proteins in a cell. Metabolomics is the study of all the small molecular weight molecules in the cell, often the substrates and by-products of enzymatic reactions. The study of proteomics and metabolomics provides fundamental insights into how the phenotype is manifest. Students focus on the tools and applications of proteomics and metabolomics analyses, and learn cutting-edge methods for characterizing protein and metabolic functions, both for single organisms and for larger biological communities. They gain an understanding of the power these tools and approaches have on biological systems and experience working with datasets to solve real-world problems. This course prepares students for future work designing and creating original analysis of novel proteomes and metabolomes, and provides the foundation for diverse bioinformatics applications, such as personalized medicine, bioremediation assessment, industrial quality control, and even forensic science.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): A minimum "C" grade in BIOL 2315 and 4315.

Business Computer Applications (BCAP)

Langara School of Management courses can be taken only twice. This includes all BUSM, BCAP, FMGT, INTB, and MARK courses. Students who wish to take a 1xxx or 2xxx course a third time will be given overrides upon request. Students who wish to take a 3xxx or 4xxx course a third time will be asked to submit a plan to the LSM outlining what they will do to ensure success in their third attempt.

BCAP 1200 (3 CREDITS) (3:1:0)

Introduction to Digital Literacy

Digital literacy is critical for everyone as the world increasingly relies on technology in all aspects of life. Students develop the ability to access, manage, integrate, communicate, evaluate, and create digital information safely and appropriately. They create business-ready deliverables such as documents, spreadsheets, and presentations using a variety of digital tools. Students also learn personal productivity, time management, and digital organizational skills using a variety of industry standard tools and methodologies.

Students will receive credit for only one of BCAP 1200 or CPSC 1000.

BCAP 3100 (3 CREDITS) (3:0:1)

Business Computer Applications II

This course covers advanced concepts and applications of MS Windows, Word, Excel, PowerPoint, and Access. It also covers search functions of the internet and email, and explores concepts and design of web pages.

Prerequisite(s): Completion of a minimum 30 credits including a minimum "C" grade in BCAP 1200; and a minimum "C" grade in three credits of university-transferable English or communications.

BCAP 3200 (3 CREDITS) (4:0:0)

Business Information Systems

This course provides an understanding of how technology is used by leading-edge organizations and includes the role the internet plays in a successful enterprise. It also provides an introduction to computer management information systems that support organizations. Issues involving systems analysis, design, and software applications in a business environment are included.

Students will receive credit for only one of BCAP 1237, 3200, 4820, CISY 2415, or CSIS 2500.

Prerequisite(s): Completion of a minimum 30 credits including a minimum "C" grade in three credits of university-transferable English or communications.

BCAP 4820 (3 CREDITS) (4:0:0)

Business Information Systems

This course provides an understanding of how technology is used by leading-edge organizations and includes the role the internet plays in a successful enterprise. It also provides an introduction to computer management information systems that support organizations. Issues involving systems analysis, design, and software applications in business environment are included.

Students will receive credit for only one of BCAP 3200, 4820, or CSIS 2500. BCAP 3200 and CSIS 2500 may not be used to satisfy the BCAP 4820 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): Completion of a minimum 30 credits including a minimum "C" grade in BUSM 4805.

Business Management (BUSM)

Langara School of Management courses can be taken only twice. This includes all BUSM, BCAP, FMGT, INTB, and MARK courses. Students who wish to take a 1xxx or 2xxx course a third time will be given overrides upon request. Students who wish to take a 3xxx or 4xxx course a third time will be asked to submit a plan to the LSM outlining what they will do to ensure success in their third attempt.

BUSM 1100 (3 CREDITS) (3:1:0)

Introduction to Business in Canada

At the heart of our economic system, business influences and organizes our lives in multiple ways, providing both opportunities and challenges. Students gain an overview of business and management concepts that will help them better understand our world. These include economic systems and the business environment, business ethics and social responsibility, entrepreneurship, and the management process. Students also explore management functions and theory such as human resources, organizational behaviour, accounting, money and banking, finance, operations management, and marketing management. They develop insights into various business practices and specializations that are relevant to business and non-business students alike.

BUSM 1115 (3 CREDITS) (3:1:0)

Entrepreneurship

Entrepreneurs transform their dreams into business reality. Students learn how to use the basic business concepts required to successfully plan and set up a small business or develop a new venture. Through a cross-disciplinary lens, they explore marketing, accounting, operations, human resources, finance, strategy, and law, and how they function together in the early stages of a venture. Students also investigate the personal characteristics of the successful entrepreneur and how these skills contribute to success in life.

Prerequisite(s): One of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; or a minimum "C" grade in ENGL 1120; or a minimum "C-" grade in ENGL 1121, or an "S" grade in ENGL 1107, 1108, or 1110. LET with a minimum Level 3; LEAP 8, LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

BUSM 1200 (3 CREDITS) (4:0:0)

Management Principles

This course explores the roles of managers at various organizational levels and examines how they help organizations achieve their goals. Course topics are organized around the four major functions of management: planning, organizing, leading, and controlling. There will be a special emphasis on diversity and the management of multicultural workforces in a global context. Concepts relating to productivity improvement, quality management, and business ethics will be focused on throughout the course. Students will have practical and hands-on assignments involving decision making, problem solving and case analysis to improve their analytical and teamwork skills.

Students will receive credit for only one of BUSM 1200 or 1250.

Prerequisite(s): One of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; or a minimum "C" grade in ENGL 1120; or a minimum "C-" grade in ENGL 1121, or an "S" grade in ENGL 1107, 1108, or 1110. LET with a minimum Level 3; LEAP 8, LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

BUSM 1285 (3 CREDITS) (3:1:0)

Business Law

This course introduces the basic legal principles of contracts, torts, agency, employment, negotiable instruments, debt collection, business ownership, and consumer protection in Canada. Actual case decisions are used to demonstrate and explain judicial reasoning.

Students will receive credit for only one of BUSM 1285 or 4885. BUSM 1285 may not be used to satisfy the BUSM 4885 requirement.

Prerequisite(s): One of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; or a minimum "C" grade in ENGL 1120; or a minimum "C-" grade in ENGL 1121, or an "S" grade in ENGL 1107, 1108, or 1110. LET with a minimum Level 3; LEAP 8, LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

BUSM 1500 (3 CREDITS) (3:1:0)

Business Presentation Skills

This course will develop the communication skills to prepare students to act effectively in a range of practical business situations. It will include skill development in managing meetings, public speaking, and interpersonal communications in a business setting. Students will be required to develop presentations using PowerPoint.

BUSM 1901 (3 CREDITS) (4:0:0)

Entrepreneurship for Creative Industries I

Many graduates of creative arts programs will operate their own businesses. In this course, students examine the creative industries from the perspective of an entrepreneur wishing to start a business upon graduation. From developing a new audience and building a business plan to building and managing an effective marketing strategy, all facets of the business side of creative industries are covered.

Registration in this course is restricted to students admitted to the following programs: Diploma in Design Formation, Diploma in Digital and Print Publishing, Diploma in Fine Arts, Diploma in Professional Photography, Certificate in Film Arts (Acting), Certificate in Film Arts (Directing), and Certificate in Film Arts (Writing), and Citation in Photography Fundamentals.

BUSM 1902 (3 CREDITS) (4:0:0)

Entrepreneurship for Creative Industries II

In this capstone course, students create business plans for their own creative industries businesses. Working within provincial and municipal regulations and applying principles of project management, each student writes a comprehensive plan covering all major areas of the business including marketing, operations, and business finances. They also take the initial steps needed to start a business.

Registration in this course is restricted to students admitted to the following programs: Diploma in Design Formation, Diploma in Digital and Print Publishing,

Diploma in Fine Arts, Diploma in Professional Photography, Certificate in Film Arts (Acting), Certificate in Film Arts (Directing), and Certificate in Film Arts (Writing).

Prerequisite(s): A minimum "C" grade in BUSM 1901.

BUSM 2115 (3 CREDITS) (3:1:0)

Human Resources Management

Successful leaders in organizations need a strong foundation in attracting and engaging talent. Students explore current Canadian Human Resource Management (HRM) concepts and applications in all types of organizations. They discuss and apply foundational HRM concepts to workplace scenarios, reflecting on regulatory context, human resources strategy and people analytics, and job design. Students learn best practices in managing the employee lifecycle, from recruitment and selection to separation of employment. This includes consideration of social context, diversity of the workforce in Canada, and the evolution of HRM practices. This course is recommended for all students interested in leading people, general organizational management, or human resources management.

Prerequisite(s): One of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; or a minimum "C" grade in ENGL 1120; or a minimum "C-" grade in ENGL 1121, or an "S" grade in ENGL 1107, 1108, or 1110. LET with a minimum Level 3; LEAP 8, LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

BUSM 2200 (3 CREDITS) (4:0:0)

Organizational Behaviour

Organizational Behaviour combines business acumen with behavioural sciences to help predict how individuals and groups can create more effective organizations. Students examine the impact of individuals, teams, and structures on organizations for the purpose of applying such knowledge toward improving an organization's effectiveness. Students study personality, perception, emotions, values, attitudes, diversity, and motivation, and then analyze how these impact teamwork, communication, power, politics, conflict, and negotiation in the workplace. From there, they consider how organizational culture, leadership, decision-making, creativity, ethics, structure, and change management influence organizational effectiveness. Students leave this course with a better understanding of themselves, others, teams, and organizations. Students also develop critical thinking skills to better analyze organizational challenges and develop problem-solving and decision-making skills to formulate and execute effective solutions and achieve intended results.

Students will receive credit for only one of BUSM 1321 or 2200.

Prerequisite(s): One of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; or a minimum "C" grade in ENGL 1120; or a minimum "C-" grade in ENGL 1121, or an "S" grade in ENGL 1107, 1108, or 1110. LET with a minimum Level 3; LEAP 8, LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

BUSM 2450 (3 CREDITS) (2:2:0)

Business Planning

Business planning is a critical process in preparing to launch a business or venture. Students focus on "how to" techniques in the development of business plans. They learn what investors and lenders look for in a business plan, how to analyze and improve a business plan, how to assess the feasibility of a business, and how to apply tools and resources to perform research and create and analyze a business opportunity. Students work in teams to have the opportunity to develop comprehensive business plan and elevator pitch.

Prerequisite(s): Successful completion of 30 credits including a minimum "C" grade in BUSM 1100; and a minimum "C-" grade in FMGT 1116, 1215, or 2293. One of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in grade ENGL 1107, 1108, or 1110; LET level 3; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

BUSM 3000 (3 CREDITS) (0:0:22)

Business Management Practicum

The practicum provides the opportunity for a student that needs to gain credits for the work experience component of the degree, to meet graduation requirements.

Practicum students must first be accepted into the course by the instructor. Requirements include paid work or volunteer experience for a minimum of 420 hours, and ability to meet all of the Competency Standards. (See Course Outline and Competency Checklist.)

Students currently employed part- or full-time may be able to use this experience. To complete the practicum, students will be required to have their manager or supervisor review and sign off that the student has met all of the Competency Standards. Graded S/U.

Registration in this course is restricted to students admitted to the Bachelor of Business Administration.

Prerequisite(s): Permission of the department.

BUSM 3001 (3 CREDITS) (0:32.5:0)

Disney World Work Experience

This six-month full-time integrated learning experience at Walt Disney World Resort in Orlando, Florida provides the opportunity for students to gain experience and apply theoretical knowledge to enhance skills, provide professional and personal development, and to become familiar with the policies, procedures, and operations of the Disney World organization. This course is part of the Disney Field School (FSIE 2000). Students will work under the direction of a manager or supervisor who will assess the student's level of competence. This work experience takes place from January to July each year. Graded S/U.

Prerequisite(s): Acceptance to the Disney Field School.

Corequisite(s): FSIE 2000.

BUSM 3200 (3 CREDITS) (4:0:0)

Operations Management

The course looks at the decisions firms need to make in order to run efficient, competitive, lean, and profitable operations. In general, this course presents the fundamental issues in operations and supply chain management. The first part of the course focuses on a company's internal operations and processes. The second part of the course focuses on global supply chain management, and the sourcing of parts, components, and materials on a global basis.

Registration in this course is restricted to students admitted to the Bachelor of Business Administration.

Prerequisite(s): Completion of 54 credits including a minimum "C" grade in six credits of university-transferable English or communications.

BUSM 3220 (3 CREDITS) (3:1:0)

Negotiating Skills

This course introduces students to a variety of negotiation processes and techniques used to achieve multiple business objectives. Students will apply their negotiation skills in various business circumstances, e.g. labour negotiations, sales negotiations, negotiating across cultures, through continuous in-class skills development exercises. Upon successful completion of the course, students will be able to negotiate and appraise situations that call for bargaining; comprehend the process and the various bargaining techniques; assess alternatives; and formulate negotiation plans. Students will demonstrate their ability to use negotiation techniques to carry out successful negotiation.

Prerequisite(s): Completion of 54 credits including a minimum "C" grade in six credits of university-transferable English or communications.

BUSM 4100 (3 CREDITS) (3:1:0)

Project Management

Project management is now used in virtually all industries to streamline operations and to improve productivity. Effective project management ensures that a project is completed on time, within budget, and with high quality. This course introduces concepts, skills, and tools that allow students to coordinate and lead projects towards successful completion using a variety of techniques to manage the budget, schedule, and quality of projects that managers are responsible for.

Students may receive credit for only one of BUSM 4100 or 4830.

Registration in this course is restricted to students admitted to the Bachelor of Business Administration.

Prerequisite(s): Completion of a minimum 54 credits, including a minimum "C" grade in CMNS 2228 and six additional credits of university-transferable English or communications.

BUSM 4120 (3 CREDITS) (4:0:0)

Organizations and Change

This course examines the underlying concepts, principles, and assumptions of organizational development. Included is an investigation of macro factors such as organizational structure, coordination and control, power, authority, organizational politics and corporate culture, and their impact on effectiveness. It develops a framework around understanding natural versus planned change, models for managing change, the development of specific skills to manage change, the human side of change, and the transition process. Understanding the dynamics of organizational change is a critical skill for contemporary managers.

Registration in this course is restricted to students admitted to the Bachelor of Business Administration and Bachelor of Recreation Management.

Prerequisite(s): Completion of a minimum 54 credits, including a minimum "C" grade in CMNS 2228, and a minimum "C" grade in six additional credits of university-transferable English or communications.

BUSM 4200 (3 CREDITS) (4:0:0)

Strategic Management

Crafting, implementing, and executing a company's strategy is the heart and soul of business. The focus of strategic management is on managing the entire organization from an executive level. In this course, students will learn to think, analyze, and plan at a strategic level, and to think like an executive.

Students may receive credit for only one of BUSM 4200 or 4855. BUSM 4200 may not be used to satisfy the BUSM 4855 requirement.

Registration in this course is restricted to students admitted to the Bachelor of Business Administration.

Prerequisite(s): Successful completion of a minimum of 90 credits in the BBA; a minimum "C" grade in CMNS 2228; a minimum "C" grade in six additional credits of university-transferable English or communications; and BUSM 3000, COOP 2301, or 2303.

BUSM 4300 (3 CREDITS) (1:6:0)

Applied Business Project

This capstone course provides the opportunity to apply the concepts, skills, and techniques gained in previous course work to non-profit or volunteer organizations. The project can range from the preparation of a detailed 'consulting' plan, a business plan, or the development of specific deliverables for the client organization. Students will work closely with the client and a faculty advisor and will present their report to the client and faculty.

Registration in this course is restricted to students admitted to the Bachelor of Business Administration and Bachelor of Recreation Management.

Prerequisite(s): Successful completion of at least 105 credits in the Bachelor of Business Administration including a minimum "C" grade in BUSM 4200 and CMNS 2228; and an "S" grade in BUSM 3000 or a minimum "C-" grade in COOP 2301. This course is restricted to students in their final term of the Bachelor of Business Administration.

BUSM 4800 (3 CREDITS) (4:0:0)

Organizational Behaviour

Students in this course examine how individual and group behaviour affects organizational goal attainment and success. Topics will include individual attributes such as attitude, personality and perception, and organizational culture and management skills such as leadership, empowerment, participation, communication, and motivation. There will be a strong international focus with an emphasis on diversity, managerial ethics, and development of total quality management. Students will have practical and hands-on assignments for decision-making, problem solving, and case analysis to improve their analytical skills.

Students will receive credit for only one of BUSM 2200 or 4800. BUSM 2200 may not be used to satisfy the BUSM 4800 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Business Administration and Marketing Management or the Post-Degree Certificate in Diversity and Inclusion Leadership.

BUSM 4805 (3 CREDITS) (4:0:0)

Professional Business Practice

This course is designed to provide fundamental skills necessary for success in the Canadian business environment. Successful students will develop the skills and competencies required to present themselves and their work in a professional manner according to business ethics and societal norms. The course will allow students to develop skills and strategies to manage office politics, social situations, and professional communication.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Accounting, Business Administration, Marketing Management, and Data Analytics.

BUSM 4810 (3 CREDITS) (4:0:0)

Operations Management

The course looks at the decisions firms need to make in order to run efficient, competitive, lean, and profitable operations. In general, this course presents the fundamental issues in operations and supply chain management. This course looks at a company's internal operations and processes. The main topics covered are: operations strategy, quality management, forecasting and demand planning, scheduling, and process design for manufacturing and services.

Students will receive credit for only one of BUSM 3200 or 4810. BUSM 3200 may not be used to satisfy the BUSM 4810 requirement.

Registration in this course is restricted to students admitted to Post-Degree Diplomas in Business Administration and Marketing Management.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and MARK 4800; and a minimum "C" grade in FMGT 4800 or 4816.

BUSM 4820 (3 CREDITS) (4:0:0)

Negotiation Skills

Negotiation Skills explores the core concepts and theories of the psychology of bargaining and negotiation, the dynamics of interpersonal and inter-group conflict, and its resolution in the context of competitive situations. This course introduces students to a variety of negotiation processes and techniques used to achieve multiple business objectives. Using simulations and role-plays, students will apply their negotiation skills to a variety of business circumstances. Upon successful completion of the course, students will be able to negotiate and appraise situations that call for bargaining; comprehend the process and the various bargaining techniques; assess alternatives; and formulate negotiation plans. Students will demonstrate their ability to use negotiation techniques by conducting a successful negotiation where agreement has been reached amongst multiple parties.

Students will receive credit for only one of BUSM 3220 or 4820. BUSM 3220 may not be used to satisfy the BUSM 4820 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Business Administration and Marketing Management.

Prerequisite(s): A minimum "C" grade in BUSM 4800 and 4805.

BUSM 4830 (3 CREDITS) (4:0:0)

Project Management

This course introduces project management concepts, skills, and tools that allow managers to coordinate and lead projects towards successful completion. A variety of techniques are used to manage the budget, schedule, and quality of projects. This applied course also introduces software tools specifically designed for the task. Effective project management ensures that a project is completed on time, within budget, and with high quality.

Students will receive credit for only one of BUSM 4100 or 4830.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Business Administration or Post-Degree Diploma in Data Analytics.

Prerequisite(s): A minimum "C" grade in BUSM 4805, and BUSM 4810 or DANA 4810.

BUSM 4840 (3 CREDITS) (4:0:0)

Organizations and Change

This course examines the underlying concepts, principles, and assumptions of organizational change. Macro factors such as organizational structure, corporate culture, politics and leadership, and their impact on effecting permanent change will be explored. Then a framework will be developed around understanding the change process, models for managing change, the development of specific skills to manage change, the human side of change, and the transition process.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Business Administration and the Post-Degree Certificate in Diversity and Inclusion Leadership.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and 4820; or NURS 5150

BUSM 4850 (3 CREDITS) (4:0:0)

Business Strategy

This capstone course of the post-degree diplomas provides the opportunity for students to formulate a corporate business strategy, make decisions, and interact as executive leaders running a company within a business simulation. The course integrates concepts, skills, and techniques gained in previous course work into a strategic management framework. Students will learn to think, analyze, plan, and make decisions at a strategic level and then see the results of their decisions.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Business Administration and Marketing Management.

Prerequisite(s): A minimum "C" grade in BUSM 4805, 4820, MARK 4810, and STAT 4800; and a minimum "C" grade in BUSM 4810 or MARK 4820.

BUSM 4855 (3 CREDITS) (4:0:0)

Business Strategy for Accountants

This is the capstone course for the Post-Degree Diploma in Accounting.

Crafting, implementing, and executing a company's strategy is the core of an organization. The focus of business strategy is on managing the entire organization from an executive level. This course emphasizes the chief financial officer's perspective. A strong emphasis is placed on financial and non-financial strategic objectives that play a role in the organization's longevity.

Students will receive credit for only one of BUSM 4200 or 4855. BUSM 4200 may not be used to satisfy the BUSM 4855 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): Successful completion of a minimum of 48 credits, including a minimum "C" grade in FMGT 4818 and 4865.

BUSM 4885 (3 CREDITS) (4:0:0)

Canadian Business Law

This course introduces the basic legal principles of contracts, torts, agency, employment, negotiable instruments, debt collection, business ownership, and consumer protection in Canada. Actual case decisions are used to demonstrate and explain judicial reasoning.

Students will receive credit for only one of BUSM 1285 or 4885. BUSM 1285 may not be used to satisfy the BUSM 4885 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Canadian Studies (CNST)

CNST 1105 (0 CREDITS) (2:0:0)

Lecture Series

This is a non-credit, non-fee course consisting of a series of lectures on a theme related to one of the course offerings. A minimum of three lectures will be given during the semester. Required for the Diploma in Arts and Science (Canadian Studies).

CNST 1110 (3 CREDITS) (4:0:0)

American Power in Canada

Provides an understanding of contemporary American cultural, economic, and political power in Canada and the varied popular and institutional responses. Topics may include the political-economy of Canada - US relations; the free trade agreements and globalization; and American impact on Canadian arts, film, and media.

This course satisfies the Canadian content requirement for the Bachelor of Education Degree at UBC.

CNST 1120 (3 CREDITS) (3:1:0)

Canadian First Nations' Concerns

A survey of contemporary First Nations' (Indian, Inuit, and Métis) issues. Emphasis placed upon various social, political, economic, anthropological, and artistic concerns in terms of the Canadian multicultural perspective.

This course satisfies the Canadian content requirement for the Bachelor of Education Degree at UBC.

CNST 1130 (3 CREDITS) (3:1:0)

Work in Canadian Society

An interdisciplinary study of the concept of work in Canadian society. The problems Canadians encounter in the field of work will be considered from such viewpoints as sociology, history, literature, and philosophy.

Students will receive credit for only one of CNST 1130 or 4850. CNST 1130 may not be used to satisfy the CNST 4850 requirement.

This course satisfies the Canadian content requirement for the Bachelor of Education Degree at UBC.

CNST 1140 (3 CREDITS) (3:1:0)

Racism and Ethnic Relations in Canada

This course deals with racial and ethnic relations in Canada. It will emphasize social, political, and economic analyses of the family, school, workplace, law, and media, with special focus on British Columbia.

This course satisfies the Canadian content requirement for the Bachelor of Education Degree at UBC.

CNST 1160 (3 CREDITS) (4:0:0)

Canadian Cultural Studies: The Art and Story of Canada

This multi-disciplinary, team-taught course will introduce students to the major developments, trends, and artistic expressions in Canadian culture. In each part of the course, students will examine a subject through a different disciplinary "lens" with the key learning objective being a comprehensive understanding of the dynamics of modern Canadian culture.

Chemistry (CHEM)

PREREQUISITES

Prerequisites for courses in chemistry are valid for only three years. If you wish to register in a course for which the prerequisite was taken more than three years ago, you will be required to write a diagnostic test or to upgrade the prerequisite.

Students who have completed a chemistry course through an adult education program or by correspondence must obtain permission of the Chemistry department to have the course approved as a prerequisite for Langara College chemistry courses.

REPEATING A COURSE

A chemistry course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, only on the basis of documented evidence of upgraded prerequisites.

LABORATORY REQUIREMENTS

The chemistry labs are an integral part of each course. It is Chemistry department policy that there are no make-up labs. Failure to satisfactorily complete the laboratory requirements may result in a failing grade for the course.

Attendance at the first lab in all chemistry courses is compulsory.

DIAGNOSTIC TESTS

The Chemistry Diagnostic Placement Test is an assessment of the student's knowledge of the chemical principles and their applications. The test is designed to place the student into the most appropriate chemistry course. To enrol in any chemistry course with a chemistry prerequisite, the diagnostic test is required for any student who has not taken a chemistry course in BC or for any student whose prerequisite course was taken more than three years ago.

CHEM 1114 (4 CREDITS) (3:0:2)

An Introduction to Chemistry

A one-semester introduction to chemistry intended for students who have had no secondary school chemistry and who wish to proceed to more advanced chemistry courses. Open only to students who have completed secondary school or equivalent or have been admitted under dean's admission.

CHEM 1117 (4 CREDITS) (3:0:2)

Environmental Chemistry for Arts Majors I

This course emphasizes the practical applications of chemistry in nature, living systems, and society. The role of science in shaping our view of ourselves and our surroundings will also be examined. An opportunity to do science will be provided by means of participatory lecture demonstrations, laboratory experiments, and take-home experiments.

CHEM 1118 (4 CREDITS) (4:0:3)

Intermediate Chemistry

A continuation of the CHEM 1114 course with an increased emphasis on laboratory work. CHEM 1118 topics include solutions, descriptive kinetics, chemical equilibrium, acid-base chemistry, buffers, and electrochemistry.

Prerequisite(s): One of the following: a minimum "C+" grade in CHEM 1114 or Chemistry 11, or a minimum "C" grade in Chemistry 12; and one of the following: an "S" grade in MATH 1150, a minimum "C+" grade in Precalculus 11, a minimum "C" grade in Precalculus 12, MATH 1152, 1170, 1171, 1173, 1174, or 1175, a score of 65 on the Langara Math Diagnostic Test; or permission of the department. Prerequisites are only valid for three years

CHEM 1119 (4 CREDITS) (14:0:6)

Principles of Chemistry: Post-Secondary Foundations

Students develop an understanding of the fundamentals of chemistry and how to apply them to the world around us. They explore how chemistry supports how human beings live and ways it is used to reduce our environmental footprint. The topics in focus are ideal gases, equilibrium, acid and bases, quantum theory, molecular bonding, kinetics, thermodynamics, and electrochemistry.

Prerequisite(s): A minimum "B" grade in Chemistry 11 and Pre-Calculus 11.

CHEM 1120 (4 CREDITS) (3:0:3)

General Chemistry I

Students will learn modern theories of molecular properties, while also examining chemical technology's impact on society. Topics include atomic spectroscopy, orbitals and periodicity, chemical bonding, molecular geometry, molecular orbital theory, intermolecular forces, and macromolecules. Laboratories highlight hands-on experimental techniques.

Students will receive credit for only one of CHEM 1120 or 1121.

Prerequisite(s): One of the following: a minimum "C-" grade in CHEM 1118 or a minimum "C+" grade in Chemistry 12; and one of the following: an "S" grade in MATH 1150, a minimum "C+" grade in Precalculus 11, a minimum "C" grade in Precalculus 12, MATH 1152, 1170, 1171, 1173, 1174, or 1175, a score of 65 on the Langara Math Diagnostic Test; or permission of the department. Prerequisites are only valid for three years.

CHEM 1121 (4 CREDITS) (3:0:3)

General Chemistry I

This course constitutes a first year course in general college chemistry. Topics include: quantum chemistry, bonding, absorption of energy by molecules, applications of structure, and chemistry in society. Students may obtain credit for only one of CHEM 1120 or 1121. These courses have the same learning outcomes but differ in their delivery mode. CHEM 1121 and 1221 will run with 100% online lectures and 100% online synchronous labs.

Note: Students intending to use this course for transfer to a university should be aware that this course is not intended to transfer to UBC Vancouver as CHEM 121.

Students will receive credit for only one of CHEM 1120 or 1121.

Prerequisite(s): A minimum "C-" grade in CHEM 1118 or a minimum "B" grade in Chemistry 12; and a minimum "C" grade in MATH 1152 or Precalculus 12, or MDT 75. Prerequisites are only valid for three years.

CHEM 1154 (4 CREDITS) (4:0:2)

Engineering Chemistry

A survey of first year chemistry, including quantum mechanics with application to electronic structure, thermodynamics with application to electrochemistry and phase equilibria, and also topics in intermolecular forces, gas law, crystal structure, and aqueous equilibria.

Priority registration in this course is offered to students admitted to the Certificate in Arts and Science (Engineering).

Prerequisite(s): A minimum "B" grade in Chemistry 12 or equivalent; a minimum "C+" grade in CHEM 1118; or CDT results as for CHEM 1120; and a minimum "C" grade in Precalculus 12, MDT 75, or MATH 1152. Prerequisites are only valid for three years.

CHEM 1217 (4 CREDITS) (3:0:2)

Environmental Chemistry for Arts Majors II

This is a chemistry course for arts majors that focuses on biological and organic chemistry with an emphasis on environmental issues. Topics covered include toxicology, drug chemistry, food chemistry, hydrocarbons, and plastics. This course meets the laboratory science requirement for the Associate of Arts Degree.

CHEM 1220 (4 CREDITS) (3:0:3)

General Chemistry II

Students explore the fundamentals of physical chemistry and organic chemistry, learning to predict and control chemical reactions important for biological and industrial processes. Topics include chemical kinetics, thermodynamics, equilibrium calculations, organic structure, and organic reactivity. Laboratories highlight hands-on experimental techniques.

Prerequisite(s): A minimum "C-" grade in CHEM 1120; and one of the following: a minimum "C" grade in Precalculus 12, MATH 1152, 1170, 1171, 1173, 1174, or 1175; a score of 75 on the Langara Math Diagnostic Test; or a minimum C+ grade in CHEM 1118. Prerequisites are only valid for three years.

CHEM 1221 (4 CREDITS) (3:0:3)

General Chemistry II

This course constitutes the second half of a first year course in general college chemistry. Topics include: solutions, energetics, thermo-dynamics, chemical kinetics, structure, and reactivity. Students may obtain credit for only one of CHEM 1220 or 1221. These courses have the same learning outcomes but differ in their delivery mode. CHEM 1121 and 1221 will run with 100% online lectures and 100% online synchronous labs.

Note: Students intending to use this course for transfer to a university should be aware that this course is not intended to transfer to UBC Vancouver as CHEM 123.

Students will receive credit for only one of CHEM 1220 or 1221.

Prerequisite(s): A minimum "C-" grade in CHEM 1120 or 1121; and a minimum "C" grade in MATH 1152 or Precalculus 12, or MDT 75. (MATH 1153 is recommended as a corequisite). Prerequisites are only valid for three years.

CHEM 1510 (1 CREDIT) (3:3:9)

Applied Analytical Laboratory Skills I - Safe Laboratory Practices

Fostering a culture of safety and excellence in the laboratory depends on the implementation of WorkSafe BC guidelines and OECD Good Laboratory Practices, as well as the disposal of waste material in accordance with Workplace Hazardous Materials Information System (WHMIS) and provincial regulations, promoting environmental responsibility and compliance. Students learn and practice the principles of safe and efficient laboratory operations and safe chemical storage and inventory maintenance, while gaining competencies to ensure a secure and organized lab environment.

Prerequisite(s): A minimum "C+" grade in CHEM 1114 or Chemistry 11; or a minimum "C" grade in Chemistry 12.

CHEM 1520 (1 CREDIT) (1:2:12)

Applied Analytical Laboratory Skills II - Using Fundamental Tools

Advanced analytical tasks in scientific and industrial setting require essential laboratory skills to ensure accuracy and reliability. Students perform efficient calibration checks on basic laboratory equipment, master the use and precise reading of analytical glassware, and gain proficiency in preparing reagents, buffers, standards, and reference materials. Learners also use pipettes and serial dilutions to meet stringent precision requirements and prepare for advanced analytical tasks in various laboratory settings.

Prerequisite(s): One of the following: a minimum "C+" grade in CHEM 1114 or Chemistry 11; a minimum "C" grade in Chemistry 12; or permission of the department.

CHEM 1530 (1 CREDIT) (1:2:12)

Applied Analytical Laboratory Skills III - Sample Preparation

Precise sample preparation and analysis are essential in industrial and scientific laboratories. Students learn to follow Standard Operating Procedures (SOPs) for sample preparations including homogenizing, weighing, drying, grinding, filtration, screening, extraction, and digestion. Students manage sample flow to ensure traceability and maintain a chain of custody. Learners also use Laboratory Information Management Systems and other digital lab tools to maintain accurate records of sample analysis and instrument maintenance. This training prepares students for the meticulous and precise work required in analytical laboratories.

Prerequisite(s): An "S" grade in or concurrent registration in CHEM 1520; or permission of the department.

CHEM 1610 (1 CREDIT) (1:5:9)

High Performance Liquid Chromatography I - Fundamental

High Performance Liquid Chromatography (HPLC) is a powerful and broadly applicable analytical technique. Students learn how to maintain the High Performance Liquid Chromatography (HPLC) instrument, run samples on the HPLC following a standard operational procedure (SOP) to improve separation, then collect and analyze data. This is one of three micro-courses in the HPLC micro-credential.

Prerequisite(s): A minimum "C-" grade in CHEM 1220; or permission of the department.

CHEM 1620 (1 CREDIT) (1:4:10)
High Performance Liquid Chromatography II - Sampling
Part of the versatility of High Performance Liquid Chromatography is the ability to use different samples, solvents, and HPLC columns for sampling runs. Students learn how to successfully prepare and run samples on the High Performance Liquid Chromatograph instrument to separate, identify, and quantify components of complex mixtures. Industries that use HPLC employ Standard Operational Procedures (SOP) to detail the specific requirements of the sampling process. Leaners focus on preparing samples and performing HPLC sample runs that meet that requirements of a modified SOP to reflect industry standards. This is a stackable micro-course in the High Performance Liquid Chromatograph (HPLC) micro-credential, where learners will learn to maintain the HPLC instrument, run samples, and analyze data.

Prerequisite(s): An "S" grade in CHEM 1610.

CHEM 1630 (1 CREDIT) (5:5:5)
High Performance Liquid Chromatography III - Data Analysis
Careful data analysis and method validation are essential skills in HPLC chemical analysis. Students learn how to interpret and manipulate chromatograms to obtain reliable quantitative data; and how to write a method validation report for the HPLC Standard Operating Procedure (SOP) for that data. This is the final course of three stackable micro-courses in the High Performance Liquid Chromatography (HPLC) micro-credential.

Prerequisite(s): An "S" grade in CHEM 1620.

CHEM 2100 (4 CREDITS) (1:1:4)
Science Projects
This course is intended for students who want an applied experiential learning opportunity which will build practical skills valued by employers, and be of use to subsequent academic studies. Each student is assigned a unique science project, typically based on an industry or non-profit identified need. Students are responsible for understanding the problem, designing experiments to approach the problem, performing bench experiments, interpreting the results and preparing a written and oral report.

Prerequisite(s): A minimum "C-" grade in CHEM 1220; or permission of the instructor. Prerequisites are only valid for three years.

CHEM 2208 (4 CREDITS) (4:0:3)
Coordination Chemistry
Fundamental concepts and principles governing bonding and reactivity of coordination complexes: ligand field theory, symmetry, and point groups; frontier molecular orbital theory.

Students will receive credit for only one of CHEM 2208 or 2224.

Prerequisite(s): A minimum "C-" grade in CHEM 1120 and 1220. Prerequisites are only valid for three years.

CHEM 2216 (4 CREDITS) (4:0:3)
Organic Chemistry for the Biological Sciences
This organic chemistry course is intended for students in the biological sciences. Topics include properties of aromatic compounds, reactions and properties of alkenes, alkynes, cabonyl compounds, and carbohydrates. Not intended for students completing a chemistry or biochemistry major.

Prerequisite(s): A minimum "C-" grade in CHEM 1220 or equivalent. Prerequisites are only valid for three years.

CHEM 2222 (4 CREDITS) (3:0:4)
Analytical Chemistry
Introduction to qualitative and quantitative chemical analytical techniques and statistical analysis of data.

Prerequisite(s): A minimum "C-" grade in CHEM 1220 or equivalent. Prerequisites are only valid for three years.

CHEM 2250 (4 CREDITS) (3:0:2)
Physical Chemistry for the Life Sciences
Physical chemistry is fundamental to the understanding of biology on a molecular scale. Students learn spectroscopy as a tool for observing the properties of atoms and molecules, and the use of thermodynamics and kinetics to predict and control chemical reactions and changes of state that underlie biological processes. This course is offered for students pursuing university degrees in cellular, anatomical and physiological sciences, pharmacology, and nutritional sciences. It is also recommended for a variety of degrees including biology, geological sciences, and environmental sciences.

Students will receive credit for only one of CHEM 2210 or 2250.

Prerequisite(s): A minimum "C-" grade in CHEM 1220; and a minimum "C-" grade in one of the following: MATH 1171, 1173, 1174, 1175, or 1253 (may be taken concurrently); or permission of department. Prerequisites are only valid for three years.

CHEM 2316 (4 CREDITS) (4:0:3)
Organic Chemistry I
A second-year level course in general organic chemistry. Topics include simple aliphatic and aromatic compounds including hydrocarbons, alkyl halides, organometallic compounds; and an introduction to reaction mechanisms, to stereochemistry and to the use of spectroscopy in organic chemistry.

Prerequisite(s): A minimum "C-" grade in CHEM 1220 or equivalent. Prerequisites are only valid for three years.

CHEM 2416 (4 CREDITS) (4:0:3)
Organic Chemistry II
A second-year level course in general organic chemistry. Topics include aromatic compounds, alcohols and ethers, carbonyl compounds, carbonylic acids, amines, and amino acids. Bio-organic systems may also be covered.

Prerequisite(s): A minimum "C-" grade in CHEM 2316 or equivalent. Prerequisites are only valid for three years.

CHEM 3216 (4 CREDITS) (3:0:3)
Molecular Modeling
Students learn the principles of molecular modeling, the set of computational techniques employed to model or simulate the behaviour of molecules, from small compounds to large biomolecules. The major topics include optimization of molecular geometry, energy calculations, structural-property relationships, modeling of chemical reactions, and basic conformational analysis.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): A minimum "C" grade in all of the following: BIOL 2315, CHEM 2216, CPSC 2221, and MATH 1252. Prerequisites are only valid for three years.

Chinese (CHIN)

Students with a minimum "C" grade in a Chinese course cannot repeat the same course without department permission.

Before registering in a Chinese (CHIN) course, please read the prerequisite information carefully. Overqualified students will not be given credit for the courses.

CHIN 1115 (3 CREDITS) (3:0:1)

Beginner's College Chinese I

CHIN 1115 provides an introduction to spoken Mandarin and modern written Chinese with an emphasis on accurate pronunciation. After the oral-aural foundation has been laid, emphasis gradually shifts toward developing the student's ability to read written texts and to formulate basic sentences. New vocabulary (in both phonetic transcript and in characters) and grammar concepts are introduced through a study of the Chinese socio-cultural knowledge embedded in the readings. At the end of Chinese 1115, students are expected to be able to understand and speak basic Mandarin and to read and write approximately 200 Chinese words and phrases.

Students who have completed elementary grade one or equivalent in a Chinese-speaking country/area are not normally permitted to register in CHIN 1115. Students who have completed BC Mandarin 10 should consult an instructor of Chinese before registering in CHIN 1115.

Registered students deemed to be overqualified will be directed to a higher level course.

CHIN 1117 (3 CREDITS) (3:0:1)

Beginner's College Chinese III

As a continuation of CHIN 1215, CHIN 1117 offers further oral and written practice in Chinese including a thorough review of the language's structure and grammar, plus additional vocabulary. Reading, conversation, composition, and translation are emphasized. New vocabulary (in both phonetic transcript and in characters) and grammar concepts are introduced through a study of the Chinese socio-cultural knowledge embedded in the readings. At the end of CHIN 1117, students are expected to be able to use all the basic sentence patterns in modern Chinese and to read, write, and use approximately 800 Chinese words and phrases.

Students who have completed elementary grade two or equivalent in a Chinese-speaking country/area are not normally permitted to register in CHIN 1117. Students who have completed BC Mandarin 12 should consult an instructor of Chinese before registering. Registered students deemed to be overqualified will be directed to a higher level course.

Prerequisite(s): A minimum "C-" grade in CHIN 1215 or demonstrated equivalent competency.

CHIN 1215 (3 CREDITS) (3:0:1)

Beginner's College Chinese II

Building on the material covered in CHIN 1115, CHIN 1215 develops students' listening, speaking, reading, and writing skills. New vocabulary (in both phonetic transcript and in characters) and grammar concepts are introduced through a study of the Chinese socio-cultural knowledge embedded in the readings. At the end of Chinese 1215, students are expected to be able to understand and speak basic Mandarin and to read and write approximately 500 Chinese words and phrases.

Students who have completed elementary grade one or equivalent in a Chinese-speaking country/area are not normally permitted to register in CHIN 1215. Students who have completed BC Mandarin 11 should consult an instructor of Chinese before registering in CHIN 1215.

Registered students deemed to be overqualified will be directed to a higher level course.

Prerequisite(s): A minimum "C-" grade in CHIN 1115 or demonstrated equivalent competency.

CHIN 1217 (3 CREDITS) (3:0:1)

Beginner's College Chinese IV

As a continuation of CHIN 1117, CHIN 1217 offers further oral and written practice in Chinese including a thorough review of the language's structure and grammar, plus additional vocabulary. Reading, conversation, composition, and translation are emphasized. New vocabulary (in both phonetic transcript and in characters) and grammar concepts are introduced through a study of the Chinese socio-cultural knowledge embedded in the readings. At the end of CHIN 1217, students are expected to be able to use all the basic sentence patterns in modern Chinese and to read, write, and use approximately 1,100 Chinese words and phrases.

Students who have completed elementary grade two or equivalent in a Chinese-speaking country/area are not normally permitted to register in CHIN 1217. Students who have completed BC Mandarin 12 should consult an instructor of Chinese before registering.

Registered students deemed to be overqualified will be directed to a higher level course.

Prerequisite(s): A minimum "C-" grade in CHIN 1117 or demonstrated equivalent competency.

CHIN 2217 (3 CREDITS) (4:0:0)

Intermediate Chinese - Reading and Writing IV

CHIN 2217 is a continuation of CHIN 2215. It is designed to further develop students' reading, writing, and speaking skills at the intermediate level. Students will learn another 300 Chinese words/phrases and further grammatical concepts. Through reading relevant materials, students will gain more social and cultural knowledge of China, develop their appreciation for Chinese language and literature, and enhance their Chinese literacy level. Students are also expected to develop more sophisticated skills of composition, such as writing analytically. Chinese films will be introduced to provide students with current images and scenes of China. This course will lay a solid foundation for students who want to learn Chinese at the advanced level.

Students must be able to use all the basic sentence patterns in modern Chinese and to read, write, and use approximately 2000 Chinese words and phrases. Students who have not completed CHIN 2215 should consult with an instructor of Chinese before registering in this course.

Students who have completed grade four or equivalent in a Chinese-speaking country/area and/or who have completed an intermediate-level course(s) in Chinese as a second language that is more advanced than CHIN 2215 are not normally permitted to register in CHIN 2217.

Prerequisite(s): A minimum "C-" grade in CHIN 2215 or demonstrated equivalent competency.

CHIN 2221 (3 CREDITS) (3:0:1)

Mandarin Conversation I

Designed for students with basic reading and writing skills in Chinese language but who speak only a dialect such as Cantonese. Through a set of practical situations, this course heavily emphasizes the Mandarin phonetic system, listening comprehension, and oral expressions.

Students will receive credit for only one of CHIN 1125 or 2221.

CHIN 2223 (3 CREDITS) (3:0:1)

Mandarin Conversation II

This course is designed for students to further develop Mandarin speaking skills, particularly aural comprehension and oral fluency.

Students will receive credit for only one of CHIN 1225 or 2223.

CHIN 3311 (3 CREDITS) (3:1:0)

Advanced Chinese Grammar

Through theory and practice, students develop skills in mastering and applying Chinese at an advanced level. Students focus on the Chinese phonetic system, the writing system, vocabulary, grammatical terms for words and phrases, sentence components, sentence patterns, and punctuation marks. This course is designed for students who are fluent in Mandarin or one of the Chinese dialects, and who can read and write Chinese comfortably at an intermediate level (e.g. students who completed elementary school or higher in China or Taiwan).

Prerequisite(s): Before registering in this course, a student should have completed a second-year college Chinese course or equivalent, e.g. completion of six years of elementary school or more in China or Taiwan, and know about 2000 Chinese characters.

CHIN 3331 (3 CREDITS) (4:0:0)

Introduction to Classical Chinese I

Chinese 3331 is part one of an introduction to classical Chinese. It is designed for students who are fluent in Mandarin Chinese or one of the Chinese dialects and who can read and write Chinese comfortably at an intermediate level, e.g. completion of elementary school or higher in China or Taiwan. After a brief introduction to the history timeline of China, students will start examining a selection of early works of literature and philosophy ranging from ca. 1000 BC to 100 BC. Basic grammar of ancient Chinese writing will be explained; a group of commonly used words will be compared with their counterparts in modern Chinese. At the end of this course, students will have gained a general idea of the early development of Chinese poetry and other literary forms, as well as a deeper understanding of Confucianism and Taoism. They will be expected to understand and use some of the ancient vocabulary, as well as to appreciate the beauty and the wisdom of a number of Classical Chinese works.

Prerequisite(s): Before registering in this course, a student should have completed a second-year college Chinese course or equivalent, e.g. completion of six years of elementary school or more in China or Taiwan, and know about 2000 Chinese characters.

CHIN 3333 (3 CREDITS) (4:0:0)

Introduction to Classical Chinese II

Chinese 3333 is part two of an introduction to classical Chinese. It is designed for students who are fluent in Mandarin Chinese or one of the Chinese dialects and who can read and write Chinese comfortably at an intermediate level, e.g. completion of elementary school or higher in China or Taiwan. In this course, students will first study a selection of ancient poetic and prose works from the Han, Tang, and Song dynasties (ca. 200 BC - 1200 AD). They will then be introduced to the dramas and novels of later centuries (ca. 1300 - 1800 AD). More grammatical analysis and comparisons will be done between the ancient and the modern languages. At the end of this course, students will have gained a general idea of the whole development of Chinese history and literature. They will be expected to understand and appreciate a number of ancient works, as well as to be able to use their knowledge to create some simple works of their own in classical style.

Prerequisite(s): Students who have not completed CHIN 3331 should consult an instructor of Chinese before registering in this course. Students should have already completed at least a second-year college Chinese course or equivalent, e.g. completion of six years of elementary school or more in China or Taiwan, and know about 2000 Chinese characters.

CHIN 3381 (3 CREDITS) (3:1:0)

Chinese Literature in 20th Century I

This course is designed to introduce students to modern Chinese literature from the May 4th Movement in 1919 to 1949, when the People's Republic of China was established. It will also introduce students to basic literary theories and guide them to appreciate the most famous modern Chinese fiction, prose, and poetry in an analytical perspective. The learning process helps students to explore literature and to deepen its appreciation.

Prerequisite(s): Before registering in this course, a student should have completed a second-year college Chinese course or equivalent, e.g. completion of six years of elementary school or more in China or Taiwan, and know about 2000 Chinese characters.

CHIN 3383 (3 CREDITS) (3:1:0)

Chinese Literature in 20th Century II

This course is designed to introduce students to modern Chinese literature from 1949, when the People's Republic of China was established, to the end of the 20th century. It will also introduce students to literary theories and guide them to appreciate the most famous modern Chinese fiction, prose, and poetry in an analytical perspective. The learning process helps students to explore literature and to deepen its appreciation.

Prerequisite(s): Before registering in this course, a student should have completed a second-year college Chinese course or equivalent, e.g. completion of six years of elementary school or more in China or Taiwan, and know about 2000 Chinese characters.

Classical Studies (CLST)

CLST 1102 (3 CREDITS) (4:0:0)

Women in Antiquity

An overview of women in Greece and Rome, based primarily on literary texts. The images of women in these texts will be studied and compared to reality as we know it from other sources. For related courses, see CLST 1110, 1120, HIST 2210, and 2211.

CLST 1105 (0 CREDITS) (3:0:0)

Lecture Series

This is a non-credit, non-fee course consisting of a series of lectures on themes from Greek and Roman civilization. Required course for students wanting a Diploma or Associate Degree in Classical Studies.

CLST 1110 (3 CREDITS) (3:1:0)

Introduction to Greek Civilization

An introduction to the golden age of Athens, with an emphasis on history and society, literature, philosophy, art, and archaeology.

For related courses see: CLST 1102, 1120, 2230, and HIST 2210.

CLST 1120 (3 CREDITS) (3:1:0)

Introduction to Roman Civilization

An introduction to the events of the golden age of Rome, at the end of the Republic and the beginning of the Empire, with an emphasis on the history and society, literature, philosophy, art, and archaeology.

For related courses see: CLST 1102, 1110, 2230, and HIST 2211.

CLST 1125 (3 CREDITS) (4:0:0)

Food and Drink in the Ancient Greek and Roman World

Students are introduced to the food and drink, and the related social and cultural aspects in ancient Greek and Roman society, through the examination of historical, literary, and archaeological evidence. They explore topics such as agricultural production, available foods, trade, preparation and service, and cultural meanings.

Students will receive credit for only one of CLST 1125 or the Fall Semester 2016 offering of HIST 1195.

CLST 2230 (3 CREDITS) (3:0:1)

Alexander and the Hellenistic World

An overview of the history and culture of the Hellenistic world, from the conquests of Alexander the Great to the death of Cleopatra VII of Egypt. Topics will include the empire of Alexander and the successor states, the cultural achievements of the Hellenistic world, and the interaction between Greek and non-Greek in this expanded world.

Prerequisite(s): At least one course in one of the following disciplines: classical studies, history, art history, or philosophy; or permission of the instructor or classical studies coordinator.

CLST 2276 (3 CREDITS) (3:1:0)

Greek and Roman Art and Archaeology

A study of Greek painting, sculpture, and architecture from the Minoan to the Hellenistic period, and an examination of Roman art from the Etruscan age to the Roman Imperial period. Emphasis is placed on the Greek Classical period and the Roman empire. Archaeological evidence will be studied in the context of the political, economic and social developments of the periods. Course content will include the history, principles, aims, and techniques of Classical Archaeology, and the relationship of the archaeological evidence to the literary and other sources.

Prerequisite(s): At least one course in art history, classical studies, anthropology, or history; or permission of instructor or classical studies coordinator.

Communications (CMNS)

PREREQUISITES

LET LEVEL	LPI EQUIVALENT
LET 0	LPI 0
LET 1	LPI Less than 24 on the essay
LET 2	LPI 24 or 25 on the essay
LET N02	No LPI Equivalent
LET 3	LPI 26 on the essay with one of the following: • 5/10 or higher in sentence structure; or • 5/10 or higher in English usage; or • 10/20 or higher in reading comprehension.
LET 4	LPI 26 on the essay with minimum: • 5/10 in sentence structure; and • 5/10 in English usage; and • 10/20 in reading comprehension.
LET 5	LPI 30 on the essay with minimum: • 5/10 in sentence structure; and • 5/10 in English usage; and • 10/20 in reading comprehension.

DIAGNOSTIC TESTS

Students planning to enrol in a first-semester communications course must take the Langara English Test (LET) or Language Proficiency Index Test (LPI) prior to the semester in which they want to register. Students who have English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent with an 80% are not required to write the LET or LPI.

Note

The following courses are designed for students in Langara's career programs.

CMNS 1107 (3 CREDITS) (3:1:0)
Writing and Professional Communication I
This course prepares students to communicate effectively in a wide variety of situations, including business correspondence, persuasive material, and tone-sensitive messages. Students will learn to write grammatically correct sentences, clearly organize their ideas, and develop a professional writing style. Students will demonstrate these skills through informative and persuasive written assignments and activities. This course does not carry transfer credit, nor may it be used towards a Langara College credential.

CMNS 1114 (3 CREDITS) (3:1:0)
Professional Communications in a Canadian Context
Good writing is crucial for success in the Canadian workplace. Students are introduced to best practices of grammar and language use, tone and style, and professional document formats for the workplace, including memos, letters, email messages, and career packages. An intensive focus on sentence-level grammar and syntax will help students to develop their ability to write clearly in an organized, precise, and effective manner. This course is intended for students who need to upgrade their written English skills and who do not intend to take university-transferable ENGL courses. This course does not provide prerequisites for university-transferable ENGL or CMNS courses, and can be used to fulfill English requirements only of the Diploma in General Education. Students with LET 3 or equivalent and/or who have received credit for CMNS 1118 may be dropped from this course.

Prerequisite(s): One of the following: LET 2 (or LPI equivalent); a minimum 50% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; or IELTS 6.5 or equivalent.

CMNS 1115 (3 CREDITS) (4:0:0)
Interpersonal Communications
Interpersonal communications theory put into practice in exercises, group and individual projects that cover small group dynamics, interviews, and oral presentations.

Prerequisite(s): One of the following: LET 2; LETN 02; a minimum 50% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; IELTS 6.5 or equivalent.

CMNS 1118 (3 CREDITS) (4:0:0)
Written Communications
Training in writing skills, with emphasis on business writing in a career context. Writing projects include: memos, letters, reports, resumés, and employment correspondence.

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

CMNS 1122 (3 CREDITS) (3:1:0)
Communications for Creative Professionals
Succeeding in the creative arts industries requires strong professional and interpersonal communication skills. Students prepare to be successful creative professionals by learning how to promote themselves and their work to potential clients, how to give meaningful feedback on others' work, and how to work effectively on a team. Students practice a variety of strategies for interpersonal, oral, and written communication, including conveying confident body language, demonstrating dynamic presentation skills, and using persuasive writing techniques.

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

CMNS 2228 (3 CREDITS) (3:0:1)
Advanced Written Communications
Students in CMNS 2228 will learn advanced written communication skills, including both business and technical writing. Students will learn and practice advanced editing skills and writing for the web.

Prerequisite(s): A minimum "C-" grade in one of the following: CMNS 1118, ENGL 1123, 1127, or 1140; or permission of the English department.

CMNS 4800 (3 CREDITS) (3:1:0)
Communications for Technical Professions
Formerly CMNS 4810 and WMDD 4860
Succeeding in today's industries requires strong professional and interpersonal communication skills. Students are introduced to fundamental principles of communications including audience analysis, purpose identification, and elements of tone and style. Students prepare to be successful professionals by learning how to promote themselves, how to give meaningful feedback on others' work, and how to work effectively on a team. Students practice a variety of strategies for interpersonal, oral, and written communication, including conveying confident body language, demonstrating dynamic presentation skills, and using persuasive writing techniques.

Students will receive credit for only one of CMNS 4800, 4810, or WMDD 4860.

Registration in this course is restricted to students admitted to the Post-Degree Diploma or Certificate in Data Analytics, or Post-Degree Diploma in Web and Mobile App Design and Development.

CMNS 4810 (3 CREDITS) (3:1:0)
Communications for Data Professions
Communication skills are essential to clearly express complex ideas and information to a variety of audiences. Students learn to present and explain technical procedures and analysis findings verbally and in writing, adapting their work to different audiences while maintaining professionalism in format, tone, and style. In addition, students work individually and in groups, and provide each other with constructive feedback.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics.

Prerequisite(s): One of the following: LET 3 (or LPI equivalent); a minimum 80% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

Computer Science (CPSC)

PREREQUISITES

Prerequisites for courses in computer science are valid for only three years. Students wanting to register in a course for which the prerequisite was taken more than three years ago will require departmental permission. Students may be required to write a diagnostic test or to "upgrade" the prerequisite. A computer science course may only be used as a prerequisite if completed with a minimum "C" grade.

REPEATING A COURSE

A computer science course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, usually on the basis of documented evidence of upgraded prerequisites.

Students with a substantial background in computer programming may be exempted from CPSC 1050 and/or 1150. See a faculty advisor for further information.

ATTENDANCE

Students will receive a failing mark if they miss 20% of the course components including lectures, seminars, and labs, unless there is verifiable evidence of an acceptable excuse.

GRADING

1. In order to get a minimum "C" grade in a computer science course, a student must achieve a minimum 50% average in the exam components of the course.
2. In courses which involve programming, students are required to hand in an attempt at solving every assignment in order to pass a course. In addition, students are required to obtain a satisfactory programming mark.

CPSC 1030 (3 CREDITS) (4:0:2)

Web Development I

Students will examine the structure of the internet and the World Wide Web and how they work; design and implement professional interactive websites using styles in CSS. Topics include design principles, image manipulation, and simple CGI scripting. Explore innovative trends that use the internet as a computing platform.

Prerequisite(s): None; basic computer literacy is recommended.

CPSC 1040 (3 CREDITS) (4:0:2)

Introduction to Program Design

Programming helps people understand problems and create logical solutions that drive modern technologies. In this course, students explore how to think like a problem-solver using Python, a language known for its clarity and simplicity. They learn to plan and test step-by-step solutions, write basic code, and see how small pieces combine to make a working program. Through guided examples and practice, students build confidence, logical thinking, and creativity in turning ideas into digital solutions.

Prerequisite(s): None; basic computer literacy is recommended.

CPSC 1045 (3 CREDITS) (4:0:2)

Introduction to Web Programming

Introduction to programming with a modern programming language (e.g. JavaScript) in a web-based environment. Program development skills including: analyzing a problem to make it amenable to programming; writing structured, modularized programs; program documentation; interacting with the computer operating system; event driven programming for client-side web applications.

Prerequisite(s): None; basic computer literacy is recommended.

CPSC 1050 (3 CREDITS) (4:0:2)

Introduction to Computer Science

Offers a broad overview of the computer science discipline. Provides students with an appreciation for and an understanding of the many different aspects of the discipline. Topics include information and data representation; introduction to computer hardware and programming; networks; applications (e.g. spreadsheet, database); social networking; ethics; and history. Intended for both students expecting to continue in computer science as well as for those taking it for general interest.

CPSC 1090 (3 CREDITS) (4:0:2)

Engineering Graphics

Orthographic projection, technical sketching, development of the ability to visualize in three dimensions. Standards and conventions of engineering drawing, graphical representation of engineering data. Introduction to computer-aided drawing (CAD). Vector graphics. Engineering geometry in solving 3-D space problems.

Students will receive credit for only one of CPSC 1090 or 1091.

Priority registration in this course is offered to students admitted to the Certificate in Arts and Science (Engineering).

Prerequisite(s): A minimum "B" grade in Precalculus 12 or equivalent, or a minimum "C+" grade in Precalculus 12 and a minimum "C-" grade in Calculus 12 or a minimum "C+" grade in MATH 1170 or a minimum 90 on the Mathematics Diagnostic Test and a minimum "B" grade in Principles of Physics 12 or a minimum "B+" grade in PHYS 1118. Prerequisites are valid for only three years.

CPSC 1091 (3 CREDITS) (2:0:2)

Engineering Design and Drafting

Formerly CPSC 1090

Amongst the many skills required of engineers is the ability to clearly communicate their designs and engineering analyses using both verbal and graphical languages. In this project-based course, students explore the engineering design process and develop their ability to use engineering communication tools. Working in teams, they examine the technical background of a well-defined problem and use engineering drawing and CAD to design potential solutions. Through this process, students experience professional responsibility and develop their writing and presentation skills.

Students will receive credit for only one of CPSC 1090 or 1091.

Priority registration in this course is offered to students admitted to the Diploma in Applied Science for Engineering and the Certificate in Arts and Science (Engineering).

Prerequisite(s): One of the following: a minimum "B" grade in Precalculus 12 (or equivalent), a minimum "C+" grade in Precalculus 12 (or equivalent) and a minimum "C-" grade in Calculus 12, a minimum "C+" grade in MATH 1170, or a minimum 90 on the Mathematics Diagnostic Test; and a minimum "B" grade in Physics 12, or a minimum "B-" grade in PHYS 1118. Prerequisites are valid for only three years.

CPSC 1150 (3 CREDITS) (4:0:2)

Program Design

Program design entails building and implementing an algorithm in a programming language (such as Java) using good software development principles. Students develop problem-solving techniques while learning the basics of algorithm development, procedural abstraction, and data representation.

Students will receive credit for only one of CPSC 1150 or 1155.

Prerequisite(s): One of the following: MDT 85; a minimum "B" grade in Precalculus 12; a minimum "C-" grade in MATH 1171, 1173/1183, 1174, or 1175; a minimum "C" grade in CPSC 1040 or 1045; or a minimum "B" grade in CPSC 1050. Prerequisites are valid for only three years.

CPSC 1155 (3 CREDITS) (4:0:2)

Program Design for Engineers

This course concentrates on the key elements of good programming and C++ using a multitude of interesting and appropriate engineering and scientific examples. It covers the features of C++ needed for writing engineering programs including procedural abstraction using functions. The course also presents fundamentals of numerical methods that represent commonly used techniques for solving engineering and scientific problems.

Students will receive credit for only one of CPSC 1150 or 1155.

Prerequisite(s): One of the following: MDT 85; a minimum "B" grade in Precalculus 12; a minimum "C-" grade in MATH 1171, 1173/1183, 1174, or 1175; a minimum "C" grade in CPSC 1040 or 1045; or a minimum "B" grade in CPSC 1050. Prerequisites are valid for only three years.

CPSC 1160 (3 CREDITS) (4:0:2)

Algorithms and Data Structures I

Students focus on practicing and developing programing skills. Students implement algorithms along with appropriate data structures to produce good software. Students apply recursion, abstract data types, algorithm analysis, sorting and searching algorithms, pointers, arrays, dynamic memory management, linked lists, stacks, and queues. Students also learn about low-level data representations and systematic software development. As a tool, object-oriented programming is introduced.

Prerequisite(s): A minimum "C" grade in CPSC 1150 or 1155; and one of the following: a minimum "B" grade in Precalculus 12; a minimum "C" grade in MATH 1170, 1171, 1173, 1174, or 1175; a minimum "C+" grade in Precalculus 12 and a minimum "C-" grade in Calculus 12; or MDT 85. Prerequisites are valid for only three years.

CPSC 1181 (3 CREDITS) (4:0:2)

Object-oriented Computing

Object-oriented programming (OOP) is a paradigm to design and develop software based on the concept of objects. Students are introduced to the fundamental concepts of programming from an object-oriented (OO) perspective: abstraction; objects; classes and class hierarchies; methods; encapsulation and information hiding; inheritance; polymorphism. Students learn and practice the application of OO design with modeling tools (e.g. class diagrams), container/collection classes, event-driven programming, exception handling, GUI, multi-threading, and networking. The focus is placed on good software engineering principles using a language that supports the OO paradigm.

Prerequisite(s): A minimum "C" grade in CPSC 1150 or 1155; or permission of department. Prerequisites are valid for only three years.

CPSC 1280 (3 CREDITS) (4:0:2)

Unix Tools and Scripting

Introduction to concepts and practices in operating systems, software engineering tools, system, and network administration. Scripting languages, utilities, tools, and techniques. Topics include command line interface, filters, pipelines, file organization, reusable utilities, software configuration management, simplifying programming tasks, System/Network configuration, administration, and security issues.

Prerequisite(s): A minimum "C" grade in CPSC 1150 or 1155; or permission of department. Prerequisites are valid for only three years.

CPSC 1401 (3 CREDITS) (4:0:2)

Introduction to Computer Electronics

Includes a thorough, comprehensive, and practical coverage of basic electrical and electronic concepts and circuits with special emphasis on trouble shooting and applications in computer systems. Students are expected to have a knowledge of elementary calculus and basic physics.

Prerequisite(s): Physics 12 or a minimum "C" grade in PHYS 1118; or permission of the department. Prerequisites are valid for only three years.

CPSC 1480 (3 CREDITS) (4:0:2)

Networking

A hands-on introduction to designing, installing and supporting computer networks including network standards, protocols, topologies, networking hardware, and network operating systems. Enterprise-wide deployment of computing resources using client/server architecture. Administration of networking operating system facilities. Upon successful completion, students should have the foundation to challenge the CompTIA Network+ certification test.

Prerequisite(s): None; CSIS 1410 is recommended.

CPSC 1490 (3 CREDITS) (2:0:2)

Applications of Microcontrollers

A systems level microcontroller case study and project course that explores the design of embedded microcontroller systems as solutions to a set of practical problems. Course activities start with specific case studies and labs that apply scientific principles and technical knowledge. Activities then evolve to student-led and student driven team collaborative projects with specific practical goals under instructor mentorship. Projects will require teams to document and present their project design solutions to the entire class and to be able to illustrate key aspects of their solution using projected slides, engineering graphics, and live demonstrations.

Students will receive credit for only one of CPSC 1490 or 1491.

Priority registration in this course is offered to students admitted to the Certificate in Arts and Science (Engineering).

Prerequisite(s): A minimum "C" grade in CPSC 1150 or 1155. Prerequisites are valid for only three years.

CPSC 1491 (3 CREDITS) (2:0:2)

Control Systems and Sustainable Engineering Design

Formerly CPSC 1490

The design of engineering systems strives to integrate mechanical, electronic, and computer technologies in order to create optimal products. Students expand on their understanding of engineering design and explore the design of systems comprising of electrical, mechanical, and software subsystems. They apply scientific principles and technical knowledge in student-led and student-driven team collaborative projects with specific practical goals. Projects require teams to document and present their project design solutions and to illustrate key aspects of their solution using projected slides, engineering graphics, and live demonstrations. Students also learn the concept of sustainability and its impact on engineering design as well as engineering ethical practices.

Students will receive credit for only one of CPSC 1490 or 1491.

Priority registration in this course is offered to students admitted to the Diploma in Applied Science for Engineering and Certificate in Arts and Science (Engineering).

Prerequisite(s): A minimum "C" grade in CPSC 1150 or 1155. CPSC 1091 is recommended. Prerequisites are valid for only three years.

CPSC 2030 (3 CREDITS) (4:0:2)

Web Development II

Intermediate website design and development covering information architecture, accessibility, and usability. Includes advanced CSS, basic programming (client-side and server-side scripting), the Document Object Model (DOM), handling form data, and designing for mobile devices. Students will design and implement a moderately complex website as a class project.

Prerequisite(s): A minimum "C" grade in CPSC 1030 and one of the following: CPSC 1045 (preferred), 1040, 1150, or 1155. Prerequisites are valid for only three years.

CPSC 2130 (3 CREDITS) (4:0:2)

Multimedia and Animation

Presents the core multimedia technologies and standards including text, audio, video, graphics, 2D and 3D modeling, and animation. Standard algorithms, tools, and techniques for manipulating multimedia objects. Use of multimedia scripting languages and authoring environments. Students will design and implement a multimedia project.

Prerequisite(s): A minimum "C" grade in one of the following: CPSC 1040, 1045, 1150, or 1155; or permission of the department. CPSC 1030 is recommended. Prerequisites are valid for only three years.

CPSC 2150 (3 CREDITS) (4:0:2)

Algorithms and Data Structures II

Students build on the foundational concepts learned in CPSC 1160 and expand their skills to include non-linear data structures and hashing. Topics include algorithm analysis, non-comparative sorting, algorithmic paradigms (divide and conquer, greedy, heuristic, backtracking, and dynamic programming), binary search trees, balanced trees, tree traversals, priority queues and heaps, Huffman codes, graphs, and graph algorithms. Students implement solutions using an object-oriented programming language.

Prerequisite(s): A minimum "C" grade in CPSC 1160; or permission of department. CPSC 1181 is recommended. Prerequisites are valid for only three years.

CPSC 2180 (3 CREDITS) (4:0:2)

Computing Architecture

Fundamental concepts of computing and computer architecture. Topics include: solvability of problems using a computer, universal computers, virtual machines, number representation in a computer, memory organization and addressing schemes, internal representation of data, assembly language, interfaces, and operating systems issues.

Prerequisite(s): A minimum "C" grade in CPSC 1160 or 1181; or permission of department. Prerequisites are valid for only three years.

CPSC 2190 (3 CREDITS) (4:0:2)

Theoretical Foundations of Computer Science

Covers sets and propositions; relations and functions; permutations, combinations and counting; induction proofs; graphs, trees and networks; Boolean algebra and mathematical models; application of theoretical concepts to program development.

Prerequisite(s): A minimum "C" grade in CPSC 1150 or 1155; and one of the following: a minimum "B" grade in Precalculus 12; a minimum "C" grade in MATH 1170, 1171, 1173, or 1174; a minimum "C+" grade in Precalculus 12 and a minimum "C-" grade in Calculus 12; or MDT 85. Prerequisites are valid for only three years.

CPSC 2211 (3 CREDITS) (4:0:2)

Human-Computer Interaction

Introduces students to the art and science of Human-Computer Interaction (HCI). Fundamental theory and practice of the design, implementation and evaluation of HCI with the focus on effective user interface design for typical applications software. It emphasizes user-centered approach throughout development, presenting current design approaches and tools.

Prerequisite(s): A minimum "C" grade in CPSC 1160 and 1181; or permission of the department. (CPSC 2150 recommended.) Prerequisites are valid for only three years.

CPSC 2221 (3 CREDITS) (4:0:2)

Data Base Systems

A comprehensive introduction to theory and practice of designing and building databases and applications using database management systems. The relational model, relational algebra, SQL (the standard language for creating, querying, and modifying relational databases), UML or E/R approach to database design, as well as relational design principles based on functional dependencies and normal forms. Other topics include indexes, views, transactions, integrity constraints, and triggers. Students will design and implement a relational database for an enterprise as a major project using programming tools widely used in industry (e.g. Oracle).

Students will receive credit for only one of CPSC 1220 or 2221.

Prerequisite(s): A minimum "C" grade in one of the following: CPSC 1040, 1045, 1150, or 1155. Prerequisites are valid for only three years.

CPSC 2261 (3 CREDITS) (4:0:2)

Web Technology

Offers an intermediate to advanced practical treatment of the architecture of web-based information systems. Topics include protocols; the role of clients, servers, gateways, and proxies; document markup languages; client and server side programming/scripting; database integration; server administration and security; and applications (such as e-commerce).

Students will receive credit for only one of CPSC 2261 or 2600.

Prerequisite(s): A minimum "C" grade in CPSC 1150 or 1155, and a minimum "C" grade in CPSC 1030 or 1280; or permission of the department. Prerequisites are valid for only three years.

CPSC 2280 (3 CREDITS) (4:0:2)

Operating Systems

Covers the theory and application interface of operating systems including a basic introduction to distributed systems; process scheduling and management; memory management; file systems; I/O services; driver architecture; virtualization; operating system management and security. Labs focus on the application interface to these system services including multi-threaded and client/server applications using the UNIX operating system. Case studies to explore other modern operating systems such as Windows, and Linux, and microkernal architectures, such as Mach.

Prerequisite(s): A minimum "C" grade in CPSC 1280 and 2150; or permission of the department. Prerequisites are valid for only three years.

CPSC 2350 (3 CREDITS) (4:0:2)

Software Practices

Students learn how to apply software development best practices to create the right product (validated), done right (verified), and managed right (through responsive and responsible process). They will learn the "what", "how", and "why" of agile practices, and the consequences for not following them, while working through the Software Development Life Cycle (SDLC) on multi-developer projects.

Students will receive credit for only one of CPSC 2301, 2350, or CSIS 2302.

Priority registration in this course is offered to students admitted to the Citation in Full Stack Web Development.

Prerequisite(s): A minimum "C" grade in CPSC 1030 and 1045. Prerequisites are valid for only three years.

CPSC 2600 (3 CREDITS) (4:0:2)

Full Stack Web Development I

Students explore web application development concepts and practices, including common full-stack architectures, server-side scripting languages and frameworks, and databases. Students learn the basics of server side-scripting and build a basic web application using contemporary languages, libraries, and frameworks.

Students will receive credit for only one of CPSC 2261 or 2600.

Priority registration in this course is offered to students admitted to the Citation in Full Stack Web Development.

Prerequisite(s): A minimum "C" grade in CPSC 1030 and 1045. Prerequisites are valid for only three years.

CPSC 2650 (3 CREDITS) (4:0:2)

Full Stack Web Development II

Building on the knowledge and skills learned in Full Stack Web Development I, students explore intermediate web application development practices, including security and authentication, third-party APIs, web accessibility, advanced UI design techniques, contemporary front-end architectures and frameworks, and hosting and deployment. Students build and deploy a moderately-complex web application.

Priority registration in this course is offered to students admitted to the Citation in Full Stack Web Development.

Prerequisite(s): A minimum "C" grade in CPSC 2350 and 2600. Prerequisites are valid for only three years.

CPSC 2810 (3 CREDITS) (4:0:2)

Computer and Information Security

An introduction to the policies, mechanisms, and implementations of computer security. Provides an understanding of threats, including script kiddies; covert channels; and malicious logic such as viruses, worms, time bombs, and trap doors. Students will learn how attacks work, how to defend against attacks, and how to design and administer secure systems and networks.

Prerequisite(s): A minimum "C" grade in CPSC 1160 or 1181, and 1280. Prerequisites are valid for only three years.

CPSC 3260 (4 CREDITS) (4:0:2)

Data Transformations

When working with big data, we need to integrate heterogeneous data from a variety of sources and in a variety of formats to provide workable homogeneous data sets for further analysis or processing. Students write programs using a scripting language to extract, transform, merge, and clean data to generate datasets that can be loaded into an appropriate analysis or visualization tool. In a command line environment, students write programs using common libraries and toolkits. They create efficient and effective web APIs and services for transformed data to meet the requirements of given tasks.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Students will receive credit for only one of CPSC 3260 or 4810.

Prerequisite(s): A minimum "C" grade in CPSC 2221; and CPSC 1160, 1181, or 1280. Prerequisites are valid for only three years.

CPSC 3280 (4 CREDITS) (4:0:2)

Cloud and Parallel Computing

Students examine the hardware and software components necessary to create an infrastructure capable of supporting informatics studies. Topics include CPU architectures that permit parallelism, CPU clusters, cloud computing and virtualization, and methods of effectively distributing data while keeping it secure and private. Students use a variety of distributed CPU operating systems to explore parallelism techniques.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): A minimum "C" grade in two of: CPSC 1160, 1181, or 1280. Prerequisites are valid for only three years.

CPSC 4160 (4 CREDITS) (4:0:2)

Data Mining and Machine Learning

Once data has been gathered, it must be cleaned, processed, and analyzed in order to find the most appropriate model to answer bioinformatics questions. Using case studies from biological data, health records and textual analysis, students learn concepts and techniques of data mining and machine learning. They use a variety of classification, regression, and clustering algorithms to extract frequent patterns and outliers within the data.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Students will receive credit for only one of CPSC 4160 or 4830.

Prerequisite(s): A minimum "C" grade in all of the following: CPSC 2150, 3260, MATH 1252, and STAT 3225. Prerequisites are valid for only three years.

CPSC 4260 (4 CREDITS) (4:0:2)

Data Visualization

Bioinformaticians uncover trends and patterns in data by creating and using effective visual formats. Students master techniques for effectively communicating both qualitative and quantitative data in tables, charts, infographics, and interactive elements. They learn the role and importance of colour theory, visual perception and cognition, design principles, and storytelling in the development of appropriate data visualizations.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Students will receive credit for only one of CPSC 4260 or 4820.

Prerequisite(s): A minimum "C" grade in CPSC 4160. Prerequisites are valid for only three years.

CPSC 4800 (3 CREDITS) (2:0:2)

Computing for Data Analytics

Computers provide the power and platform for any significant work in data analytics. Students learn about an organization's information systems and business processes as well as its multiple data sources. Students issue database commands to examine the data's structure and organization and retrieve appropriate sized datasets. Students also learn programming using the Python programming language.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics and Post-Degree Certificate in Data Analytics.

CPSC 4810 (4 CREDITS) (3:0:3)

Transformations for Data Analytics

Data analysts need to integrate heterogeneous data from a variety of sources and in a variety of formats to provide workable homogeneous data sets for further analysis or processing. Students write programs using a scripting language to extract, transform, merge, and clean data to generate datasets that can be loaded into an appropriate analysis or visualization tool.

Students will receive credit for only one of CPSC 3260 or 4810.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics and Post-Degree Certificate in Data Analytics.

Prerequisite(s): A minimum "C" grade in CPSC 4800. Prerequisites are valid for only three years.

CPSC 4820 (3 CREDITS) (2:0:2)

Visualization for Data Analytics

Data analysts uncover trends and patterns in data by creating and using effective visual formats. Students learn techniques for effectively communicating both qualitative and quantitative data in tables, charts, infographics, and interactive elements. They learn the role and importance of colour theory, visual perception, and cognition, as well as design principles in the development of appropriate data visualizations.

Students will receive credit for only one of CPSC 4260 or 4820.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics and Post-Degree Certificate in Data Analytics.

Prerequisite(s): A minimum "C" grade in CPSC 4800 and DANA 4800. Prerequisites are valid for only three years.

CPSC 4830 (3 CREDITS) (2:0:2)

Data Mining for Data Analytics

Once data has been gathered, it must be cleaned, processed, and analyzed in order to find the most appropriate model to describe the underlying data. Using text classification and anomaly detection, students identify and implement the phases of a data mining process to mine and extract frequent pattern and outliers within data.

Students will receive credit for only one of CPSC 4160 or 4830.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics.

Prerequisite(s): A minimum "C" grade in CPSC 4810 or 4820; and DANA 4810 and 4820. Prerequisites are valid for only three years.

Computing Science & Information Systems (CSIS)

CSIS 1300 (3 CREDITS) (4:0:0)

Systems Analysis & Design

An introduction to the basic skills and techniques of systems analysis. Emphasis is placed on the role of the systems analyst in an organization and the involvement of people in the overall process. In addition, the following topics are covered: project life cycle; structured, object-oriented and agile methodologies; charting techniques; forms design; coding methods; observation; and interview techniques. Students will also complete the design of a small business application.

Students will receive credit for only one of CISY 1115 or CSIS 1300.

CSIS 1310 (3 CREDITS) (4:0:0)

Business Systems

Provides an understanding of applications commonly encountered in business. Emphasis is placed on the system design considerations, files, programs, procedures, and controls required to computerize systems such as order entry, billing, accounts receivable, purchasing, accounts payable, payroll, general ledger, inventory management, forecasting, and control. Students complete a project to analyze information systems problems and develop recommendations for solutions.

Students will receive credit for only one of CISY 1215 or CSIS 1310.

Prerequisite(s): A minimum "C-" grade in CSIS 1300 or permission of the department. Prerequisites are only valid for three years.

CSIS 1410 (3 CREDITS) (4:0:2)

Fundamentals of Microcomputers

Installing and maintaining hardware and software on Intel-based computers including computer organization and architecture, hardware and system software installation, maintenance, and troubleshooting. Upon successful completion, students should have the foundation to challenge the CompTIA A+ certification test.

Students will receive credit for only one of CISY 1117 or CSIS 1410.

Prerequisite(s): None; basic computer literacy is recommended.

CSIS 2302 (3 CREDITS) (4:0:2)

Project Management

The application of knowledge, skills, tools, and techniques to project activities to meet project requirements in an enterprise. A best practices approach to understanding project life cycles, project processes, integration, scope, people issues, and procurement management. Software engineering principles, methodologies, standards, quality assurance including verification and validation, design, and development tools. Students will undertake a comprehensive team software development project with emphasis on issues such as system functionality, flexibility, maintainability, risk management, time and resource constraints, and documentation.

Students will receive credit for only one of CPSC 2301, 2350, or CSIS 2302.

Prerequisite(s): A minimum "C" grade in CSIS 1310 and CPSC 2221; or permission of department. Prerequisites are only valid for three years.

CSIS 2500 (3 CREDITS) (4:0:0)

Management Information Systems

Explores the many ways technology assists organizations to function and to understand the effects of information systems on organization structure, management, and employees. Emphasis will be placed on the use of the internet in a network enterprise.

Students will receive credit for only one of BCAP 1237, 3200, 4820, CISY 2415, or CSIS 2500.

Prerequisite(s): A minimum of 30 credits, including a minimum "C" grade in three credits of university-transferable English or communications. It is recommended that students have any one, or more, of the following courses: CSIS 1300, BCAP 1200, or any first-year CPSC course. Prerequisites are only valid for three years.

Co-operative Education (COOP)

COOP 2301 (3 CREDITS) (0:0:22.5)

Co-operative Work Placement I

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of full-time work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Co-operative education courses cannot be used to meet elective requirements.

Students will only receive credit for COOP 2301, or 2302 and 2303.

Prerequisite(s): A minimum "C" grade in BUSM 2300, COOP 2300, or EXPE 2300; a minimum 2.6 GPA; acceptance to the co-operative education option; and confirmed co-op work placement.

COOP 2302 (1.5 CREDITS) (0:16.25:0)

Co-op Work Placement I Part I

COOP 2302 Co-op Work Placement I Part 1 is paired with COOP 2303 Co-op Work Placement I Part 2, and together these two courses are recognized as the equivalent of COOP 2301 (Work Placement I). This course is the first half of a co-op placement taken part-time over two terms.

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation. Successful completion of COOP 2302 requires completion of working hours and assignments. Students registering in COOP 2302 are committing to register in COOP 2303 in the subsequent term in order to receive the equivalent credit to COOP 2301. Graded S/U.

Co-operative education courses cannot be used to meet elective requirements.

Students will only receive credit for COOP 2301, or COOP 2302 and 2303.

Prerequisite(s): A minimum "C" grade in BUSM 1310, 2300, COOP 2300, or EXPE 2300; a minimum 2.6 GPA; acceptance to the co-operative education option; and an approved co-op work placement.

COOP 2303 (1.5 CREDITS) (0:16.25:0)

Co-op Work Placement I Part 2

COOP 2303 Co-op Work Placement I Part 2 is paired with COOP 2302 Co-op Work Placement I Part 1, and together these two courses are recognized as the equivalent of COOP 2301 (Work Placement I). This course is the second half of a co-op placement taken part-time over two terms.

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Successful completion of COOP 2303 requires completion of working hours and assignments, plus successful completion of COOP 2302 the previous term. Students registering in COOP 2302 are committing to register in COOP 2303 in the subsequent term in order to receive the equivalent credit to COOP 2301.

Co-operative education courses cannot be used to meet elective requirements.

Students will only receive credit for COOP 2301, or 2302 and 2303.

Prerequisite(s): A minimum "C" grade in BUSM 1310, BUSM 2300, COOP 2300, or EXPE 2300; a minimum 2.6 GPA; acceptance to the co-operative education option; an approved co-op work placement; and successful completion of COOP 2302.

COOP 2314 (3 CREDITS) (0:0:22.5)

Co-operative Work Extension Performance I

Extended work placement offered by employer. Allows for more in-depth experience, learning, and development of comfort level in workplace. Graded S/U.

Students will receive credit for only one of COOP 2313 or 2314.

Prerequisite(s): A minimum "C-" grade in COOP 2301.

COOP 2501 (3 CREDITS) (0:0:22.5)

Co-operative Work Placement II

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of full-time work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Co-operative education courses cannot be used to meet elective requirements.

Students will receive credit for only one of COOP 2501, or COOP 2502 and 2503.

Prerequisite(s): A minimum "C-" grade in COOP 2301.

COOP 2502 (1.5 CREDITS) (0:16.25:0)

Co-op Work Placement II Part I

COOP 2502 Co-op Work Placement II Part 1 is paired with COOP 2503 Co-op Work Placement II Part 2, and together these two courses are recognized as the equivalent of COOP 2501 (Work Placement II). This course is the first half of a co-op placement taken part-time over two terms.

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Successful completion of COOP 2502 requires completion of working hours and assignments. Students registering in COOP 2502 are committing to register in COOP 2503 in the subsequent term in order to receive the equivalent credit to COOP 2501. Graded S/U.

Co-operative education courses cannot be used to meet elective requirements.

Students will receive credit for only one of COOP 2501, or COOP 2502 and 2503.

Prerequisite(s): Acceptance to the co-op option; approved co-op work placement; and successful completion of COOP 2301 or 2302 and 2303.

COOP 2503 (1.5 CREDITS) (0:16.25:0)

Co-op Work Placement II Part II

COOP 2503 Co-op Work Placement II Part 2 is paired with COOP 2502 Co-op Work Placement II Part 1, and together these two courses are recognized as the equivalent of COOP 2501 (Work Placement II). This course is the second half of a co-op placement taken part-time over two terms.

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Successful completion of COOP 2503 requires completion of working hours and assignments, plus successful completion of COOP 2502 the previous term. Students registering in COOP 2502 are committing to register in COOP 2503 in the subsequent term in order to receive the equivalent credit to COOP 2501.

Co-operative education courses cannot be used to meet elective requirements.

Students will receive credit for only one of COOP 2501, 2502, or 2503.

Prerequisite(s): Acceptance to the co-op option; an approved co-op work placement; successful completion of COOP 2301 or COOP 2302 and 2303; and successful completion of COOP 2502.

COOP 2514 (3 CREDITS) (0:0:22.5)

Co-operative Work Placement Extension Performance II

Extended work placement offered by employer. Allows for more in-depth experience, learning, and development of comfort level in workplace. Graded S/U.

Students will receive credit for only one of COOP 2513 or 2514.

Prerequisite(s): A minimum "C-" grade in COOP 2501.

COOP 3301 (3 CREDITS) (0:0:22.5)

Co-operative Work Placement III

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of full-time work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation. Co-operative education courses cannot be used to meet elective requirements.

Co-operative education courses cannot be used to meet elective requirements.

Students will receive credit for only one of COOP 3301, or 3302 and 3303.

Prerequisite(s): A minimum "C-" grade in COOP 2501.

COOP 3302 (1.5 CREDITS) (0:16.25:0)

Co-op Work Placement III Part I

COOP 3302 Co-op Work Placement III Part 1 is paired with COOP 3303 Co-op Work Placement III Part 2, and together these two courses are recognized as the equivalent of COOP 3301 (Work Placement III). This course is the first half of a co-op placement taken part-time over two terms.

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Successful completion of COOP 3302 requires completion of working hours and assignments. Students registering in COOP 3302 are committing to register in COOP 3303 in the subsequent term in order to receive the equivalent credit to COOP 3301. Graded S/U.

Co-operative education courses cannot be used to meet elective requirements.

Students will only receive credit for COOP 3301, or COOP 3302 and 3303.

Prerequisite(s): Acceptance to the co-op option; an approved co-op work placement; and successful completion of COOP 2501, or COOP 2502 and 2503.

COOP 3303 (1.5 CREDITS) (0:16.25:0)

Co-op Work Placement III Part II

COOP 3303 Co-op Work Placement III Part 2 is paired with COOP 3302 Co-op Work Placement III Part 1, and together these two courses are recognized as the equivalent of COOP 3301 (Work Placement III). This course is the second half of a co-op placement taken part-time over two terms.

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Successful completion of COOP 3303 requires completion of working hours and assignments, plus successful completion of COOP 3302 the previous term. Students registering in COOP 3302 are committing to register in COOP 3303 in the subsequent term in order to receive the equivalent credit to COOP 3301.

Co-operative education courses cannot be used to meet elective requirements.

Students will receive credit for only one of COOP 3301, or 3302 and 3303.

Prerequisite(s): Acceptance to the co-op option; an approved co-op work placement; and successful completion of COOP 2501, or 2502 and 2503.

COOP 4301 (3 CREDITS) (0:0:22.5)

Co-operative Work Placement IV

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-operative work placements consist of full-time work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Co-operative education courses cannot be used to meet elective requirements.

Students will only receive credit for COOP 4301, or 4302 and 4303.

Prerequisite(s): A minimum "C-" grade in COOP 3301.

COOP 4302 (1.5 CREDITS) (0:16.25:0)

Co-op Work Placement IV Part I

COOP 4302 Co-op Work Placement IV Part 1 is paired with COOP 4303 Co-op Work Placement IV Part 2, and together these two courses are recognized as the equivalent of COOP 4301 (Work Placement IV). This course is the first half of a co-op placement taken part-time over two terms.

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Successful completion of COOP 4302 requires completion of working hours and assignments. Students registering in COOP 4302 are committing to register in COOP 4303 in the subsequent term in order to receive the equivalent credit to COOP 4301. Graded S/U.

Co-operative education courses cannot be used to meet elective requirements.

Students will receive credit for only one of COOP 4301, or 4302 and 4303.

Prerequisite(s): Acceptance to the co-op option; approved co-op work placement; successful completion of COOP 3301, or 3302 and 3303.

COOP 4303 (1.5 CREDITS) (0:16.25:0)

Co-op Work Placement IV Part II

COOP 4303 Co-op Work Placement IV Part 2 is paired with COOP 4302 Co-op Work Placement IV Part 1, and together these two courses are recognized as the equivalent of COOP 4301 (Work Placement IV). This course is the second half of a co-op placement taken part-time over two terms.

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Successful completion of COOP 4302 requires completion of working hours and assignments, plus enrolment in COOP 4303 the following term. Students registering in COOP 4302 are committing to register in COOP 4303 in the subsequent term in order to receive the equivalent credit to COOP 4301.

Co-operative education courses cannot be used to meet elective requirements.

Students will only receive credit for COOP 4301, or 4302 and 4303.

Prerequisite(s): Acceptance to the co-op option; an approved co-op work placement; and successful completion of COOP 3301, or 3302 and 3303.

COOP 4800 (3 CREDITS) (0:32.31:0)

Co-operative Work Placement – PDD

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Co-op work placements consist of full-time work in a student's area of study. Evaluation will consist of employer evaluation, work term report, and presentation.

Prerequisite(s): A minimum "C" grade in EXPE 4800; or EXPE 4801, 4802, and 4803; acceptance to the co-op option; and confirmed co-op work placement.

Registration in this course is restricted to students admitted to post-degree diploma programs with a co-op work term option.

Creativity for Everyone (CREV)

CREV 1121 (1 CREDIT) (4:8:0)

Design Elements and Principles

Students learn the universal theories and concepts of design elements and principles to create meaningful, deliberate, and influential presentations for both two- and three-dimensional design as descriptive implied or abstract work.

CREV 1122 (1 CREDITS) (4:8:0)

Creative Process

Students examine and utilize the creative process as the foundational creative tool that allows for successful communication, idea generation, innovation, collaboration, and influence in problem solving which can be applied from art and design to science, philosophy, and business.

CREV 1123 (1 CREDITS) (4:8:0)

Storytelling & Visual Literacy

Students explore the multitude of ways human beings communicate through storytelling and visual literacy as narratives rendered in visual form.

Criminal Justice (CJUS)

The following course is offered by the Criminal Justice department. From time to time, seats may be available to arts and science students not in the Diploma in Criminal Justice. See also (CRIM) Criminology.

CJUS 1217 (3 CREDITS) (3:1:2)

Security

Students examine security principles, regulations, and practices required of individuals working in the security industry and criminal justice fields. Students will complete the 40 hours of Basic Security Training required of a licensed security guard under the Security Services Act. Students will learn and practice how to interact with the public in ways that promote trust, ensure their own safety and that of others, and follow the law. In addition, students will build awareness of working in diverse security environments, using trauma-informed and relational practices.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CJUS 2418 (3 CREDITS) (3:1:0)

Professional Skills and Reporting for Criminal Justice

Professionals working in the criminal justice system use a variety of practical communication skills. In this course, students develop these skills by preparing a variety of documents that are routinely needed to move cases forward. Students also explore substantive and procedural law, learn how to think logically, to use sound judgment, to work collaboratively, and to write clearly, effectively, and persuasively.

Prerequisite(s): One of the following: a score of Level 4 in Langara English Test (LET); an essay score of 30 or higher on the Language Proficiency Index (LPI) test; or a minimum "C" grade on one of the following: ENGL 1123, 1127, 1128, 1129, or 1130; and a minimum "C" grade in one of the following: CRIM 1115, 1116, 1125, or 1216. Students who do not meet the above prerequisite requirements, but have post-secondary university-transferable credits or experience, may apply to the chair of the Criminal Justice department for permission to take this course.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice, and Diploma in Criminology.

Criminology (CRIM)

The following courses are offered by the Criminal Justice department. From time to time, seats may be available to arts and science students not in the Diploma in Criminal Justice.

CRIM 1115 (3 CREDITS) (3:1:0)

Introduction to the Criminal Justice System

Discover the inner workings of Canada's criminal justice system (CJS)—and its most pressing challenges. Students explore the various components of the CJS, the roles of its principal participants, the interaction between the components, and some of the issues which both facilitate and complicate the administration of justice in Canada. Students also examine CJS issues facing youth, Indigenous Peoples, women, racialized individuals, as well as topics relating to the Canadian Charter of Rights and Freedoms and the role of corrections.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 1116 (3 CREDITS) (3:1:0)

Introduction to Canadian Law and Legal Institutions

Students trace the development of the Canadian Constitution, sources of Canadian law, including jurisprudence, divisions of law, legal institutions, doctrines of precedent and stare decisis, the rules and principles of statutory interpretation, and significant areas of substantive law. Students build the legal literacy essential for understanding how Canadian law is created, interpreted, and applied.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 1125 (3 CREDITS) (3:1:0)

Introduction to Criminology

Students are introduced to criminology as an academic discipline and as a profession. They explore key concepts and terminology, trace the evolution of criminological thought, and uncover how criminology connects with other academic disciplines. Students also develop a critical appraisal of theoretical explanations, research methods, and the philosophical and political foundations of modern criminological policy.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 1213 (3 CREDITS) (4:0:0)

Women and the Justice System

Students examine historical and contemporary perspectives on women as offenders, victims of crime, and professionals working in the criminal justice system (CJS). This course considers patterns of crime committed by and against women, as well as the systemic responses to these issues. Students reflect on the ways in which intersecting identities—such as race, class, and sexuality—shape women's experiences with the CJS, as well as the media's representation of women and justice.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 1215 (3 CREDITS) (3:1:0)

Introduction to Policing

Ideal for students who want a deeper understanding of the role of police in society, this course examines the evolution and current state of policing in Canada. Students trace the historical foundations that have shaped policing and examine how these origins continue to influence today's challenges. Key topics include the selection, training, and promoting of officers; community policing; the use of discretion; police misconduct; the influence of police culture; and the balance between authority and accountability.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 1216 (3 CREDITS) (3:1:0)

Criminal Law

Students examine the nature, scope, sources, and general principles of criminal law in Canada. They review the history and evolution of Canadian criminal law and study the concepts of mens rea (the guilty mind) and actus reus (the guilty act). In this course, students also critically examine legislative policies expressed in the Criminal Code, analyze criminal responsibility, and review legal principles in relation to selected major offences and defences in Canadian law.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 1220 (3 CREDITS) (4:0:0)

Research Methods in Criminology

This course provides students with an overview of research methods typically used in criminology and other social science disciplines. The course will cover both qualitative and quantitative research methods. Topics include the practice of social science research; ethics of research; data gathering strategies; and how to analyze data and present results in a written report. This course does not involve statistical analysis; a background in mathematics is not required.

Prerequisite(s): One of the following: a score of 4 in Langara English Test (LET); an essay score of 30 or higher on the Language Proficiency Index (LPI) test; or a minimum "C" grade in one of the following: ENGL 1123, 1127, 1128, 1129, or 1130; and a minimum "C" grade in one of the following: CRIM 1115, 1116, 1125, ECON 1119, 1220, 1221, HIST 1116, 1126, PHIL 1100, 1101, POLI 1100, 1119, PSYC 1115, 1215, SOCI 1120, or 1121. Students who do not meet the above prerequisite requirements, but have post-secondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 2103 (3 CREDITS) (4:0:0)

Psychological Explanations of Criminal and Deviant Behaviour

Biological, psychological, and psychiatric factors contribute to explaining patterns of criminal, violent, and deviant behaviour. Students examine key psychological theories of crime, as well as the influence of mental disorders, substance use, and co-occurring conditions on behaviour. They consider how categories of mental illness, personality disorders, and psychopathy have been constructed and applied within criminal justice contexts. Students study psychological processes behind different forms of offending and evaluate approaches to prevention, assessment, intervention, and treatment.

Prerequisite(s): One of the following: a score of 4 in the Langara English Test (LET); an essay score of 30 or higher on the Language Proficiency Index (LPI) test; or a minimum "C" grade in one of the following: ENGL 1123, 1127, 1128, 1129, or 1130; and a minimum "C" grade in one of the following: CRIM 1115, 1116, 1125, ECON 1119, 1220, 1221, HIST 1116, 1126, PHIL 1100, 1101, POLI 1100, 1119, PSYC 1115, 1215, SOCI 1120, or 1121. Students who do not meet the above prerequisites requirements but have post-secondary, university-transferable credits, or experience may apply to the chair of the Criminal Justice department for permission to take this course.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 2104 (3 CREDITS) (4:0:0)

Sociological Explanations of Criminal and Deviant Behaviour

Sociological theories help us understand the construction of crime and deviance, as well as the social responses that they elicit. Students explore how social structures, cultural norms, media, and institutional practices influence the definition of deviance and criminality. Applying classical and contemporary sociological theories, students consider Indigenous worldviews and analyze key processes and issues such as public safety, moral panic, addiction, and criminal justice policy.

Priority registration in this course is offered to students admitted to the Diploma in Criminology and Diploma in Criminal Justice.

Prerequisite(s): One of the following: LET 4; LPI with a minimum 30 on the essay; or a minimum "C" grade in one of the following: ENGL 1123, 1127, 1128, 1129, or 1130; and a minimum "C" grade in one of the following: CRIM 1115, 1116, 1125, ECON 1119, 1220, 1221, HIST 1116, 1126, PHIL 1100, 1101, POLI 1100, 1119, PSYC 1115, 1215, SOCI 1120, or 1121. Students who have other university-transferable credit may request permission from the department to register.

CRIM 2295 (3 CREDITS) (4:0:0)

Special Topics in Criminology

The special topics course will focus on a defined subject within the field of criminology. The course content will change from semester to semester and will depend upon the specific expertise and interest of the instructor and the current issues in criminology.

Prerequisite(s): One of the following: a score of Level 4 in Langara English Test (LET); an essay score of 30 or higher on the Language Proficiency Index (LPI) test; a minimum "C" grade in one of the following: ENGL 1123, 1127, 1128, 1129, or 1130; and a minimum "C" grade in one of the following: CRIM 1115, 1125, 1116, 1215, 1216, ECON 1119, 1220, 1221, HIST 1116, 1126, PHIL 1100, 1101, POLI 1100, 1119, PSYC 1115, 1215, SOCI 1120, or 1121. Students who do not meet the above prerequisite requirements, but have post-secondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 2315 (3 CREDITS) (3:1:0)

Introduction to Corrections

What happens after a person is deemed responsible for a crime? In this course, students examine the role and structure of corrections within the Canadian criminal justice system, with a focus on sentencing options and their impact on correctional operations. Through critical analysis, students explore the realities of life for those incarcerated and those who work within the system, while considering the effectiveness of various correctional strategies and reforms.

Prerequisite(s): One of the following: a score of Level 4 in Langara English Test (LET); an essay score of 30 or higher on the Language Proficiency Index (LPI) test; or a minimum "C" grade in one of the following: ENGL 1123, 1127, 1128, 1129, or 1130; and a minimum "C" grade in one of the following: CRIM 1115, ECON 1119, 1220, 1221, HIST 1116, 1126, PHIL 1100, 1101, POLI 1100, 1119, PSYC 1115, 1215, SOCI 1120, or 1121. Students who do not meet the above prerequisite requirements, but have post-secondary, university-

transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 2316 (3 CREDITS) (3:1:0)

Criminal Law and Court Procedure

Students critically examine selected topics in criminal procedure and evidence, focusing on the key rules and principles that govern the criminal justice process. They explore both common law and statutory frameworks, with special attention to how the Canadian Charter of Rights and Freedoms impacts criminal procedure and the admissibility of evidence.

Prerequisite(s): One of the following: a score of Level 4 in Langara English Test (LET); an essay score of 30 or higher on the Language Proficiency Index (LPI) test; or a minimum "C" grade in one of the following: ENGL 1123, 1127, 1128, 1129, or 1130; and a minimum "C" grade in one of the following: CRIM 1115, ECON 1119, 1220, 1221, HIST 1116, 1126, PHIL 1100, 1101, POLI 1100, 1119, PSYC 1115, 1215, SOCI 1120, or 1121. Students who do not meet the above prerequisite requirements, but have post-secondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 2415 (3 CREDITS) (4:0:0)

Multiculturalism and the Criminal Justice System

Students investigate the intersections of social and systemic inequities and the Canadian criminal justice system (CJS) through an examination of systematic and structural racism, discrimination, and oppression. They explore values, belief systems, culture, prejudice, bias, stereotyping, employment equity, immigration, and more. Students critically analyze the experiences of different groups (across race, ethnicity, religion, class, gender, sexual orientation, (dis)ability, health, and other identity factors) and their interactions with the CJS and access to justice through an exploration of historical and contemporary justice-related policies, legislation, and practices.

Prerequisite(s): One of the following: a score of Level 4 in Langara English Test (LET); an essay score of 30 or higher on the Language Proficiency Index (LPI) test; or a minimum "C" grade in one of following: ENGL 1123, 1127, 1128, 1129, or 1130; and a minimum "C" grade in one of the following: CRIM 1115, ECON 1119, 1220, 1221, HIST 1116, 1126, PHIL 1100, 1101, POLI 1100, 1119, PSYC 1115, 1215, SOCI 1120, or 1121. Students who do not meet the above prerequisite requirements, but have post-secondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 2416 (3 CREDITS) (4:0:0)

Law, Youth, and Young Offenders

Through the lens of social issues affecting diverse young people, students explore the root causes of youthful offending and critically assess the effectiveness of current legal frameworks and interventions. Students analyze the definitions and judicial and extrajudicial control mechanisms for youthful misconduct in Canadian society from a historical and contemporary context. They examine state responses to criminal behaviour of young persons, especially the Youth Criminal Justice Act and related legislation and case law.

Prerequisite(s): One of the following: a score of Level 4 in Langara English Test (LET); an essay score of 30 or higher on the Language Proficiency Index (LPI) test; or a minimum "C" grade in one of the following: ENGL 1123, 1127, 1128, 1129, or 1130; and a minimum "C" grade in one of the following: CRIM 1115, ECON 1119, 1220, 1221, HIST 1116, 1126, PHIL 1100, 1101, POLI 1100, 1119, PSYC 1115, 1215, SOCI 1120, or 1121. Students who do not meet the above prerequisite requirements, but have post-secondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

CRIM 2417 (3 CREDITS) (4:0:0)

Ethics and Professional Issues in Justice and Law

Students consider various ethical and other challenges faced by professionals in the fields of justice and law. Students delve into the complex relationships with clients, the public, the government, employers, and other professionals. They examine how professional codes of conduct, along with government and legal regulations, guide these interactions. Students consider topics such as confidentiality, conflicts of interest and duty, ethics in research and in decision-making, and the use and abuse of power.

Priority registration in this course is offered to students admitted to the Diploma in Criminal Justice and Diploma in Criminology.

Data Analytics (DANA)

DANA 4800 (3 CREDITS) (3:0:1)

Data Analysis and Statistical Inference

Statistical inference is the process of drawing conclusions from data. Students gain a foundation in probability, descriptive statistics, sampling methods, normal distributions, Poisson distributions, and sampling distributions, as well as one-sample and two-sample statistical inference procedures on both proportions and means (including z and t).

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics and Post-Degree Certificate in Data Analytics.

DANA 4810 (3 CREDITS) (3:0:1)

Predictive Analytics - Quantitative Data

Predictive analytics is a process of using and applying statistical analysis techniques for estimation and forecasting. Students learn standard methodology for analyzing quantitative data, including analysis of variance, design of experiments, simple regression, multiple regression, data transformation, and generalized linear models.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics and Post-Degree Certificate in Data Analytics.

Prerequisite(s): A passing mark from Data Analytics Math Assessment Test or an "S" grade in MATH 4801; and a minimum "C" grade in DANA 4800.

DANA 4820 (3 CREDITS) (3:0:1)

Predictive Analytics - Qualitative Data

Predictive Analytics is a process of using and applying statistical analysis techniques for estimation and forecasting. Students learn standard methodology for analyzing categorical data including chi-square tests for two-way and multi-way contingency tables, logistic regression, and Poisson regression.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics and Post-Degree Certificate in Data Analytics.

Prerequisite(s): A passing mark from Data Analytics Math Assessment Test or an "S" grade in MATH 4801; and a minimum "C" grade in DANA 4800.

DANA 4830 (3 CREDITS) (4:0:0)

Dimension Reduction & Classification I

A core requirement in data analytics is the classification of a large group of records (items or objects) into different subgroups based on statistical criteria. The classification can be made easier if the number of dimensions of the data used is reduced. Students learn a number of techniques in reducing the number of dimensions in a data set without losing its latent structure. They also learn how to perform statistical classification into pre-defined groups. Topics include principal component analysis, factor analysis, multiple correspondence analysis, multivariate discriminant analysis, as well as stepwise techniques in regressions.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics and Post-Degree Certificate in Data Analytics.

Prerequisite(s): A minimum "C" grade in DANA 4810 and 4820.

DANA 4840 (3 CREDITS) (4:0:0)

Classification II

Following dimension reduction and standard techniques of classification, situations arise where more advanced techniques are called for. Students learn the various multivariate techniques for classifying objects or cases into several groups. Density-based and centroid-based clustering, hierarchical techniques, as well as other clustering techniques such as fuzzy clustering will be discussed in detail.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics and Post-Degree Certificate in Data Analytics.

Prerequisite(s): A minimum "C" grade in DANA 4810 and 4820.

DANA 4850 (6 CREDITS) (4:4:0)

Capstone Project

Students are guided to apply their skills in a capstone project. Depending on the nature of the project, students demonstrate their ability to handle data by taking it through the life cycle of the data analytics process from acquisition through analysis to presentation of results.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics.

Prerequisite(s): A minimum "C" grade in CPSC 4830, DANA 4830, and 4840.

Design Formation (DSGN)

DSGN 1100 (3 CREDITS) (3:1:0)

Design Explorations: From Typography to Tattoos

Students explore the relevance and impact of design in our everyday lives as well as the cultural, societal, and psychological influences on design in a historical context. They examine the form and function of everyday items and the interplay of status and identity of the objects and symbols that we surround ourselves with. Students learn about the power of marks, symbols, and icons leading to branding and their influence on consumer preferences.

This course is open to all Langara students wishing to explore trends in design, as well as those intending to pursue studies in visual arts or considering careers in design.

This course is not a design studio and does not teach design skills.

Students will receive credit for only one of DDSN 1100 or DSGN 1100.

Priority registration in this course is offered to students admitted to the Diploma in Design Formation and the Diploma in Digital Media & Design.

DSGN 1121 (1 CREDIT) (0:0:7)

User Experience I - Research and Definition

Students explore various tools and techniques to identify the user's needs and preferences. They conduct an analysis of comparable products on the market and document their observations. Students establish the design requirements for an interactive product.

DSGN 1122 (1 CREDIT) (0:0:7)

User Experience II - Ideation and Wireframes

Students analyze and interpret the user requirements to start the ideation phase followed by the exploration of a variety of tools to structure the main features of the interactive design. Students integrate the principles of usability to optimize the user experience.

DSGN 1123 (1 CREDIT) (0:0:7)

User Experience III - Prototyping

Students create a prototype to validate the content and enhance the interface design phase of an interactive product. They implement the fundamental principles of user experience (UX) and user interface (UI) in their interactive prototype to enhance the user experience.

DSGN 1151 (3 CREDITS) (3:1:0)

Communication Design I: Fundamentals

Students explore and apply design principles, elements, processes, and other creative methods to solve visual communication problems. They identify and differentiate the fundamental functions of image, colour, and typography in order to communicate concrete concepts and symbolic meaning.

Students will receive credit for only one of DDSN 1151 or DSGN 1151.

Registration in this course is restricted to students admitted to the Diploma in Design Formation and Diploma in Professional Photography.

Corequisite(s): DSGN 1255.

DSGN 1153 (3 CREDITS) (3:1:0)

Interiors and Architecture II: Introduction to Interior Spaces

Students explore means of designing, communicating, and representing 3D space and all of its attributes, emotional and practical, through sketches, technical drawings, and models based on comprehensive small-scale projects.

Students will receive credit for only one of DDSN 1153 or DSGN 1153.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C" grade in DSGN 1155.

DSGN 1154 (3 CREDITS) (3:1:0)

Material, Process, and Sustainability

Students examine the processes and techniques for production utilized in the design and fabrication of objects and ideas. This includes learning the opportunities and limitations of specific materials, the safe operation of fabrication tools, and the incorporation of sustainable practices in the making of objects. This project-based course enables students to explore and develop the skills and technical knowledge required to inform their designs and their final outcomes.

Students will receive credit for only one of DDSN 1154 or DSGN 1154.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C" grade in DSGN 1155.

DSGN 1155 (3 CREDITS) (1:1:2)

Interiors and Architecture I: Fundamentals of 3D Space and Representation

Students learn the fundamental building blocks of 3D spaces, how they are composed, traditional methods of representation, and their relationship to the human body. They explore these topics primarily through learning and applying CAD software, an essential tool in the practice of spatial design in its various stages and methodologies.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

DSGN 1156 (3 CREDITS) (1:1:2)

Experiential Design I: Storytelling & Curation in 3D Environments

Students explore different types of storytelling and narration found in the built environment and how they relate to design. They learn different strategies for making stories meaningful and memorable for a more impactful audience experience. Using instances found in exhibits, retail, public spaces, institutions, and even virtual environments, students examine how stories are told, structured, and organized to become a critical factor in the visual expression of the final design and what is understood from it.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

DSGN 1200 (3 CREDITS) (3:1:0)

Design Explorations: The Designers - Form & Function

Students take an in-depth look at design and society from the perspective of the designer. They learn about designers whose work has significantly influenced the built environment through a historical context. Students analyze the response of communities to technological, societal, and environmental changes. They examine how objects and spaces impact us: how and where we live, what we buy, what we view, and what we believe.

This course is open to all Langara students wishing to explore trends in design, as well as those intending to pursue studies in visual arts or considering careers in design.

This course is not a design studio and does not teach design skills.

Priority registration in this course is offered to students admitted to the Diploma in Design Formation and the Diploma in Digital Media & Design.

DSGN 1250 (3 CREDITS) (3:1:0)

Communication Design II: Design Systems

Students analyze, create, and employ graphic elements, layouts, and grids to communicate concepts and organize information for spaces, objects, and interactions. Working with creative briefs, students gain a deeper understanding of the design process and the conceptualization of projects. They also develop their skills using vector image software and explore the function of images as signs and icons for information and branding systems.

Students will receive credit for only one of DDSN 1211/1212, 1250, or DSGN 1250.

Prerequisite(s): A minimum "C" grade in DSGN 1151; and a minimum "C-" grade in DSGN 1255.

DSGN 1253 (3 CREDITS) (3:1:0)

Interiors and Architecture III: Advanced Topics in Interior Spaces

Students focus on the shaping of complex spatial experiences through drawings, models, and research methodologies to inform design processes that respond to increased program size and complexity.

Students will receive credit for only one of DDSN 1231/1232, 1253, or DSGN 1253.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C" grade in DSGN 1153.

DSGN 1255 (3 CREDITS) (3:1:0)

Graphic Design Software Fundamentals

Students create and work with images using Adobe Illustrator and Adobe Photoshop. They explore basic concepts, methods, tools, and techniques for each application and create vector-based materials, including signs, symbols, icons, drawings, and illustrations, in black-and-white, spot, and full colour. Students also learn how to adjust and prepare raster images for various uses and determine when to use illustration software or photo-editing software.

Students will receive credit for only one of DDSN 1255 or DSGN 1255.

DSGN 1256 (3 CREDITS) (1:1:2)

Experiential Design II: Designing Around Objects and Ideas

Students explore how design can communicate specific stories in the built environment using a variety of mediums and techniques. They learn how to leverage a combination of objects, imagery, materials, and colours plus other sensory devices to communicate an idea or ideas. Through discussion and precedent studies, students find examples of how designers frame a story using objects and ideas. They examine how designers convey context, meaning, clarity, and focus to objects and ideas and how they relate to specific narratives. Through this process, students develop their own small-scale narrative designs using what they have learned including how objects are conserved, mounted, and secured.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C" grade in DSGN 1156.

DSGN 1300 (3 CREDITS) (2:2:0)

Design Thinking

Design thinking is a methodology used to create effective and memorable products and experiences. It is a non-linear, iterative process in which solutions are generated by empathy and proven through measurable data. This problem-solving process can be applied to any discipline that seeks to enhance the lives of a group of people. In this course, students learn to understand users, define problems, and create solutions to prototype and test. Exploring human-centered design principles, such as listening, observation, empathy, and collaboration, students solve real-world problems from ideation to proven prototype.

This course is open to all Langara students wishing to explore trends in design, as well as those intending to pursue studies in visual arts or considering careers in design.

This course focuses on design theory. It is not a design studio and does not teach design skills.

Priority registration in this course is offered to students admitted to the Diploma in Design Formation and the Diploma in Digital Media & Design.

DSGN 1400 (3 CREDITS) (2:2:0)

Decolonizing the Design Process

When working with Indigenous client groups designers need to be able to evaluate inherent Euro-centric assumptions regarding power, authorship, and control to decolonize the design process. The goal is to re-envision roles and methodologies to allow for more equitable and inclusive designer-client relationships. Students learn how to decolonize the design process by reflecting on their own assumptions and reconsidering the ways in which design problems and milestones might be defined, design systems might be used, and project outcomes might be evaluated. They explore how working with diverse clients can invite a shift in roles and bring new insights to their understanding of design and the value it imparts to the designer, the client, and the end user.

This course is open to all Langara students wishing to explore trends in design, as well as those intending to pursue studies in visual arts or considering careers in design.

This course focuses on design theory. It is not a design studio and does not teach design skills.

Priority registration in this course is offered to students admitted to the Diploma in Design Formation and the Diploma in Digital Media & Design.

DSGN 2054 (2 CREDITS) (1:1:0)

Establishing a Career in Design

Through research, goal setting, and interactions with design professionals, students explore career possibilities and educational paths. They gain the skills required to engage in informational interviews with industry experts, design custom resumes and cover letters, and implement professional social media strategies to advance their careers.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C" grade in DSGN 1153, 1250, and 1256; and a minimum "C-" grade in DSGN 1154 and 1255.

DSGN 2100 (3 CREDITS) (3:1:0)

Furniture Design

Well-designed furniture requires a thoughtful, thorough design approach grounded in function, along with understanding the human form and aesthetics. Through lectures, exercises, and hands on projects students develop skills for furniture creation. Project outcomes synthesize concept, materials, fabrication, and form. Students utilize the furniture design process and hands on practice with tools and equipment to realize their own furniture concept.

Prerequisite(s): None, but some experience fabricating (high school shop) or some experience drawing (CAD or hand) is useful.

DSGN 2151 (3 CREDITS) (3:1:0)

Communication Design III: Typography

This course offers an in-depth study of typography skills for designers. Through the evaluation of typography as a core element of design, students explore the subtleties of type in relation to audience, page structure, and communication. They examine letterform anatomy, syntax, legibility, grids, messages, integration of type, and images as applied to page and screen layout.

Students will receive credit for only one of DDSN 1251, 2151, or DSGN 2151.

Prerequisite(s): A minimum "C" grade in DSGN 1250.

Corequisite(s): DSGN 2155.

DSGN 2152 (3 CREDITS) (3:1:0)

Experiential Design III: Working with Complex Stories and Multiple Objects

Students take the narrative devices and techniques applied to 3D spaces and expand those applications to larger, multi-layered storytelling with a variety of objects and/or ideas. Using their own designs, they explore how complex storytelling can be managed and organized through visual systems while visually expressing notions of coherence, hierarchy, and emphasis.

Students will receive credit for only one of DDSN 2152 or DSGN 2152.

Prerequisite(s): A minimum "C" grade in DSGN 1256.

DSGN 2155 (3 CREDITS) (1:1:2)

Page Layout Software

Students use Adobe InDesign to create grids, page layout, master pages, paragraph styles, and incorporate vector graphics and photography in a multipage document. They also learn how to prepare press-ready files for commercial printing, including colour separation, spot colour, and registration.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

DSGN 2251 (3 CREDITS) (3:1:0)

Communication Design IV: Branding and Marketing

Students research, conceptualize, and plan branding and marketing communication campaigns to promote products, services, and ideas that raise public awareness, communicate information, and influence the action of specific target audiences.

Students will receive credit for only one of DDSN 2211/2212, 2251, or DSGN 2251.

Prerequisite(s): A minimum "C" grade in DSGN 2151; and a minimum "C-" grade in DSGN 2155.

DSGN 2254 (3 CREDITS) (3:1:0)

Portfolio

Students define their professional profile to develop their visual identity for self-promotion. After identifying the design field they are interested in, they create a portfolio showcasing work that best represents their skills and personal and professional objectives.

Students should consider an average cost of $150.00 for producing a portfolio and printing business cards.

Students will receive credit for only one of DDSN 2254, 2427, or DSGN 2254.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C-" grade in DSGN 2054 and 2155; and a minimum "C" grade in DSGN 2151.

DSGN 2256 (6 CREDITS) (1:0:5)

Experiential Design IV: Media and Technology in Experiential Design

Students explore dynamic approaches to experiential design and storytelling in built environments. With an emphasis on current and emerging technology, they assess existing physical designs, diagnose problems, and explore design solutions through research, empathy, prototype, testing, iteration, and final documentation. In addition to design strategies, students survey and analyze existing technologies and develop skills to research and vet the evolving array of products and programs to reach articulated outcomes.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C" grade in DSGN 1256.

DSGN 2351 (3 CREDITS) (1:1:2)

Communication Design: Web Design Fundamentals

Students learn to write standards-compliant HTML and CSS and author websites that respond to current devices and browsers. They use contemporary approaches to web typography and graphics. Previous experience with Adobe Photoshop is recommended.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C-" grade in DSGN 1255.

DSGN 2353 (3 CREDITS) (1:1:2)

Interiors and Architecture IV: Site & Context in Architectural Design

This course will explore the role of site and context in the development and design of architectural spaces, interior and exterior, and the impact that the site has on the design intention. Students will begin by learning how to evaluate and document site conditions for specific architectural projects. These projects will then be used to allow students to explore how the built environment relates to its surrounding through formal attributes, in addition to finishes and material choices. Course content will also include considerations around solar patterns, acoustic factors, environmental conditions, and sustainability standards.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C-" grade in DSGN 1153.

DSGN 2354 (1 CREDIT) (0:1:0)
Work Experience
Students secure a two-week work experience to gain valuable insight into professional design environments. They apply skills and experience gained in the program to contribute to design projects with industry professional supervision. Work experience can take place in design studios, in-house design departments in companies or organizations, or with a design mentor. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C-" grade in DSGN 2054 and 2155; and a minimum "C" grade in DSGN 2151.

DSGN 2451 (3 CREDITS) (1:1:2)
Communication Design: Printing and Publications
Students learn to produce, to industry-standard specifications, digital files that incorporate type, photographs, and graphics for professional printing. They explore printing stages, including prepress requirements, preflighting digital files, proofing methods, and evaluation of contract proofs.

Registration in this course is restricted to students admitted to the Diploma in Design Formation.

Prerequisite(s): A minimum "C" grade in DSGN 2151; and a minimum "C-" grade in DSGN 2155.

Digital Media and Design (DGMD)

DGMD 1125 (3 CREDITS) (1:1:2)
User Experience I
In today's digital landscape, user experience (UX) plays a crucial role in determining the success of a digital product. It directly impacts user satisfaction and engagement. Students learn the fundamental principles of user experience (UX) and UX research and the process of creating products that provide meaningful and relevant experiences for users. While exploring various tools and techniques, they identify user needs and preferences, structure key features, conduct analyses, and establish design requirements for an interactive product.

Prerequisite(s): A minimum "C" grade in DSGN 1300.

DGMD 1155 (3 CREDITS) (1:3:0)
Visual Storytelling I
The foundational elements of visual and communication design form the basis of effective visual storytelling. Students learn the language of design by using elements and principles to communicate powerful ideas and engage with compelling stories. Engaging problems as designers, students investigate tools such as typography, colour theory, and imagery to invoke meaning and message. Through hands-on experience with the design process, students demonstrate the skills taught by building their own body of work.

Corequisite(s): DGMD 1175.

DGMD 1175 (3 CREDITS) (1:1:2)
Design Toolkit: Raster and Vector
Design software is essential for visual communication professionals. Students learn to use the digital tools integral to the generation and manipulation of images, illustrations, typography, and brand assets. Through hands-on projects, they apply advanced techniques, including file management, non-destructive editing workflows, and export and optimization methods. Students acquire the technical foundation needed to execute their creative vision effectively while meeting current industry demands.

Corequisite(s): DGMD 1155.

DGMD 1415 (3 CREDITS) (1:1:2)
Coding for Designers I: HTML/CSS
Designers need to understand the functionality of the web to create their own basic websites or modify existing structures and to participate in and contribute to discussions during the development phase of a website. Students learn the fundamentals of HTML & CSS, learning to code designs that incorporate high-resolution graphics, videos, grid systems, and modern typographic approaches—creating bandwidth-friendly websites that adapt to any device they are viewed on. Through hands-on activities, students learn to convert a visual design (prototype) into an interactive product.

DGMD 1425 (3 CREDITS) (1:1:2)
Coding for Designers II: JavaScript
Web designers increasingly encounter JavaScript in modern projects, yet many lack confidence in understanding and modifying scripts. This course bridges the gap by equipping designers with essential JavaScript literacy, ensuring they can integrate and manipulate scripts effectively without needing deep programming expertise. Students use JavaScript as a tool for enhancing web design, focusing on modifying and troubleshooting existing scripts rather than writing full applications from scratch. They learn how JavaScript interacts with HTML and CSS through the Document Object Model (DOM), handle events, debug scripts, and integrate JavaScript effectively into modern web projects. By the end of the course, students confidently interpret and tweak JavaScript code to enhance interactivity and user experience in their designs.

Prerequisite(s): A minimum "C" grade in CPSC 1030 or DGMD 1415.

DGMD 2155 (3 CREDITS) (1:1:2)
Engaging Audiences: Content, Strategy, and Analytics
Social media marketing empowers brands and creators to connect directly with their target audience, building authentic relationships while sharing their story through engaging content. Students learn the terminology and strategies involved in planning online and social media marketing campaigns and explore various tools used to create, optimize, and manage content while

establishing brand consistency. They learn to measure the efficiency of a campaign and to adjust it, to increase visibility and improve user engagement, in this dynamic field.

Prerequisite(s): A minimum "C" grade in DGMD 1155, 2255, or 2400.

DGMD 2225 (3 CREDITS) (1:1:2)

User Experience II

Students apply the user experience strategies acquired in User Experience I and expand their toolkit with additional methods and approaches. Using the design process, they guide their projects through multiple stages, from initial concept to final implementation. They research and analyze the user's behaviors and experience while exploring various tools and techniques to find efficient and creative solutions to a specific problem. They use information architecture tools to organize and structure the content. Through experimental approaches and problem-solving, they learn to apply UX design principles to promotional and e-commerce products.

Prerequisite(s): A minimum "C" grade DGMD 1125.

DGMD 2255 (3 CREDITS) (1:3:0)

Visual Storytelling II

Building on the foundations laid in Visual Storytelling I, students dig deeper into the art and science of visual communication, expanding their skills and exploring advanced techniques in graphic storytelling. Students refine their ability to create compelling narratives, applying elements and principles to digital platforms, including web design and multimedia projects. Building soft skills in teamwork, they collaborate to construct visual narratives that engage audiences.

Prerequisite(s): A minimum "C" grade in DGMD 1155.

DGMD 2275 (3 CREDITS) (1:3:0)

Design Toolkit: User Interface

Students explore the core features of industry-standard UI design tools, applying fundamental design principles to develop user-friendly interfaces for websites and mobile apps. Through hands-on projects and interactive prototyping exercises, students gain practical experience and build confidence in their design abilities. This course lays the groundwork for students to seamlessly blend creativity with technical expertise.

Prerequisite(s): A minimum "C" grade in DGMD 1125.

DGMD 2400 (3 CREDITS) (1:1:2)

AI Applications

AI is transforming the way we study, work, and create, influencing nearly every facet of our lives. This course is designed for students from diverse backgrounds to gain a foundational understanding of modern AI models and systems, enabling them to fully utilize its potential regardless of background and experience level. Whether exploring AI for the first time or building on existing coding skills, students will engage in hands-on experimentation and project-based learning tailored to their skill set. Topics include how AI systems learn, effective prompting strategies, ethical considerations, and the latest tools, including large language models and multimodal AI. The course ensures accessibility for all while providing opportunities for deeper technical exploration.

Prerequisite(s): A minimum "C" grade in nine credits of first-year CPSC or DGMD courses.

DGMD 2425 (3 CREDITS) (1:1:2)

Coding for Designers III: CMS

Millions of commercial websites are built using Content Management Systems (CMS). Through project work, students learn to manage common content management systems, install and customize themes, and add content. Additional topics addressed include installing security patches, managing plugins and updating themes to optimize CMS efficiency. Students also apply advanced CMS features including user role management, workflow customization, and integration with third-party services to create comprehensive digital experiences that meet modern business requirements.

Prerequisite(s): A minimum "C" grade in DGMD 1425.

DGMD 2500 (3 CREDITS) (0:0:4)

Capstone

In this culminating experience in the Digital Media and Design Diploma, students design and develop digital products such as websites, apps, and interactive touchscreens in response to real-world challenges. Working in teams, students engage in the entire project lifecycle, from initiation and planning to execution and evaluation. They apply project management methodologies, conduct user research, and implement design revisions based on testing. Through hands-on experience, students demonstrate their technical, creative, and professional competencies while developing a portfolio-ready project that incorporates reflection on learning on Indigenization and Equity, Diversity, and Inclusion.

Registration in this course is restricted to students admitted to the Diploma in Digital Media and Design.

Prerequisite(s): One of the following prerequisite combinations: A minimum "C" grade in all of the following: DGMD 1125, 1155, 1175, 2225, 2275, and 2400; or a minimum "C" grade in all of the following: DGMD 1125, 1155, 1415, 1425, 2400, and 2425.

Early Childhood Education (ECED)

The following early childhood education courses are restricted to students in the early childhood education programs.

ECED 1101 (1 CREDIT) (1:0:0.5)

Language Arts for Young Children I

The purpose of this section of the ECE program is to help students gain knowledge and insight into the development of language of the young child and to provide students with opportunities to practice skills in the motivation and guidance of young children through suitable experiences in the communication field.

ECED 1102 (3 CREDITS) (4:0:0)

Child Growth and Development I

Students are introduced to theories and research related to child growth and development. The origins of child growth and development research are explored. Students examine the overall progression of how children change and develop from birth to three years of age. This course focuses on child development in the following areas: physical, cognitive, social and emotional, and language.

Registration in this course is restricted to students admitted to the Certificate in Early Childhood Education and Certificate in Early Childhood Education (Part-time).

ECED 1112 (3 CREDITS) (3:0:1)

Exploring the Environment I

Students gain the knowledge and skills necessary to plan and implement play-based learning experiences throughout the early learning curriculum. Students begin to utilize a variety of observation techniques in order to interpret children's interests and abilities and offer play-based learning experiences based on those observations and interpretations. Students need access to early learning and care programs in order to complete this course successfully.

Students will receive credit for only one of ECED 1104, 1108, or 1112.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

ECED 1115 (3 CREDITS) (3:1:0)

Foundations of Early Childhood Education

This course is an introduction to the basic principles involved in the development of early childhood education. The historical, philosophical, and cultural roots of contemporary programs will be surveyed. Emphasis is on current issues and future trends in society and education that directly impact contemporary early childhood programs in Canada today.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

ECED 1116 (3 CREDITS) (3:0:0)

Knowing the Individual Child

An introduction to the general principles of growth and development in the early childhood years with particular emphasis on methods of observing, recording, and documenting behaviour.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

ECED 1118 (3 CREDITS) (3:0:0)

Introduction to Program Planning

This course is an introduction to the planning and development of play based programs for children from birth to six years of age. Emphasis is placed on the basic principles on which decisions are made regarding developmentally appropriate practice in contemporary early childhood programs.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

ECED 1119 (2 CREDITS) (0:0:6)

Practicum I

In early childhood education training, supervised field work prepares students to work with young children in a variety of early learning settings. During this first practicum, students gain practical experience and begin to develop the skills needed to plan and implement a curriculum for young children ages three to five. They regularly consult with an on-site sponsor teacher to learn about the responsibilities of program implementation and practice planning curriculum for young children. With the support of the centre staff, students actively participate in daily routines that promote the physical, emotional, social, and cognitive growth of young children. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

Prerequisite(s): A minimum "C-" grade in all of the following: ECED 1101, 1112, 1115, 1116, and 1118 (all may be taken concurrently); a minimum "C-" grade in ECED 1102 and 1112 (both may be taken concurrently); or permission of the department.

ECED 1201 (1 CREDIT) (1:0:0.5)

Language Arts for Young Children II

The purpose of this section of the ECE program is to help students gain knowledge and insight into the development of language of the young child and to provide students with opportunities to practise skills in the motivation and guidance of young children through suitable experiences in the communication field. This course is a continuation of ECED 1101.

Prerequisite(s): Successful completion of Term One courses.

ECED 1202 (3 CREDITS) (4:0:0)

Child Growth and Development II

Building on material covered in ECED 1102 - Child Growth and Development I, students explore current research and theories in child growth and development. Students examine the overall progression of how children change and develop from 36 months to five years of age. Students focus on child development in the following areas: physical, cognitive, social and emotional, and language within the context of a life-span developmental perspective.

Registration in this course is restricted to students admitted to the Certificate in Early Childhood Education and Certificate in Early Childhood Education (Part-time).

Prerequisite(s): A minimum "C-" grade in ECED 1102.

ECED 1212 (3 CREDITS) (3:0:1)

Exploring the Environment II

Building on material covered in ECED 1112 - Exploring the Environment I, students further develop the knowledge and skills necessary to plan and implement play-based learning experiences throughout the curriculum. Students apply their knowledge and refine their skill and ability to use a variety of observation techniques to interpret children's interests and abilities. Students design and offer play-based learning experiences based on those observations and interpretations. Students will need access to early learning and care programs in order to complete this course successfully.

Students will receive credit for only one of ECED 1204, 1208, or 1212.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

Prerequisite(s): A minimum "C-" grade in ECED 1112.

ECED 1214 (3 CREDITS) (3:0:0)

Program Planning for Infants and Toddlers

This course is designed to provide students with the theory and practical experiences needed to plan, implement, and assess early childhood programs for infants and toddlers. Emphasis will be placed on caregiving strategies that meet the needs, interests, and abilities of infants and toddlers in a childcare setting. Students will be provided with opportunities to familiarize themselves with materials, equipment resources, and planned activities needed to provide quality care and to promote children's physical and psychosocial growth within an infant-toddler setting.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education or Citation in Infant and Toddler Care and Education.

ECED 1217 (3 CREDITS) (3:0:0)

Human Relations in Early Childhood Programs

A study of the techniques and skills required by the early childhood educator to communicate effectively with children, parents, colleagues, and community resource workers.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

ECED 1218 (3 CREDITS) (3:0:0)

Program Planning and Implementation

Practical aspects of planning, implementing, and evaluating curricula in early childhood education programs. Theoretical perspectives and practical aspects of guiding young children in early childhood education programs are discussed and practised in this course. Emphasis is on teaching strategies, including guidance techniques, as well as the guiding of children through developmentally appropriate activities and learning encounters.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

Prerequisite(s): A minimum "C-" grade in ECED 1118 (may be taken concurrently).

ECED 1219 (3 CREDITS) (0:0:9)

Practicum II

In early childhood education training, supervised field work prepares students to work with young children in a variety of early learning settings. During this second practicum course, students gain practical experience and continue to develop the skills needed to plan and implement a curriculum for young children ages birth to three years. Students regularly consult with an on-site sponsor teacher to learn about the responsibilities of program implementation and to practice planning curriculum for infants and toddlers. With support of the centre staff, students actively participate in daily routines that promote the physical, emotional, social, and cognitive growth of young children. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

Prerequisite(s): An "S" grade in ECED 1119.

ECED 1301 (1 CREDIT) (1:0:0.5)

Language Arts for Young Children III

The purpose of this section of the early childhood education program is to help students gain knowledge and insight into the development of language of the young child and to provide students with opportunities to practise skills in the motivation and guidance of young children through suitable experiences in the communication field. This course is a continuation of ECED 1201.

Prerequisite(s): Successful completion of Term Two courses.

ECED 1308 (3 CREDITS) (2:0:2)

Creative Environments for Young Children

Integrating activities helps young children coordinate their learning experiences and is an effective method of reinforcing concepts. This course builds on material covered in ECED 1112 and 1212. Its purpose is to provide students with the knowledge and skills necessary to integrate curricular areas that help young children expand their creative potential and curiosity to explore their world. It is designed to promote young children's social, emotional, intellectual, physical, and language development, within a framework that balances naturalistic, formal, and informal learning.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

Prerequisite(s): A minimum "C-" grade in ECED 1212.

ECED 1310 (3 CREDITS) (4:0:0)

Infant and Toddler Communication, Language, and Literacy Development

This course is a requirement of the Infant and Toddler citation program and focuses on child development in communication, language and literacy from prenatal to 36 months. Students gain an in-depth understanding of theories and research related to infant and toddler growth and development including prenatal, post-natal and typical and atypical development. They examine the overall progression of communication and language development from birth to three years of age. Students also explore aspects of observing and documenting infants and toddlers in early childhood settings and how this relates to working with family and community. They learn how to create meaningful curriculum experiences in early childhood settings that support the development of communication and language within the context of a healthy caregiver/child relationship.

Registration in this course is restricted to students admitted to the Citation in Infant and Toddler Care and Education.

ECED 1315 (3 CREDITS) (3:1:0)

Developing and Supervising Early Childhood Centres

Emphasis in this course is on the role of the supervisor in the organization, administration, and continuing development of early childhood education programs, community relationships, and professional development.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education or Citation in Infant and Toddler Care and Education.

ECED 1318 (3 CREDITS) (3:0:0)

Evaluating and Individualizing Programs

Practical aspects of planning, implementing, and evaluating curricula in early childhood education programs are discussed and practiced in this course. Emphasis is placed on the examination of a variety of program styles that provide integrated learning experiences geared to the developmental level of the individual child, including those children with uniquely different needs: "Putting it all together".

ECED 1319 (4 CREDITS) (0:0:16)

Practicum III

In early childhood education training, supervised field work prepares students to work with young children in diverse early learning settings. During this third practicum, students gain advanced, practical experience solidifying the skills needed to plan and implement a curriculum for young children ages three to five. With limited guidance from an on-site sponsor teacher, students plan and implement curriculum and initiate and participate in daily routines that promote the physical, emotional, social, and cognitive growth of young children. In this final practicum, students take a lead role in the centre's day to day functions. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education, Certificate in Early Childhood Education, and Certificate in Early Childhood Education (Part-time).

Prerequisite(s): An "S" grade in ECED 1119 and 1219.

ECED 1325 (3 CREDITS) (4:0:0)

Health, Nutrition, and Safety

This course provides the student with the basic principles and practices of health safety and nutrition related to the care of children from birth to six years in early childhood settings. Topics to be covered include: common childhood illnesses and communicable diseases, preventative health measures, safety and supervision practices, nutritional needs of young children, and meal planning. Community resources available to support the health needs of young children will be explored.

Registration in this course is restricted to students admitted to the following programs: Diploma in Early Childhood Education, Certificate in Early Childhood Education, Certificate in Early Childhood Education (Part-time), or Citation in Infant and Toddler Care and Education.

ECED 1329 (3 CREDITS) (0:0:14)

Infant and Toddler Practicum

This post-basic early childhood education practicum course requires students to apply their skills of program planning and implementation to meet the developmental needs of infants and/or toddlers ages birth to three years. During this four–six week, full-time practicum, students work with individual children and groups of children, consult with their sponsor teacher regarding expectations, and familiarize themselves with routines, activities, and resources needed to promote the physical, emotional, social, and cognitive growth of infants and toddlers. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Early Childhood Education and Citation in Infant and Toddler Care and Education.

ECED 2415 (3 CREDITS) (3:0:0)

Introduction to Early Childhood Special Education

This course is designed to orient students to the field of education for children with special care and learning needs. A survey of the historical and philosophical perspectives that influence contemporary inclusive programs. Topics will include: early intervention, inclusion, legislation, and government policies and procedures.

Registration in this course is restricted to students admitted to the Citation in Early Childhood Education: Special Education Post Basic.

ECED 2417 (3 CREDITS) (3:0:0)

Human Relations

This course is designed to present the techniques and skills required for the early childhood educator to work effectively with children with special needs and their families. Emphasis will be placed on team and interdisciplinary approaches to child care and guidance, administration, and funding concerns. There will be an overview of the community resources available to lend support to the child with special needs and his/her family and the early childhood educator.

Registration in this course is restricted to students admitted to the Citation in Early Childhood Education: Special Education Post Basic.

Prerequisite(s): A minimum "C-" grade in ECED 2415 or PSYC 2318; or permission of the department.

ECED 2418 (3 CREDITS) (3:0:0)

Special Education Program Planning

This course covers early childhood program planning, use of materials and equipment, the role of the supervisor, techniques of classroom management, learning phenomena in children, and methods of meeting the needs of individual children with special needs. It is designed to acquaint the student with early childhood education curriculum planning and implementation including nutrition and feeding, behavioural objectives, lesson plans, resource units, and long term planning for children with special needs, with emphasis on the child in an inclusive setting.

Registration in this course is restricted to students admitted to the Citation in Early Childhood Education: Special Education Post Basic.

Prerequisite(s): A minimum "C-" grade in ECED 2415, 2417, and PSYC 2318 (ECED 2417 may be taken concurrently); or permission of department chair.

ECED 2419 (3 CREDITS) (0:0:14)
Early Childhood: Special Education Practicum
Students gain practical knowledge and develop the skills needed to plan and implement an adapted early childhood education program that fosters the developmental growth and learning of children with diverse abilities. They apply theory and learn instructional strategies that help them meet the needs, interests, and abilities of these young children. Students work with certified early childhood educators to learn hands-on strategies to support and promote children's growth and exploration within inclusive child care settings. Graded S/U.

Registration in this course is restricted to students admitted to the Citation in Early Childhood Education: Special Education Post Basic.

Prerequisite(s): A minimum "C-" grade in all of the following: ECED 2415, 2417, 2418, and PSYC 2318.

Economics (ECON)

The Economics department strongly recommends that students who have not taken economics courses at the college level enter directly into ECON 1110, 1119, or 1120. The rate of successful completion of ECON 1220 and 1221 is significantly lower for those students who do not have some economics background. The department also recommends that students who enrol in ECON 1220 or 1221 should have Precalculus 11 or equivalent.

Students wanting to register in both ECON 1220 and 1221 in the same semester require an overall GPA of 3.0 and permission of the department chair.

ECON 1119 (3 CREDITS) (3:1:0)
Canadian Domestic and International Issues
This course uses economic principles to describe and analyze contemporary domestic and international issues confronting the Canadian economy.

ECON 1195 (3 CREDITS) (4:0:0)
Special Topics I
This number is reserved for economics courses that may be offered from time to time by: a) economics faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting economics lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

ECON 1220 (3 CREDITS) (3:1:0)
Principles of Microeconomics
Introductory concepts; the market system; price determination; demand and utility; competitive supply; cost analysis; market structures; equilibrium of the firm; pricing of factor inputs; land rents; wages; interest and capital.

Students will receive credit for only one of ECON 1220 or 4800. ECON 1220 may not be used to satisfy the ECON 4800 requirement.

ECON 1221 (3 CREDITS) (3:1:0)
Principles of Macroeconomics
Introductory macroeconomic concepts; circular flow of income and product; national income; equilibrium level of domestic income; fiscal policy; money and banking; international trade; inflation and unemployment.

Students will receive credit for only one of ECON 1221 or 4810. ECON 1221 may not be used to satisfy the ECON 4810 requirement.

ECON 1295 (3 CREDITS) (4:0:0)
Special Topics II
This number is reserved for economics courses that may be offered from time to time by: a) economics faculty who may wish to present a course in their specialty; or b) visiting economics lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

ECON 2155 (3 CREDITS) (4:0:0)
Understanding Globalization
Globalization has the potential to diffuse technologies and knowledge across the world and lift entire populations out of poverty through trade and economic growth. Its critics argue that it does this at the expense of workers in developed countries while also increasing global inequity and undermining democratic mandates of national governments. In this course, students explore the social and economic implications of lowered barriers to the international flows of information, capital, labour, and goods for both developed and developing nations. They also learn theoretical foundations of globalization and the role of international economic institutions.

Students will receive credit for only one of ECON 2155 or 2255.

Prerequisite(s): A minimum "C-" grade in ECON 1220 and 1221.

ECON 2210 (3 CREDITS) (3:1:0)
Money and Banking
This course examines the economics of the Canadian financial system. By taking this course, you will develop a greater understanding of the structure and operation of the banking system, interest rate determination, risk and term structures of interest rates, financial markets and intermediation, regulation of the financial system, and monetary policy.

Prerequisite(s): A minimum "C-" grade in ECON 1220 and 1221.

ECON 2221 (3 CREDITS) (4:0:0)
Strategic Thinking
This course examines the basics of game theory with applications to a variety of disciplines. The focus is on thinking logically, critically, and strategically.

Prerequisite(s): A minimum "C-" grade in ECON 1220 and 1221.

ECON 2260 (3 CREDITS) (3:1:0)

Environmental Economics

Students will examine the links between the economy and the environment. They will use economic principles to explain why environmental problems occur in a market economy and study how economic policy instruments can be used to deal with these problems.

Prerequisite(s): A minimum "C-" grade in ECON 1220 and 1221.

ECON 2280 (3 CREDITS) (3:1:0)

Labour Economics

Basic analysis of the labour market and the industrial relations system with emphasis on the major issues of public policy in Canada.
Prerequisite(s): A minimum "C-" grade in ECON 1220 and 1221.

ECON 2296 (3 CREDITS) (3:1:0)

Managerial Economics

Economic foundations of managerial decision making including demand and cost theory, decision making under uncertainty, price determination, pricing strategies, asymmetric information, and market failures.

Students will receive credit for only one of ECON 2251 or 2296.

Prerequisite(s): A minimum "C+" grade in ECON 1220; a minimum "C" grade in ECON 1221; and a minimum "C" grade in one of the following: MATH 1153, 1171, 1173, 1174, 1253, 1271, 1273, or 1274.

ECON 2298 (3 CREDITS) (4:0:0)

The Economics of Capital Assets and Project Evaluation

This course will provide students with the general tools for evaluation of the intertemporal flows of funds that arise in many contexts. Topics will include mortgages and other loan payments, bond and stock pricing, exchange rates, components of required rates of return, exchange rates and how to evaluate alternative investment projects that generate flows of funds over time.

Prerequisite(s): A minimum "C" grade in ECON 1220 and 1221; and a minimum "C" grade in one of the following: MATH 1153, 1171, 1173, 1174, 1253, 1271, 1273, or 1274.

ECON 4800 (3 CREDITS) (4:0:0)

Introduction to Microeconomics

This course will cover introductory concepts including: the market system, price determination, demand and utility, competitive supply, cost analysis, market structures, equilibrium of the firm, pricing of factor inputs, land rents, wages, interest, and capital.

Students will receive credit for only one of ECON 1220 or 4800. ECON 1220 may not be used to satisfy the ECON 4800 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

ECON 4810 (3 CREDITS) (4:0:0)

Introduction to Macroeconomics

This course will cover introductory macroeconomic concepts including: circular flow of income and product, national income, equilibrium level of domestic income, fiscal policy, money and banking, international trade, inflation, and unemployment.

Students will receive credit for only one of ECON 1221 or 4810. ECON 1221 may not be used to satisfy the ECON 4810 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Education Assistant (EDAS)

The following education assistant courses are restricted to students admitted to the education assistant program. For certificate completion, all courses must be completed with a minimum "C-" grade and all practicums must be completed with an "S" grade.

EDAS 1100 (3 CREDITS) (4:0:0)

Behavioural Theory

In this foundation course, students will investigate theories and learn principles of behaviour and behaviour support that help in understanding why children and adolescents behave as they do and how different interventions may influence behaviour. Students will learn how to determine individual differences and patterns of behaviour through functional behaviour assessment. With this understanding students will articulate an initial framework for their philosophy and approach to behaviour of typical children and children with special needs.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

EDAS 1110 (3 CREDITS) (4:0:0)

The Process of Learning

In this foundation course, students will investigate models of learning and discover connections to effective instructional strategies for diverse learners. Students will have the opportunity to discuss observations about their own and others' learning strengths and styles.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

EDAS 1111 (3 CREDITS) (0:0:9)

Practicum I

This practicum is either in an elementary or secondary school setting. The focus of the first practicum is integration of foundation knowledge learned in first term courses. It is also expected that students will start to learn about resources and apply support strategies as prescribed by the school. Graded S/U.

It is understood that education assistants in the public school system work at the direction of teachers, administrators, and other professionals.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

EDAS 1120 (3 CREDITS) (0:0:4)

The Education Assistant Role in the Education System

In this foundation course, students will develop an understanding of the role and responsibility of people at all levels of the school system (ministry, district, and school), and how the role of the education assistant fits within the context of the school and district. Students will also be required to demonstrate an understanding of what it means to act in a professional manner and to be aware of how their system of values and beliefs affect practice.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

EDAS 1130 (3 CREDITS) (4:0:0)

Supporting Personal Care

In this practical course, students will learn the range of health and personal care supports they may encounter. They will understand their role as a member of the students' team in planning and teaching skills to support the health and physical care needs of the student.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

EDAS 1140 (3 CREDITS) (0:0:4)

Child and Adolescent Development in the School Context

In this foundation course, students will acquire an understanding of the physical, social, emotional, cognitive, and moral development that occurs from infancy to adolescence. It is also essential that education assistant students understand the major developmental theories and how these inform educational practices both in typical children and children with special needs in the context of the classroom.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

EDAS 1200 (3 CREDITS) (0:0:4)

Supporting Positive Behaviour

In this practical course, students will focus on positive behavioural support that enhances student participation and interaction with others. Knowledge about a variety of approaches, proactive program design, and support strategies will be central to blending theory from Term One to practice in Term Two.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

Prerequisite(s): A minimum "C-" grade in EDAS 1100.

EDAS 1210 (3 CREDITS) (0:0:4)

Supporting Learning

In this practical course, students will learn how they can support individual learning by applying theory learned in term one to various curriculum areas. They will become knowledgeable about curriculum implementation through a variety of related instructional strategies and adaptations or modifications. They will be prepared to offer observations about the students' learning and instructional strategies to support them in meeting their individualized goals in either the academic or life skills curriculum areas.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

Prerequisite(s): A minimum "C-" grade in EDAS 1110.

EDAS 1211 (3 CREDITS) (0:9:0)

Practicum II

This practicum is in either an elementary or secondary school setting, depending on the student's first experience. The focus of this second practicum is to apply and consolidate knowledge and skills learned in the program and to demonstrate skills of critical thinking and reflection to improve practice. Graded S/U.

It is understood that education assistants in the public school system work at the direction of teachers, administrators, and other professionals.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

Prerequisite(s): An "S" grade in EDAS 1111.

EDAS 1220 (3 CREDITS) (4:0:0)

Supporting Teamwork

This practical course is designed to foster effective team skills particularly relevant to the cooperative and collaborative nature of the work of education assistants. Students will have the opportunity to practice and improve upon the skills necessary for effective team planning.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

EDAS 1230 (3 CREDITS) (0:0:4)

Supporting Student Communication

In this practical course, students will develop their understanding of the role in supporting the communication needs of students. They will learn how augmented and alternative modes of communication are developed and be able to develop some basic visual supports.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

EDAS 1240 (3 CREDITS) (0:15:0)

Current Issues in Education and the Education Assistant

The education assistant, under the supervision of a teacher and within the classroom, must be able to offer one-on-one and small group support to students facing significant challenges. To address current issues in education that have a direct impact on the role of the education assistant in the classroom, topics may include, but are not limited to, the increased incidence of students who are labelled on the autism spectrum (ASD), the increased incidence and needs of students who have mental health challenges, and the needs of students who are refugees. Content and instructional strategies will be provided in the context of "best practice observations" in schools and community support services. Field observations and recordings will assist in making critical links between coursework and practice. Graded S/U.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

Prerequisites(s): A minimum "C-" grade in EDAS 1100.

English (ENGL)

LANGARA ENGLISH TEST AND LANGUAGE PROFICIENCY INDEX

Students planning to enrol in a first-semester English course must take the Langara English Test (LET) or Language Proficiency Index Test (LPI) prior to the semester in which they want to register. Students who have a minimum 70% grade in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent are not required to write the LET or LPI.

PREREQUISITES

LET LEVEL	LPI EQUIVALENT
LET 0	LPI 0
LET 1	LPI Less than 24 on the essay
LET 2	LPI 24 or 25 on the essay
LET N02	No LPI Equivalent
LET 3	LPI 26 on the essay with one of the following: • 5/10 or higher in sentence structure; or • 5/10 or higher in English usage; or • 10/20 or higher in reading comprehension.
LET 4	LPI 26 on the essay with minimum: • 5/10 in sentence structure; and • 5/10 in English usage; and • 10/20 in reading comprehension.
LET 5	LPI 30 on the essay with minimum: • 5/10 in sentence structure; and • 5/10 in English usage; and • 10/20 in reading comprehension.

REPEATING A COURSE

Students may take a first-semester English course a maximum of two times. (For the purpose of this rule, ENGL 1123, 1127, and 1128 are regarded as the same course.) The chair of the humanities division or the department chair of English may waive this rule in exceptional cases, particularly if the student can provide evidence of upgrading.

FIRST YEAR ENGLISH COURSES

Note

Students will receive credit for only one of ENGL 1123, 1127, or 1128.

Students will receive credit for only one of ENGL 1129 or 1130.

ENGL 1125, 1135, 1181, and 1191 may be taken in any order.

ENGL 1099 (3 CREDITS) (4:0:0)

Writing Clearly and Communicating Effectively in a Canadian Context II

This is a course designed for post-degree, internationally educated students who would like to further enhance their knowledge and competency in the fundamental skills of communication with an emphasis on reading and writing. This course will build on the material learned in ENGL 1098 and will allow students to further develop their skills. This course does not carry transfer credit, nor may it be used toward a Langara credential except in the Post-Degree Certificate in Diversity and Inclusion Leadership.

This course does not act as a prerequisite to first year English courses. Graded S/U.

Registration in this course is restricted to students admitted to the Post-Degree Certificates in Diversity and Inclusion Leadership, Nursing Leadership and Management; and the Post-Degree Diplomas in Nursing Practice in Canada, Web and Mobile App Design and Development, Business Administration, Marketing Management, Accounting, and Applied Planning.

Prerequisite(s): An "S" grade in ENGL 1098.

ENGL 1100 (3 CREDITS) (3:1:0)

Reading and Writing about Literature

ENGL 1100 is a writing-intensive introduction to the disciplines of literary studies. Students will examine three or four literary texts in their critical and scholarly contexts in regard to a single interdisciplinary topic and from the perspectives of at least three sub-disciplines of literary studies, such as narratology, historiography, psychoanalytic criticism, eco-criticism etc.

Note: Students intending to pursue studies in the Faculty of Arts at the University of British Columbia should choose ENGL 1100. Students entering other faculties at UBC or planning to transfer to other institutions should take ENGL 1123, 1127, or 1128 instead of ENGL 1100.

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C" grade in three credits of university-transferable English.

ENGL 1106 (6 CREDITS) (8:0:0)

ACCESS Langara I

ENGL 1106 is designed for second-language speakers who may not meet the regular studies entrance requirements and/or those who require intensive English upgrading to prepare to succeed in regular studies courses. Students will review basic grammar rules and will practice sentence, paragraph, and essay writing skills. Students will also be introduced to college resources to help integrate into the college community. ENGL 1106 does not carry transfer credit, nor may it be used towards a Langara credential except the Citation in Access Langara. A passing grade in ENGL 1106 will allow students to progress to English 1120. Graded S/U.

Registration in this course is restricted to students admitted to the Citation in Access Langara.

ENGL 1107 (3 CREDITS) (4:0:0)

Language and Composition I

This is a course designed for students of English as a Second Language at the post-secondary level who require additional training in the fundamental skills of reading and writing. It covers both oral and written communication but emphasizes reading and composition. If you have a below-standard score on the LPI or the LET, you may earn entry to ENGL 1123 by achieving a passing mark in ENGL 1107. This course does not carry transfer credit, nor may it be used towards a Langara College credential. Graded S/SR/U.

Prerequisite(s): LET 2 or IELTS 6.5 (or equivalent.

ENGL 1108 (3 CREDITS) (4:0:0)

Language and Composition II

This course is designed for English as a second language students (and serves as a follow-up course for ENGL 1107) who received a "SR" grade rather than an "S" grade in ENGL 1107. The course covers writing, grammar and reading at a more advanced level than ENGL 1107, and students with an "S" grade in ENGL 1108 may go directly to ENGL 1123. This course does not carry transfer credit and cannot be used toward a certificate, diploma or associate degree. This is a course designed for students of English as a second language at the post-secondary level who require additional training in the fundamental skills of reading and writing. It covers both oral and written communication but emphasizes reading and composition. If you have a below-standard score on the LPI or the LET, you may earn entry to ENGL 1123 by achieving a passing mark in ENGL 1107. This course does not carry transfer credit, nor may it be used towards a Langara College credential. Graded S/SR/U.

Prerequisite(s): An "SR" grade in ENGL 1107.

ENGL 1110 (3 CREDITS) (4:0:0)

Writing and Grammar Skills

This course teaches intermediate grammar and essay writing to speakers of English as a first language who scored a level 3 on the Language Proficiency Index, or a LETN 02, or who have been recommended by the English department. Emphasis is on teaching the essay writing skills required for ENGL 1123. A pass in the course meets the prerequisite requirements for ENGL 1123. This course does not carry transfer credit and cannot be used toward a certificate, diploma or associate degree. Graded S/SR/U.

Prerequisite(s): Speaker of English as a first language and a Langara English Test score of LETN 02 or by permission of the English department. If you have an LPI score of 22, please contact the English department chair for correct placement.

ENGL 1120 (3 CREDITS) (4:0:0)

ACCESS Langara II

ENGL 1120 introduces students to critical thinking, reading, and writing in an academic context. Supported by an intensive focus on grammar, students will develop effective reading and writing processes, editing techniques, and other strategies for writing designed specifically for students whose first language is not English.

ENGL 1120 does not normally carry transfer credit, nor may it be used toward a Langara credential except the Citation in Access Langara.

By earning a minimum "C" grade in ENGL 1120, students will achieve the equivalent of an LET 3, allowing them to register in regular studies courses with the LET 3 prerequisite.

Priority registration in this course is offered to students admitted to the Citation in Access Langara.

Prerequisite(s): An "S" grade in ENGL 1106.

ENGL 1121 (3 CREDITS) (4:0:1)

Reading and Writing Skills

ENGL 1121 provides instruction and practice in intermediate reading and writing skills. Emphasis is on reading college-level non-fiction texts and writing accurate summaries. Some analysis is expected. Students will also be expected to spend an hour per week in the Writing Centre.

ENGL 1121 does not normally carry transfer credit, nor may it be used toward a Langara credential.

Prerequisite(s): One of the following: LET 3; a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

ENGL 1123 (3 CREDITS) (3:1:0)

Introduction to Academic Writing

Students read and analyze a variety of texts in order to develop techniques of research, critical thinking, close reading, and clear writing in an academic context. Course readings, which include a selection of scholarly articles, are drawn from at least three academic disciplines. By exploring and responding to a range of topics, students develop a foundation for post-secondary writing.

Students will only receive credit for one of ENGL 1123, 1127, or 1128.

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C" grade in three credits of university-transferable English.

ENGL 1125 (3 CREDITS) (3:4:0)

Introduction to Linguistics: Contemporary

This course introduces students to various descriptions of language, with special attention to recent models. It covers the nature and acquisition of language and how to analyze its sounds, words, and sentences.

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C" grade in three credits of university-transferable English.

ENGL 1127 (3 CREDITS) (3:1:0)

Introduction to College Writing

Preparation for higher level academic writing requires foundational college-level writing skills. Through the analysis of a variety of short prose works, students develop critical reading skills and learn to craft clear, organized essays in both expository and argumentative styles. The course emphasizes proper use of primary and secondary sources, with instruction in citation practices that support academic integrity,

Students will receive credit for only one of ENGL 1123, 1126, 1127, or 1128.

ENGL 1128 (3 CREDITS) (3:1:0)

Short Prose Selections and Composition

ENGL 1128 introduces students to the principles of composition through the study of various kinds of essays, including the research essay. It also emphasizes an appreciation of modern prose writing through the study of both short stories and essays. Most writing assignments are related to the literature studied. Because this course is designed for students with superior writing skills, more intensive reading will be required.

Students will receive credit for only one of ENGL 1123, 1127, or 1128.

Students intending to pursue studies in the Faculty of Arts at the University of British Columbia should choose ENGL 1100.

Prerequisite(s): One of the following: LET 5 (or LPI equivalent) or a minimum 85% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent.

ENGL 1129 (3 CREDITS) (3:1:0)

Modern Novel, Poetry, and Drama

This course introduces students to the modern novel, to a selection of poems, mainly from the twentieth century, and to a sampling of modern drama. Writing assignments are related to the literary works studied.

Students will receive credit for only one of ENGL 1129 or 1130.

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C" grade in three credits of university-transferable English.

ENGL 1130 (3 CREDITS) (3:1:0)

Modern Novel, Poetry, and Film

This course introduces students to the modern novel, to a selection of poems, mainly from the twentieth century, and to the dramatic elements and narrative techniques of modern film. Writing assignments are related to the works studied. A feature film series accompanies the course, in addition to class hours.

Students will receive credit for only one of ENGL 1129 or 1130.

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C" grade in three credits of university-transferable English.

ENGL 1135 (3 CREDITS) (3:1:0)

Introduction to Linguistics: Historical

This course introduces students to the history and development of the English language from its origins in the Indo-European family through Anglo-Saxon and Middle English to its present day form. It studies the changes that have taken place in sounds, spelling, and ordering, as well as the ways in which English has enriched its vocabulary.

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

ENGL 1136 (3 CREDITS) (3:1:0)

Introduction to Creative Writing

Students will explore the art of storytelling through poetry, fiction, and other literary forms. In this course, students examine techniques and tools specific to at least three genres, honing their unique voice as both writer and reader. Through guided workshops, peer feedback, and close readings of exemplary works, they will sharpen their craft and develop a critical lens for revision. Students will complete a portfolio of revised work that demonstrates their growth across multiple genres.

Prerequisite(s): One of the following: LET 3; a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C" grade in three credits of university-transferable English.

ENGL 1181 (3 CREDITS) (3:1:0)

History of Drama and Theatre I

This course is a study of drama and theatre history of the Primitive, Greek, Roman, Medieval, and Renaissance periods. Students will be given a combination of written and oral assignments.

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C" grade in three credits of university-transferable English.

ENGL 1191 (3 CREDITS) (3:1:0)

History of Drama and Theatre II

This course is a study of drama and theatre history of the Restoration and the eighteenth, nineteenth, and twentieth centuries. Students will be given a combination of written and oral assignments. (This course is usually preceded by ENGL 1181, but it can be taken either before or along with ENGL 1181.)

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C" grade in three credits of university-transferable English.

ENGL 1395 (3 CREDITS) (3:1:0)

Special Topics for Field Studies

English 1395 provides a substitute course and alternative credit for students who may already have credit for an English course that is being offered as part of a Field Studies program, or for students who may not have a prerequisite for a course that is part of a Field Studies program. This substitute course will reflect the topics and learning objectives of the original course in the Field Studies program.

Registration in this course is restricted to students admitted to the following programs: Field Study: Europe, Field Study: Gothic, Field Study: Caribbean, and Field Study: Theatre (New York).

Prerequisite(s): One of the following: LET 4 (or LET 3 with a strong recommendation of concurrent registration in ENGL 1121); a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

ENGL 2100 (3 CREDITS) (3:1:0)

Principles of Traditional Grammar

In this course, students will study traditional methods used to describe the spoken and written forms of English. Students will become familiar with terms and categories including major and minor parts of speech as well as sentence, clause, and phrase types. Students will learn to parse sentences and to identify clause and phrase functions. Students will also examine the prescriptive features of traditional grammar, with particular emphasis on the influence of the 18th and 19th century grammarians.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2222 (3 CREDITS) (3:1:0)

Classical Literature in Translation

ENGL 2222 functions as a precursor to ENGL 2223 and 2224, surveying the literature of the classical world. The course explores the foundations upon which western literature was built and establishes frames of reference for Greek and Roman literature, including, but not limited to, historical, social, literary, theoretical and cultural backgrounds.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2223 (3 CREDITS) (3:1:0)

English Literature to 1680

This course introduces students to the tradition of early English literature, focusing on Chaucer, Shakespeare, and Milton. Term papers are required. ENGL 2223 and 2224 may be taken in any order.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2224 (3 CREDITS) (3:1:0)

English Literature from 1680–1900

This course explores a range of English literature by focusing on major authors and literary forms from the Restoration to the late nineteenth century. Term papers are required. ENGL 2223 and 2224 may be taken in any order.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2225 (3 CREDITS) (3:1:0)

Canadian Literature

This course provides a survey of Canadian literature, focusing on a selection of representative works from two or more genres (e.g. poetry, novels, drama, non-fiction prose, etc.). In addition, the course will note some of the characteristic patterns and trends in Canadian literature.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2226 (3 CREDITS) (3:1:0)

Writing Lives I

Many communities have survived collective trauma, dislocation, or transformation. Students examine literature related to and arising from the collective experience to gain an understanding of the cultural and historical contexts in which the events took place, the dimensions of the experience, and its ramifications. Students read and analyze texts, hear from guest speakers, and conduct research on the ongoing impacts of the collective experience. Class activities will prepare students for the interview and memoir creation process at the heart of Writing Lives II.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2230 (3 CREDITS) (4:0:0)

Survey of Narrative Film

This course will examine major historical movements in narrative cinema, with particular emphasis on genres and stylistic shifts in acting, scripting, and production design. Film showings will be accompanied by introductory lectures and following discussions. A research project is required in addition to examinations.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2231 (3 CREDITS) (3:1:0)

World Literature in English

Students in this course will study 20th and 21st century literature written in English outside the traditional British/North American contexts. Course themes and content, as determined by the English Department, may vary each semester. Check the Registration Guide for details.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2233 (3 CREDITS) (3:1:0)

Prose Fiction

Students in this course will study prose fiction in a variety of forms with the goal of improving their strategies for reading and writing about 20th and 21st century prose. Course themes and content, as determined by the English Department, may vary each semester. Check the Registration Guide for details.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2234 (3 CREDITS) (3:1:0)

Literature from a Feminist Perspective

This course concentrates on literature written by women and about women but welcomes students of both sexes. Depending upon the instructor, the focus of the course may be fiction, poetry, drama, or criticism, taking into consideration feminist viewpoints. Term papers are required.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2235 (3 CREDITS) (3:1:0)

American Literature

This introductory course explores a selection of major writers and themes and gradually builds a view of the distinctive features of American literature. Writing assignments are related to the works studied.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2236 (3 CREDITS) (3:1:0)

Creative Writing: Prose Fiction

This study of the short story emphasizes individual student writing, but the course also includes some analysis and discussion of recent and current directions in prose fiction. You will be expected to complete one or two average-length short stories and participate in writing workshops.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2237 (3 CREDITS) (3:1:0)

Exploring Literature

This course examines one genre, theme, or national literature. Contents vary with instructor and semester. Check the Registration Guide and Course Schedule each semester for details. Term papers and extensive reading are required.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2238 (3 CREDITS) (3:1:0)

Studies in Drama

Students in this course will study a variety of plays with the goal of improving their strategies for reading and writing about dramatic texts. Term papers and extensive reading will be required. Course themes and content may vary as determined by the English Department each semester. Check the Registration Guide for details.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2239 (3 CREDITS) (3:1:0)

Studies in Poetry

The course examines a broad range of poems, mostly from the twentieth century. It focuses on questions of form, style, theme, and craft in order to develop an appreciation of the richness and variety of poetic expression. Term papers, oral presentations, and active involvement in discussions are required.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2246 (3 CREDITS) (4:0:0)

Creative Writing: Stageplay

Students will read and study some professionally written one-act plays, but the central focus of the course will be on developing a one- or two-act play for the stage, revised on the basis of dramatic reading workshops. Preliminary assignments will include a short prose narrative, some character sketches, and exercises in the languages of dialogue, action, and setting.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2256 (3 CREDITS) (4:0:0)

Creative Writing: Screenwriting

Students will study the elements of screenwriting and develop a synopsis and character back stories before writing the first thirty pages of an original screenplay. Through dialogue workshops with trained actors and a director, students will revise and polish scenes. Selected scenes will be performed and videographed in a studio.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2258 (3 CREDITS) (3:1:0)

Indigenous Literature

The Truth and Reconciliation Commission's Calls to Action recognize the vital role of education in reconciliation. Students examine Indigenous literature in a variety of genres from different historical periods, using theoretical approaches that consider the differences between Indigenous and colonial worldviews and values. Themes include creation stories, the impact of colonization, the experience of Indigenous women and girls, and Indigenous resurgence and resistance.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2266 (3 CREDITS) (4:0:0)

Creative Writing: Poetry

Students will study examples of contemporary poetry and poetic theory, but our central focus will be the writing of poems. In a supportive workshop environment, writers will read their work and receive feedback. Each writer will produce a portfolio of their eight best poems, revised and presented according to standard publishing guidelines.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2276 (3 CREDITS) (4:0:0)
Creative Writing: Non-Fiction
Students will study the forms and techniques of the personal essay. While students will analyze samples from a variety of professional writers, the focus of the course will be on the development of the students' own writing abilities. Students will keep a creative journal and will produce two 6-10 page personal essays. They will be encouraged to submit work for publication and to participate in public readings.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2286 (3 CREDITS) (2:1:1)
Writing Lives II
A firsthand account of a collective experience is a powerful historical document. The culmination of the Writing Lives project involves the generation of a first-person memoir in collaboration with a survivor. Integrating knowledge gained in Writing Lives I, students work in groups to establish interview protocols, conduct and transcribe interviews with a survivor, and shape the material into a memoir, which they revise and edit in collaboration with their interview subject. Students plan a closing event to present a copy of the memoir to their collaborator and mark the conclusion of the project.

Prerequisite(s): A minimum "C" grade in ENGL 2226.

ENGL 2327 (3 CREDITS) (3:1:0)
Intermediate Composition II
Building on what students have learned in ENGL 2227 (or equivalent), ENGL 2327 students will continue their studies of rhetoric, "the art of persuasion." Through close analysis of various kinds of prose models, students will improve their critical reading and writing skills. They will learn various strategies for discovering and developing various kinds of arguments, including dialectic, inductive, deductive, narrative, oral, and visual arguments.

Prerequisite(s): A minimum "C-" grade in ENGL 2227 or equivalent.

ENGL 2330 (3 CREDITS) (4:0:0)
Studies in Canadian Cinema
This course examines the historical development, accomplishments, limitations, and possible future directions of Canadian cinema. Film viewings will range from early silent works to contemporary French and English-language productions.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2430 (3 CREDITS) (3:1:0)
Film through Theory
This course examines the language of film criticism, history, and discourse, while studying the forms of narrative, cinematography, and direction within a theoretical context. Specifically designed for those students with a serious interest in cinema, the course will concentrate on the important cinematic and theoretical texts that govern current critical views of film, including formalist, psychoanalytical, semiological, feminist, and post-Marxist. Short films and film clips will be shown in class; students will be asked to view longer films on their own outside of class.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2530 (3 CREDITS) (4:0:0)
Studies in Film Genre or Period
This course examines one or more film genres or periods, such as film noir, silent films, and films of the 1970s, as well as various national or regional cinemas. Essays are required.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

ENGL 2630 (3 CREDITS) (3:1:0)
American Cinema 1930–1960
This course examines Classical Hollywood Cinema: its narrative mode and subversions of it, its history from 1930 to 1960, its technology, its genres, the studio system, and how it affected film content and style in this period. Furthermore, it investigates connections between classical films and key historical events: the Great Depression, World War II, and the Cold War. Feature film showings will be accompanied by introductory lectures and discussion.

Prerequisite(s): A minimum "C" grade in six credits of first-year, university-transferable English; or a minimum "B" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, 1129, 1130, 1181, or 1191.

Environmental Studies (ENVS)

ENVS 1105 (0 CREDITS) (0:2:0)
Diploma in Arts and Science (Environmental Studies) Seminar
A non-credit, non-fee course consisting of a series of seminars, films, and speakers focusing on the environment. This course is intended to provide an introduction to environmental issues and the Diploma in Arts and Science (Environmental Studies). Required for the Diploma in Arts and Science (Environmental Studies).

ENVS 2100 (3 CREDITS) (3:1:0)
Environmental Sustainability in Practice
Environmental Sustainability in Practice introduces local urban environmental topics through which the student develops research, communication, project management, and group skills. This cross-disciplinary course will inform and challenge students' perspectives of their world, while providing the opportunity to identify problems and develop solutions.

Participation in field trips is required. This core course in the Environmental Studies program is open to students in other disciplines.

Prerequisite(s): A minimum "C-" grade in one of the following: ENGL 1100, 1123, 1127, or 1128; or permission of the instructor or Environmental Studies coordinator.

ENVS 2410 (3 CREDITS) (4:0:0)

Environmental Law

An introduction to environmental law with special reference to British Columbia. Topics include how laws are formulated and revised, review of key current international, federal and provincial environmental legislation and how it operates in reality, compliance and enforcement, due diligence, and the legal responsibilities of individuals, companies, and governments in environmental protection. Required for the Diploma in Arts and Science (Environmental Studies).

Prerequisite(s): A minimum "C-" grade in ENGL 1123, 1127, or 1128; or permission of the coordinator.

ENVS 2470 (3 CREDITS) (2:0:3)

Field School

A practical field methods course, including lectures (spring semester) and a mandatory, off-campus, field component shortly after the final examinations period (end of semester). Team taught, the course will feature techniques used for terrain analysis, mapping, inventory of ecosystems, water quality testing, and report writing. Required for the Diploma in Arts and Science (Environmental Studies).

Prerequisite(s): A minimum "C-" grade in two of the following: BIOL 1115, 1118, 1215, 1218, CHEM 1117, 1120, 1217, GEOG 1155; GEOG 1190, GEOL 1107, or 1110; or permission of the environmental studies coordinator.

Experiential Learning (EXPE)

EXPE 2300 (3 CREDITS) (3:2:0)

Employment Strategies for Current Labour Markets

Formerly COOP 2300

EXPE 2300 is a combined lecture/seminar course that will provide students with knowledge of what it takes to get a job in today's constantly changing workplace. This course will give students a chance to learn as well as practice each of the steps towards attaining a job, including self-assessment; resumé and cover letter writing; networking and interviewing skills; as well as job search tactics. By completing this course, each student will have the resources to make a positive, lasting impression on prospective employers. This course complements other curriculum already offered in career programs with the co-operative education option and is designed to further develop specific competencies related to employment in the student's field of study. The final project is to produce a professional career portfolio.

This course is a prerequisite for participation in co-operative education.

Students will receive credit for only one of BUSM 2300, COOP 2300, or EXPE 2300.

Prerequisite(s): One of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C-" grade in a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; or LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

EXPE 4800 (3 CREDITS) (4:0:0)

Craft Your Career

Finding meaningful work takes time, research, and planning. Students explore diverse perspectives and strategies that will lead to personal success in career planning. Through direct contact with industry professionals and career educators, students investigate practical strategies and tools to successfully job search and participate in the Canadian workforce. They develop tools and techniques to help them pursue employment in their chosen career. Relevant subjects include job search mindset, personal branding, targeted job applications, social media, networking, interview skills, workplace expectations, typical employment standards, and policies of Canadian businesses.

Registration in this course is restricted to students admitted to post-degree diploma programs with a work term option.

EXPE 4801 (1 CREDIT) (1.5:0:0)

Career Goals, Resumés, and Cover Letters

Formerly COOP 4801

This course is meant to focus and prepare students to effectively create targeted job applications to utilize when applying for career positions. In EXPE 4801 students will learn what employers look for when screening job applications, how to read and interpret job postings, and how to create relevant, job specific targeted resumés and cover letters that will impress employers and increase their odds of getting interviews. This course is the first in a series of three that is ultimately aimed at preparing students with job ready employability skills that they can utilize to advance their careers.

Students will receive credit for only one of COOP 4801 or EXPE 4801.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Accounting, Applied Planning, Business Administration, Marketing Management, and Web and Mobile App Design and Development.

EXPE 4802 (1 CREDIT) (1.5:0:0)

Interviews and Your Professional Image

Formerly COOP 4802

This course is the second in a series of three, and will continue where EXPE 4801 left off, by transitioning students from targeted job applications, to the next phase of the job application process. In this course students will learn of the significant impact

that their professional image can have on attracting potential employers and on obtaining career employment. It will also train students how to effectively engage in interviews, and networking from a Canadian business context. This course will be very practical, and students will be able to apply the content and activities from classes directly to their personal job search; increasing their chances of gaining employment.

Students will receive credit for only one of COOP 4802 and EXPE 4802.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Accounting, Applied Planning, Business Administration, Marketing Management, and Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in EXPE 4801.

EXPE 4803 (1 CREDIT) (1.5:0:0)

Employment Search Strategies

Formerly COOP 4803

This course is the third course in a series of three, and will transition students from searching for employment to successfully entering the workforce. Having covered targeted job applications in EXPE 4801, and interviewing and networking in EXPE 4802, this course will focus on job search strategies as well as workplace expectations and typical standards and policies of Canadian businesses. Additionally, this course will include workplace etiquette and behaviour, as well as managing and respecting cultural diversity. Lastly students will incorporate what they have learned from the first two courses and formulate an individual job search plan targeting specific employers or sectors.

Students will receive credit for only one of COOP 4803 or EXPE 4803.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Accounting, Applied Planning, Business Administration, Marketing Management, and Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in EXPE 4801 and 4802.

EXPE 4814 (3 CREDITS) (0:23:0)

Work Experience Term – BUSM

Formerly BUSM 4804

During a term of full-time employment (minimum 300 hours over a 16-week term), students will have the opportunity for practical application of theoretical knowledge gained in academic studies to enhance their skills and to provide professional and personal development. Evaluation will consist of employer feedback, workplace reflection, and final work term report. Students are responsible for finding a suitable work experience with the assistance of the Langara Co-op and Career Development Centre. Graded S/U.

Students will receive credit for only one of BUSM 4804 or EXPE 4814.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Business Administration and Marketing Management.

Prerequisite(s): Completion of a minimum of 30 credits including a minimum "C" grade in EXPE 4800; or EXPE 4801, 4802, and 4803.

EXPE 4824 (3 CREDITS) (0:20:0)

Work Experience Term – APPL

Work experience and report. Practical application of theoretical knowledge gained in academic studies to enhance skills and to provide professional and personal development. Work placements consist of full-time work in the planning field. Evaluation will consist of employer evaluation, work term report, and presentation.

Students will receive credit for only one of APPL 5410 or EXPE 4824.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Applied Planning.

Prerequisite(s): A minimum "C" grade in EXPE 4800 or EXPE 4801, 4802, and 4803.

EXPE 4834 (3 CREDITS) (0:23:0)

Work Experience Term – WMDD

During a term of full-time employment (minimum 300 hours over a 16-week term) students will have the opportunity for practical application of theoretical knowledge gained in academic studies to enhance their skills and to provide professional and personal development. Evaluation will consist of employer feedback, workplace reflection and final work term report. Students are responsible for finding a suitable work experience with the assistance of the Langara Co-op and Career Development Centre.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App, Designer Stream (Experiential Learning) and Developer Stream (Experiential Learning).

Prerequisite(s): A minimum "C" grade in EXPE 4801, 4802, and 4803; and successful completion of a minimum of 54 credits.

EXPE 4844 (3 CREDITS) (0:26:0)

Work Experience Term - Data Analytics

During a term of full-time employment (minimum 300 hours over a 16-week term), students will have the opportunity for the practical application of theoretical knowledge gained in academic studies to enhance their skills and provide professional and personal development. Evaluation will consist of employer feedback, workplace reflection, and a final work term report. Students are responsible for finding suitable work placements.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics.

Prerequisite(s): Completion of a minimum of 40 credits including a minimum "C" grade in EXPE 4800; or a minimum "C-" in EXPE 4801 and 4802, and a minimum "C" grade in EXPE 4803.

Family Studies (FMST)

FMST 1105 (0 CREDITS) (2:0:0)
Lecture Series
This is a non-credit, no-fee course consisting of a series of lectures on family-related themes addressed from a wide range of disciplines and/or professional concerns. For students not conducting a supervised project on a topic related to marriage and/or family issues, this course is a requirement for the Diploma in Arts and Science (Family Studies) and for the Associate of Arts Degree, Area of Concentration: Family Studies.

FMST 1115 (3 CREDITS) (4:0:0)
Perspectives on Family Studies
This course introduces students to the definitions, concepts, experiences, dynamics, and theories of family through an interdisciplinary approach. It examines the distinctive features of families as a social group, their internal relations, historical development, and future directions. In addition, historical and contemporary social policy will be considered with respect to families.

Field Studies - Canadian (FSCA)

FSCA 1100 (0 CREDITS) (0:0:0)
Haida Gwaii Field School
This new field studies program delivers university-transfer credits in ABST 1115, BIOL 1118, ENGL 1123, 1127, and GEOG 1190 in a unique format and context.

Students will spend classroom time at Langara College learning about Haida Gwaii and the people who live there. This will be followed by a two-week field trip to Haida Gwaii.

During the field trip, students will tour the Haida Gwaii islands along with the program instructors by land and by sea, and will explore ancient Haida village sites, visit with the local population, and investigate the distinctive natural and cultural riches of the area. Graded S/U.

Students must satisfy the general admission requirements of the College. In addition, a short essay outlining each student's interest in participating in the program will be required.

Prerequisite(s): Permission of the department.

FSCA 1110 (0 CREDITS) (0:0:0)
Fraser River Field School
Field Studies on the Fraser River. Graded S/U.

Field Studies - International (FSIE)

FSIE 1110 (0 CREDITS) (0:0:0)
China Field School
The China Field School is a program conducted in China in association with Beijing Language and Culture University. Three courses are being offered including Mandarin at the beginners and intermediate level and an Asian studies course on contemporary China. Graded S/U.

FSIE 1111 (0 CREDITS) (0:0:0)
European Field Studies
Students travel to one or more regions of Europe to complete up to four courses from a variety of disciplines that focus on artistic, social, cultural, historical, political, environmental, and/or geographical topics. Through attending on-site lectures, visiting numerous field sites, and/or interacting with local people/students, participants will gain insight into European and Western culture. The specific courses in the program will vary depending on the location of the field studies and the combination of subjects. Graded S/U.

FSIE 1112 (0 CREDITS) (0:0:0)
Latin American Studies
A one-semester interdisciplinary, university-transfer field school that includes several weeks of travel and study in a Latin American country. Destination/country of study and specific course offerings vary with each field school. This field school normally includes at least three courses (nine credits) drawn from a range of disciplines. Graded S/U.

FSIE 1113 (0 CREDITS) (0:0:0)
Study in Thailand
Study in Thailand is a program having an extensive field trip in Thailand. The specific courses within the program may vary, but all the courses within the program have university-transfer credit. Study in Thailand offers an introduction to the past, present, and future of Thailand, from its origins to its current resource issues. Graded S/U.

FSIE 1114 (0 CREDITS) (0:0:0)
Religious Studies Field School
The Religious Studies Field School is a program conducted in various locations, both domestic and overseas. Regular university-transferable courses addressing topics in religion are taught in a combination of intensive on-campus study and a more extensive field study. Graded S/U.

FSIE 1115 (0 CREDITS) (0:0:0)
Study in Greece
Study in Greece is conducted in various locations in Greece. Students enrol in HIST 1190 and/or other such courses as may from time to time be offered as part of this program. The program is about four and a half weeks long. It consists of one week of classes in Vancouver followed by a short stay in London to visit the British Museum, and then three full weeks in Greece. The itinerary in Greece always includes time in Athens, Delphi, and Mycenae and environs, but the precise itinerary for the other sites to be visited varies from year to year. Not offered every year. Graded S/U.

FSIE 1116 (0 CREDITS) (0:0:0)
Study in London
This program will offer students the opportunity to study and live in one of the most exciting cities in the world! Classes will be held in art galleries, churches, and museums so that students will have the opportunity to study primary material first hand. Students will attend live performances of theatrical productions and visit numerous sites and monuments of historical and literary significance. Graded S/U.

FSIE 1118 (0 CREDITS) (0:0:0)

Tuscany Field School

This program provides an overseas opportunity for students to visit art projects in Florence and various small Tuscan towns. Students will evaluate, first-hand, masterpieces that reflect the excellent cultural values so much a part of Western tradition. Graded S/U.

FSIE 1119 (0 CREDITS) (0:0:0)

Study in Italy

This course will offer students the opportunity to study and live in one of the most exciting countries in the world! Classes will be held in art galleries, churches, and museums so that students will have the opportunity to study primary material first hand. Students will visit numerous sites and monuments of historical and artistic significance. Graded S/U.

FSIE 1120 (0 CREDITS) (0:0:0)

Theatre History Field Studies

This is a Field Studies course that introduces students to the history of Western drama and theatre by travelling to London or New York. Educational activities, including live performances, walking and backstage tours, museum visits, public forums, and staged readings, will provide students with a vibrant learning experience. Students will complete a combination of written and oral assignments. They will receive credit for ENGL 1181 or 1191.

Prerequisite(s): One of the following: LET 4 (or LET 3 with strong recommendation of concurrent registration in ENGL 1121) or LPI equivalent; a minimum 80% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; or a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

FSIE 1123 (0 CREDITS) (0:0:0)

Gothic Field Studies

Study Gothic film and literature as you tour Gothic sites and events in the UK Live and study in various UK cities. Classes will take place in theatres, museums, castles, and underground vaults. Graded S/U.

Students must be accepted into the Gothic Field Studies program.

FSIE 1124 (0 CREDITS) (0:0:0)

Field Studies in Asia

The Field Studies in Asia is a program conducted in a chosen Asian country/region. Students will be exposed to the respective language, history, culture, arts, and business practices by receiving on-site lectures, visiting numerous field sites, and interacting with local people/students through various cultural activities. Typically two university-transferable courses from Asia related subjects/disciplines will be chosen and offered together as one field studies program. The specific courses within the program will vary depending on the location of the field studies and the combination of subjects. Graded S/U.

Students must be accepted to the Field Studies in Asia program.

FSIE 1125 (0 CREDITS) (0:0:0)

Caribbean Field Studies: Land and People

Students travel to one region of the Caribbean to complete up to three courses from a variety of disciplines that focus on social, cultural, political, environmental, and/or geographical topics of the Caribbean.

Students must be accepted into the Caribbean Field Studies program.

FSIE 1126 (0 CREDITS) (0:0:0)

Business Field Studies in London

The Business Field Studies in London program provides students an opportunity to earn course credit while learning about business practices in Britain. Students explore commerce, industry, history, culture, and arts through on-site lectures, visiting international companies, touring historical and cultural sites, and interacting with the local people and students. This field school typically includes at least one business-related course and may be offered in conjunction with other BC post-secondary institutions. Graded S/U.

Applicants must be 19 or older before departure and be in good academic standing. This program is open to all Langara College students, alumni, staff, and faculty.

FSIE 2000 (0 CREDITS) (0:0:0)

Disney Field School

This six-month Disney Field School will give students the opportunity to gain academically oriented work experience at Walt Disney World Resort in Orlando while also completing three university-transfer business-related courses through University of California, Riverside that count toward the general business electives in the Bachelor of Business Administration. This field school will provide students with another option (BUSM 3001) to complete the three-credit work experience requirement for the Bachelor of Business Administration.

Prerequisite(s): Students must be in at least second year of the Bachelor of Business Administration, or be in second-year arts and sciences with departmental approval.

Corequisite(s): BUSM 3001.

Film Arts (FLMA)

The following film arts courses, except FLMA 1100, are restricted to students admitted to the Certificate in Film Arts.

FLMA 1100 (3 CREDITS) (3:1:0)
Introduction to Film Production
This introductory course covers every aspect of a film production on the technical/crew side and offers a critical approach to the art of screen writing, film acting, and film directing. Students who have an interest in pursuing a career in film complete this course with a clear understanding of the wide variety of skills it takes to fill dozens of positions required technically, administratively, and creatively in the film industry.

This course is open to all students.

FLMA 1110 (3 CREDITS) (2:2:0)
Techniques of Film Acting
Using scripts from a variety of film and television styles, students will be introduced to working with the camera. Students will study script analysis and choice-making. Basic techniques such as "hitting their mark", finding and working in key light, camera awareness, and movement on camera will be covered.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting).

FLMA 1120 (3 CREDITS) (2:2:0)
Voice I
Preparatory and advanced work on dialects, including study of the International Phonetic Alphabet: Speech, work with particular reference to working on microphone; Additional Dialogue Recording (ADR); voice-over techniques; and WALLA (background sounds).

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting).

FLMA 1130 (3 CREDITS) (2:2:0)
Feature Film Lab
Through a combination of lectures and workshops, students will complete a treatment for a feature film and a minimum first draft of the first act. Emphasis will be on structure, plot, and character development. Students may complete a screenplay that they began in an introductory course or begin with an original concept. Minimum output 60 pages.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Writing).

FLMA 1140 (3 CREDITS) (2:2:0)
The Short Film
Students will study the characteristics of a good short film, script treatments, screenplay format, scene construction, structure, character development, plot, and dialogue. They will develop outlines for three short films and complete two drafts and a polish for at least one of them. Minimum output 40 pages.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Writing).

FLMA 1150 (3 CREDITS) (2:0:3)
Editing Techniques, Styles and Digital Camera
Through lectures and labs, students will learn Final Cut Pro post-production picture-editing theory and techniques, including logging, off-line assembly, structure, and locking picture. Students will learn the operation of digital cameras, including options and aspect ratios for full-application production techniques and the exploration of lighting set-ups.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Directing).

FLMA 1160 (3 CREDITS) (2:2:0)
Visualization
Fundamentals of film directing with an emphasis on effective storytelling. Studies in script analysis, mise-en-scene, cinematic motion, form and style, and coverage.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Directing).

FLMA 1170 (3 CREDITS) (4:0:0)
Principles of Production
From development through pre-production, post-production, and distribution, this course will cover every aspect of filmmaking from the producer's perspective.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting), Certificate in Film Arts (Directing), and Certificate in Film Arts (Writing).

FLMA 1180 (3 CREDITS) (1:4:0)
Collaboration: The Actor
This course will concentrate on narrative/dramatic elements of cinematic storytelling for the actor. Actors will practice their rehearsing and acting skills in collaboration with the writers and directors, adjusting their performances to the needs of the scripts and the directors' visions. In a collaborative atmosphere, actors will have input into the creative process through feedback to the writers and directors. All three streams of students will work together to produce short films and film scenarios. FLMA 1180, 1181, and 1182 are taught concurrently, and students work collaboratively to complete the required course assignments.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting).

FLMA 1181 (3 CREDITS) (1:4:0)
Collaboration: the Writer
This course will concentrate on narrative/dramatic elements of cinematic storytelling for the writer. Writers will practice their pitching, writing, and rewriting skills in collaboration with the actors and directors. Writers will create original concepts and be teamed up with the directors and actors to produce their short films and film scenarios. FLMA 1180, 1181, and 1182 are taught concurrently, and students work collaboratively to complete the required course assignments.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Writing).

FLMA 1182 (3 CREDITS) (1:4:0)
Collaboration: The Director
This course will concentrate on narrative/dramatic elements of cinematic storytelling for the director. Directors will practice pitching projects and receiving pitches from writers. Directors will work closely with actors in the rehearsal process to practice effective communication of objectives and obstacles. Directors will work closely with writers to define acts and character arcs. FLMA 1180, 1181, and 1182 are taught concurrently, and students work collaboratively to complete the required course assignments.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Directing).

FLMA 1200 (3 CREDITS) (3:1:0)
Art of the Short Film
This introductory course offers a critical approach to the art of the short film through the screening and analysis of great short films. In critiquing various award-winning films, students will understand what makes for a great short film, both from the perspective of its art and its craft, and also the peculiarities of the form. Selected films will show how diverse the various genres are that use the short film form and also the breadth of artistic vision and style achieved in the form. For students interested in pursuing a career in film, they will be exposed to the possibilities offered by the form: festival films, calling card films, short films from around the world, and films that have launched the careers of famous directors.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting), Certificate in Film Arts (Directing), and Certificate in Film Arts (Writing).

FLMA 1210 (3 CREDITS) (2:0:2)
Advanced Techniques and the Signature Tape
On-camera blocking, rehearsals, and final taping will be practiced, including heightened and more sophisticated camera awareness. Physical and emotional continuity will be added, including work on the arc of a character within scenes, from scene to scene, and working out of sequence. A demo signature (or 'hit') tape of each student will be prepared as the final component of this course.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting).

Prerequisite(s): A minimum "C-" grade in FLMA 1110.

FLMA 1220 (2 CREDITS) (1:0:2)
Voice II
Techniques for narration, commercial slots, and animation.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting).

Prerequisite(s): A minimum "C-" grade in FLMA 1120.

FLMA 1222 (1 CREDIT) (0:0:3)
Audition Lab
The on-camera interview and audition process, learning how to prepare, and audition quickly and effectively, how to handle cold readings and call backs. Through filmed mock auditions and directorial adjustment, students will acquire a specific and effective approach to auditioning for film and television.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting).

Prerequisite(s): A minimum "C-" grade in FLMA 1110.

FLMA 1230 (3 CREDITS) (2:0:2)
Series Television Lab: Pilots and Bibles; Story Editing
This course will start with the pitch and learning about what makes a good idea for a series. Students will develop a one-hour pilot script along with character biographies, character arcs and brief outlines for a further 12 episodes to complete their series bible. Students may choose to complete a spec script for an existing series. Minimum output 60 pages.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Writing).

FLMA 1240 (3 CREDITS) (2:2:0)
Adaptations, Animation & Children's Television
Using examples of literary works, plays, and their adaptations as films, students will learn the principal differences between the forms, learn to abstract the visual from the literary and adapt a short story or play for filming. The course will include a study on writing for children's television and/or animation, and students may choose to write a spec script for an existing children's/animation series. Minimum output 40 pages.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Writing).

FLMA 1250 (3 CREDITS) (2:0:2)
Case Studies
From script to screen: lectures and seminars on produced films with emphasis on scene construction. Beginning with the films original screenplays, students will apply their knowledge to visualize the films by way of design materials, storyboards, and short lists prior to viewing films. They will follow up with an analysis of what the director of the actual film did and why.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Directing).

FLMA 1261 (1.5 CREDITS) (2:0:0)
Advanced Cinematography - Staging
Formerly FLMA 1260
In preparation for shooting their final grad films and for continued career success, directing students partake in hands-on workshops to practice and explore myriad cinematographic tools including cinematography, lighting, advanced camera operation, production design, blocking/staging, and collaborating with actors.

Students will receive credit for only one of FLMA 1260 or 1261.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Directing).

Prerequisite(s): A minimum "C-" grade in FLMA 1160.

FLMA 1262 (1.5 CREDITS) (0:0:2)
Online Finishing and Sound Mix
Formerly FLMA 1260
In preparation for the completion process on their summer films and future work in the film industry, directing stream students will execute the technical post-production process that includes: picture legalization, colour correction, sound editing, lab finishing, encoding, and delivery of the final master.

Students will receive credit for only one of FLMA 1260 or 1262.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Directing).

Prerequisite(s): A minimum "C-" grade in FLMA 1160.

FLMA 1271 (1.5 CREDITS) (2:0:0)
Career Development for the Film Industry
Formerly FLMA 1270
Focusing on the film industry in North America, students develop a career action plan, including how to get an agent, which associations to join, grant writing for film and television, and film-related internships.

Students also write a resumé, practice interview skills, study personal marketing skills, financial management, and tax information for the entrepreneur.

Students will receive credit for only one of FLMA 1270 or 1271.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting), Certificate in Film Arts (Directing), and Certificate in Film Arts (Writing).

Prerequisite(s): A minimum "C-" grade in FLMA 1170.

FLMA 1272 (1.5 CREDITS) (1:1:0)
Film Festival and Distribution
Formerly FLMA 1270
Students develop the skills to hold a film festival ("Unlock the Vault") to screen their grand film projects. They research and book the venue, promote the event, write and design the program, stage the location, and host the reception.

Students will receive credit for only one of FLMA 1270 or 1272.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting), Certificate in Film Arts (Directing), and Certificate in Film Arts (Writing).

Prerequisite(s): A minimum "C-" grade in FLMA 1170.

FLMA 1280 (6 CREDITS) (2:8:0)
Production Practicum for the Actor
Building on the skills learned and developed in FLMA 1170 and 1180, this intensive class will involve all three streams of students producing, writing, directing, acting, and editing short presentation quality narrative dramatic videos. FLMA 1280, 1281, and 1282 are taught concurrently and students work collaboratively to complete the required course assignments.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Acting).

Prerequisite(s): A minimum "C-" grade in FLMA 1170 and 1180.

FLMA 1281 (6 CREDITS) (2:8:0)
Production Practicum for the Writer
Building on the skills learned and developed in FLMA 1170 and 1181, this intensive class will involve all three streams of students producing, writing, directing, acting, and editing short presentation-quality narrative dramatic videos. FLMA 1280, 1281, and 1282, are taught concurrently and students work collaboratively to complete the required course assignments.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Writing).

Prerequisite(s): A minimum "C-" grade in FLMA 1170 and 1181.

FLMA 1282 (6 CREDITS) (2:8:0)
Production Practicum for the Director
Building on the skills learned and developed in FLMA 1170 and 1182, this intensive class will involve all three streams of students producing, writing, directing, acting, and editing short presentation quality narrative dramatic videos. FLMA 1280, 1281, and 1282 are taught concurrently and students work collaboratively to complete the required course assignments.

Registration in this course is restricted to students admitted to the Certificate in Film Arts (Directing).

Prerequisite(s): A minimum "C-" grade in FLMA 1170 and 1182.

Financial Management (FMGT)

Langara School of Management courses can be taken only twice. This includes all BUSM, BCAP, FMGT, INTB, and MARK courses. Students who wish to take a 1xxx or 2xxx course a third time will be given overrides upon request. Students who wish to take a 3xxx or 4xxx course a third time will be asked to submit a plan to the LSM outlining what they will do to ensure success in their third attempt.

FMGT 1115 (3 CREDITS) (4:0:0)
Financial Accounting I
This course is an examination of the basic techniques, principles, and concepts involved in the construction and interpretation of financial reports prepared for external users. The introductory material is concluded in FMGT 1215. Together, FMGT 1115 and 1215 provide transfer credit to universities and professional accounting programs.

FMGT 1116 (3 CREDITS) (4:0:0)

Accounting for Managers

This course provides an overview of basic financial and management accounting principles and techniques, including the managerial use of financial statements and other financial information for decision-making purposes. Students will initially be introduced to the principles and techniques used in financial accounting. The second part of the course will explore common managerial accounting techniques such as budgeting, cost-volume-profit analysis, and decision-making.

Students will receive credit for only one of FMGT 1116 or 4816. FMGT 1116 may not be used to satisfy the FMGT 4816 requirement.

Students in the Bachelor of Business Administration in Accounting are not permitted to register in this course.

FMGT 1215 (3 CREDITS) (4:0:0)

Financial Accounting II

This course concludes the introduction to financial accounting which began in FMGT 1115. The course examines the right side of the accounting equation, liabilities, and shareholders equity, as well as introducing some other specific accounting issues. Topics include current liabilities, long-term liabilities, shareholders equity, investment, partnerships, statement of cash flows, and financial statement analysis. Together, FMGT 1115 and 1215 provide transfer credit to universities and professional accounting programs.

Prerequisite(s): A minimum "C-" grade in FMGT 1115 or 2293.

FMGT 1321 (3 CREDITS) (4:0:0)

Intermediate Accounting I

This course introduces students to the more complex issues of financial accounting. The course builds on the concepts introduced in FMGT 1115 and 1215, or FMGT 2293. Topics include the conceptual framework, financial statement presentation, revenue and expense recognition, current monetary balances, inventories, capital assets, and investments.

Students will receive credit for only one of FMGT 1321 or 4820. FMGT 1321 may not be used to satisfy the FMGT 4820 requirement.

Prerequisite(s): A minimum "C-" grade in FMGT 1215 or 2293. English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

FMGT 2116 (3 CREDITS) (4:0:0)

Personal Financial Planning I

Students will be introduced to personal finance, wealth accumulation, and financial planning decisions. The main goal of the course is to equip students with the knowledge and decision-making tools to understand and plan their personal finances in a rewarding and engaging manner. The course helps students make sound financial decisions, with the goal to ultimately manage and increase personal wealth. Topics include money management, purchasing a home, investing in mutual funds and stocks & bonds, insurance, retirement and estate planning, tax planning, and more. Taking this course will enhance students' financial literacy and put them on the path towards a lifetime of financial responsibility and stability.

Prerequisite(s): All of the following: a minimum "C-" grade in one of the following: MATH 1118, 1119, 1171, or 1174; a minimum "C-" grade in FMGT 1116, 1215, or 2293; and one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C-" grade in a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; LET level 3; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension. ECON 1221 is recommended.

FMGT 2293 (3 CREDITS) (4:0:0)

Financial Accounting Overview

This course provides an overview of financial accounting and the construction and interpretation of financial reports prepared for external users. Major consideration is given to accounting techniques for corporate financial statements. Emphasis is placed on accounting principles and policies and the underlying rationale for these principles.

Prerequisite(s): English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

FMGT 2294 (3 CREDITS) (4:0:0)

Managerial Accounting Overview

This course is an introduction to the basic principles and techniques of managerial accounting where the major intent is to provide information to internal decision-makers to maximize an organization's operating efficiency and profitability. The course includes an introduction to alternative costing and reporting systems for service and manufacturing organizations, budgeting, variance analyses, performance evaluation, total quality management, and transfer pricing, plus analytical techniques including cost-volume-profit analysis and relevant costing and benefits.

Prerequisite(s): A minimum "C" grade in one of the following: FMGT 1115, 1116, 1215, or 2293; English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

FMGT 2308 (3 CREDITS) (0:0:4)

Accounting Computer Applications

This hands-on computer course trains Accounting and Financial Management students to use computer applications commonly found in business. It is intended to give students a working knowledge of the account cycle using spreadsheet templates, off-the-shelf accounting packages, and an introduction to auditing software. Accounting modules include general ledger, accounts receivable, accounts payable, payroll, and inventory.

Prerequisite(s): A minimum "C-" grade in BCAP 1200; FMGT 1115 and 1215, or FMGT 2293; English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

FMGT 2325 (3 CREDITS) (3:1:0)

Introductory Taxation

A course on Federal Income Tax with emphasis on individual taxpayers. The course will provide a practical guide for individuals to prepare their own income tax return. A computer software package will be briefly introduced.

Students will receive credit for only one of FMGT 2325 or 4870. FMGT 2325 may not be used to satisfy the FMGT 4870 requirement.

Prerequisite(s): A minimum "C" grade in FMGT 1115 and 1215, or FMGT 2293; English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

FMGT 2350 (3 CREDITS) (3:0:1)

Entrepreneurial Financial Management

This is a practical course designed to provide the small business person with the basics of finance, budgeting, financial analysis, costing and pricing, sales and revenue forecasting, and other financial skills essential for small business planning and development.

Students will receive credit for only one of BUSM 2316 or FMGT 2350.

Prerequisite(s): A minimum "C-" grade in FMGT 1115, 1116, or 2293.

FMGT 2371 (3 CREDITS) (4:0:0)

Financial Management I

This course develops learning streams relating to valuation and investment measurement techniques for corporate and individual investors; working capital management approaches for corporations; and long term planning and performance analysis of firms. This course lays the groundwork for mathematical and strategic analysis of investment decisions for the modern corporation and investor.

Students will receive credit for only one of FMGT 2371 or 4860. FMGT 2371 may not be used to satisfy the FMGT 4860 requirement.

Prerequisite(s): A minimum "C-" grade in one of the following: FMGT 1116, 1215, or 2293; and one of the following: MATH 1118, 1119, 1210, 1253, 1171, or 1174; English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

FMGT 2421 (3 CREDITS) (4:0:0)

Intermediate Financial Accounting

This course provides a comprehensive study of more complex techniques, principles, and concepts involved in the construction and interpretation of financial reports prepared for external users. The course focuses on the liabilities and equity side of the balance sheet, and examines more sophisticated accounting topics such as corporate taxes, leases pensions, and earning per share.

Prerequisite(s): A minimum "C" grade in FMGT 1321; English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

FMGT 2423 (3 CREDITS) (4:0:0)

Management Accounting II

This course is the continuation of the study of management accounting topics. Topics include decision-making and relevant information, pricing and product decisions, cost allocation, variance analysis, process costing, quality control, management control systems, organization structure, and performance evaluation. In addition, the course will study various current topics in management accounting including just-in-time systems and activity-based costing.

Prerequisite(s): A minimum "C-" grade in FMGT 2294.

FMGT 2474 (3 CREDITS) (4:0:0)

Financial Management II

This course builds upon essential financial concepts introduced and developed in FMGT 2371. In this course, the focus lies with investment and rate of return analysis of major business investments, capital budgeting analysis, cost of capital, and capital structure. This course looks at more fundamental, longer-term decision-making and its relationship to capital markets. International business planning also receives consideration.

Prerequisite(s): A minimum "C-" grade in FMGT 2371; English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

FMGT 2485 (3 CREDITS) (4:0:0)

Investment Strategies

Students examine a broad range of investment management principles including investment research, planning, and analysis to improve decision-making and overall portfolio performance. Students analyze investment theory and process, financial markets and institutions, financial assets and their related valuations, and mutual funds.

Prerequisite(s): A minimum "C" grade in FMGT 1215 or 2293.

FMGT 2500 (3 CREDITS) (4:0:0)

Personal Financial Planning II

Students explore risk management and insurance, retirement and estate planning, and other advanced planning topics. They acquire a broad understanding of financial planning strategies and techniques that build on a technical understanding of investments, taxation, risk management and insurance, and retirement and estate planning. Case studies and a group project provide an opportunity to build comprehensive financial plans and develop professional skills for a career in financial planning and financial services.

Prerequisite(s): A minimum "C" grade in FMGT 2116, 2325, and 2485 (FMGT 2485 may be taken concurrently); and a minimum "C" grade in CMNS 1118, or ENGL 1123, or 1127.

FMGT 3121 (3 CREDITS) (4:0:0)

Advanced Financial Accounting

This course introduces the conceptual basis of business combinations and the accounting issues involved. It covers the in-depth technical application of advanced financial reporting issues, including consolidation accounting and reporting, variable interest entities, joint venture accounting, financial instruments, foreign currency transactions and hedge accounting, translation and consolidation of financial statements stated in foreign currencies, segmented reporting, and not-for-profit entities.

Students will receive credit for only one of FMGT 3121 or 4828. FMGT 3121 may not be used to satisfy the FMGT 4828 requirement.

Prerequisite(s): A minimum of 54 credits including a minimum "C" grade in FMGT 1321 and 2421, and a minimum "C" grade in six credits of university-transferable English or communications; or a minimum "C" grade in all of the following: BCAP 1200, BUSM 1285, CMNS 1118, FMGT 1321, 2293 (or 1115 and 1215), 2294, 2325, 2371, 2421, and 2474.

FMGT 3223 (3 CREDITS) (4:0:0)

Advanced Management Accounting

This course examines advanced topic areas in strategic management accounting. A key component is the design of accounting systems for facilitating and influencing management decisions, with emphasis on performance evaluation in organizations. Topics include strategic planning and analysis, constraints, goal congruence, management control systems, transfer pricing, and performance measurement.

Students will receive credit for only one of FMGT 3223 or 4818. FMGT 3223 may not be used to satisfy the FMGT 4818 requirement.

Prerequisite(s): A minimum of 54 credits including a minimum "C" grade in FMGT 1321 and 2421, and a minimum "C" grade in six credits of university-transferable English or communications; or a minimum "C" grade in all of the following: BCAP 1200, BUSM 1285, CMNS 1118, FMGT 1321, 2293 (or 1115 and 1215), 2294, 2325, 2371, 2421, and 2474.

FMGT 3263 (3 CREDITS) (4:0:0)

Internal Control and Auditing

This course introduces the concepts and procedures of external auditing with the focus on the external or attest audit. This course addresses the purpose, scope, and concepts of external auditing. Topics covered include audit objectives, audit planning, internal control, audit sampling, computer auditing, and audit procedures.

Students will receive credit for only one of FMGT 3263 or 4880. FMGT 3263 may not be used to satisfy the FMGT 4880 requirement.

Prerequisite(s): A minimum "C" grade in FMGT 1321 and 2421, and a minimum "C" grade in six credits of university-transferable English or communications; or a minimum "C" grade in all of the following: BCAP 1200, BUSM 1285, CMNS 1118, FMGT 1321, 2293 (or 1115 and 1215), 2294, 2325, 2371, 2421, and 2474; or permission from the department.

FMGT 4221 (3 CREDITS) (4:0:0)

Accounting Theory

This course describes and explores various theories that underlie financial accounting and reporting. The relevance of those theories is explained and illustrated with the goal of understanding the practice of financial accounting and reporting.

Registration in this course is restricted to students admitted to the BBA.

Prerequisite(s): Completion of 54 credits including a minimum "C" grade FMGT 1321 and 2421, and a minimum "C" grade in six credits of university-transferable English or communications.

FMGT 4225 (3 CREDITS) (4:0:0)

Advanced Taxation

This course builds on the basic framework taught in FMGT 2325 focusing on net income, taxable income and tax liability for individuals, corporations, trusts, and partnerships. It also focuses on tax planning techniques for both individuals and corporations. Students will review selected specialized topics in taxation such as rollovers and corporate reorganizations to identify situations that could result in tax savings.

Students will receive credit for only one of FMGT 4225 or 4875. FMGT 4225 may not be used to satisfy the FMGT 4875 requirement.

Registration in this course is restricted to students admitted to the BBA and Certificate in Advanced Accounting.

Prerequisite(s): A minimum of 54 credits including a minimum "C" grade in FMGT 1321 and 2421, and a minimum "C" grade in six credits of university-transferable English or communications; or a minimum "C" grade in all of the following: BCAP 1200, BUSM 1285, CMNS 1118, FMGT 1321, 2293 (or 1115 and 1215), 2294, 2325, 2371, 2421, and 2474.

FMGT 4800 (3 CREDITS) (4:0:0)

Introduction to Financial Accounting

This course provides an overview of financial accounting and the construction and interpretation of financial reports prepared for external users. Major consideration is given to accounting techniques for corporate financial statements. Emphasis is placed on accounting principles and policies and the underlying rationale for these principles.

Students will receive credit for only one of FMGT 2293 or 4800. FMGT 2293 may not be used to satisfy the FMGT 4800 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

FMGT 4810 (3 CREDITS) (4:0:0)

Managerial Accounting

Managerial accounting is primarily focused on providing information to an organization's management so that they can maximize operating efficiency and profitability. This course covers the basic concepts and techniques including: costing systems, costing behaviour, cost-volume-profit relationships, budgeting, cost control, and decision making.

Students will receive credit for only one of FMGT 2294 or 4810. FMGT 2294 may not be used to satisfy the FMGT 4810 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C" grade in FMGT 4800.

FMGT 4816 (3 CREDITS) (4:0:0)

Accounting for Managers

Provides an overview of basic financial and management accounting principles and techniques, including the managerial use of financial statements and other financial information for decision-making purposes. Students will initially be introduced to the principles and techniques used in financial accounting. The second part of the course will explore common managerial accounting techniques such as budgeting, cost-volume-profit analysis, and decision-making.

Students will receive credit for only one of FMGT 1116 or 4816. FMGT 1116 may not be used to satisfy the FMGT 4816 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Marketing Management and Business Administration.

FMGT 4818 (3 CREDITS) (4:0:0)

Advanced Management Accounting

This course examines advanced topic areas in strategic management accounting. A key component is the design of accounting systems for facilitating and influencing management decisions, with emphasis on performance evaluation in organizations. Topics include strategic planning and analysis, constraints, goal congruence, management control systems, transfer pricing, and performance measurement.

Students will receive credit for only one of FMGT 3223 or 4818. FMGT 3223 may not be used to satisfy the FMGT 4818 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and FMGT 4810.

FMGT 4820 (3 CREDITS) (4:0:0)

Intermediate Financial Accounting I

This course introduces students to the more complex issues of financial accounting. The course builds on the concepts introduced in FMGT 4800. Topics include the conceptual framework, financial statement presentation, revenue and expense recognition, current monetary balances, inventories, capital assets, and investments.

Students will receive credit for only one of FMGT 1321 or 4820. FMGT 1321 may not be used to satisfy the FMGT 4820 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and FMGT 4800.

FMGT 4824 (3 CREDITS) (4:0:0)

Intermediate Financial Accounting II

This course provides a comprehensive study of more complex techniques, principles, and concepts involved in the construction and interpretation of financial reports prepared for external users. The course focuses on the liabilities and equity side of the balance sheet, and examines more sophisticated accounting topics such as corporate taxes, leases pensions, and earning per share.

Students will receive credit for only one of FMGT 2421 or 4824. FMGT 2421 may not be used to satisfy the FMGT 4824 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C" grade in FMGT 4820.

FMGT 4828 (3 CREDITS) (4:0:0)

Advanced Financial Accounting

This course introduces the conceptual basis of business combinations and the accounting issues involved. It covers the in-depth technical application of advanced financial reporting issues, including consolidation accounting and reporting, variable interest entities, joint venture accounting, financial instruments, foreign currency transactions and hedge accounting, translation and consolidation of financial statements stated in foreign currencies, segmented reporting, and not-for-profit entities.

Students will receive credit for only one of FMGT 3121 or 4828. FMGT 3121 may not be used to satisfy the FMGT 4828 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C" grade in FMGT 4824.

FMGT 4860 (3 CREDITS) (4:0:0)

Financial Management I

This course develops learning streams relating to valuation and investment measurement techniques for corporate and individual investors; working capital management approaches for corporations; and long-term planning and performance analysis of firms. This course lays the groundwork for mathematical and strategic analysis of investment decisions for the modern corporation and investor.

Students will receive credit for only one of FMGT 2371 or 4860. FMGT 2371 may not be used to satisfy the FMGT 4860 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C" grade in BUSM 4805, FMGT 4800, and MATH 4800.

FMGT 4865 (3 CREDITS) (4:0:0)

Financial Management II

This course builds upon essential financial concepts introduced and developed in FMGT 4860. In this course, the focus lies with investment and rate of return analysis of major business investments, capital budgeting analysis, cost of capital, and capital structure. This course looks at more fundamental, longer-term decision-making and its relationship to capital markets. International business planning also receives consideration.

Students may receive credit for only one of FMGT 2474 or 4865. FMGT 2474 may not be used to satisfy the FMGT 4865 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C" grade in FMGT 4860.

FMGT 4870 (3 CREDITS) (4:0:0)

Introduction to Taxation

A course on federal income tax with emphasis on individual taxpayers. The course will provide a practical guide for individuals to prepare their own income tax return. A computer software package will be briefly introduced.

Students will receive credit for only one of FMGT 2325 or 4870. FMGT 2325 may not be used to satisfy the FMGT 4870 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and FMGT 4800.

FMGT 4875 (3 CREDITS) (4:0:0)

Advanced Taxation

This course builds on the basic framework taught in FMGT 4870 focusing on net income, taxable income and tax liability for individuals, corporations, trusts and partnerships. It also focuses on tax planning techniques for both individuals and corporations. Students will review selected specialized topics in taxation such as rollovers and corporate reorganizations to identify situations that could result in tax savings.

Students will receive credit for only one of FMGT 4225 or 4875. FMGT 4225 may not be used to satisfy the FMGT 4875 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C" grade in FMGT 4820, 4824, and 4870.

FMGT 4880 (3 CREDITS) (4:0:0)

Internal Control and Auditing

This course introduces the concepts and procedures of external auditing with the focus on the external or attest audit. This course addresses the purpose, scope, and concepts of external auditing. Topics covered include audit objectives, audit planning, internal control, audit sampling, computer auditing, and audit procedures.

Students will receive credit for only one of FMGT 3263 or 4880. FMGT 3263 may not be used to satisfy the FMGT 4880 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C" grade in FMGT 4820 and 4824.

Fine Arts (FINA)

FINA 1111 (3 CREDITS) (1:0:3)

Foundation Ceramics

This course requires no previous experience working with clay. It is a broad introduction to both handbuilding and wheel throwing processes including glazing and firing kilns. Students will complete a series of projects that explore traditional and contemporary techniques as they relate to utilitarian pots, vessels, and sculpture. Upon completion of this course, students will have a basic understanding of the potential of the ceramic process and acquire practical, historical, and critical ways of thinking about ceramics as it relates to contemporary life and current art practices.

Students will receive credit for only one of FINA 1110 or 1111.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

FINA 1120 (3 CREDITS) (1:0:3)

Introduction to Drawing I

Students are introduced to basic observation and drawing techniques with an emphasis on perceptual skills. Students develop confidence with a variety of drawing materials through the exploration of still life, figure drawing with models, and perception of the world around them. Studio sessions include group critiques of student assignments and studio time to apply techniques learned.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

FINA 1131 (3 CREDITS) (1:0:3)

Foundation Painting

Foundation Painting is a studio-based experience that engages students in an exploration of the materiality of paint, composition, and colour. Students explore formal and conceptual problems specific to painting. An emphasis on direct observation and problem solving enables students to express ideas and personal experience through paint and paint mediums.

Students will receive credit for only one of FINA 1130 or 1131.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

FINA 1142 (3 CREDITS) (0.5:1:2.5)
Foundation Design Studio
Students are equipped with the fundamental tools to engage with the industrial design process. Stressing idea development and object creation, this course introduces a range of professional, industry standard techniques, materials, and processes. In this hands-on course, students explore various object development strategies to further develop their core 2D and 3D design skills and develop familiarity with the methodologies of design thinking.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

FINA 1143 (3 CREDITS) (0.5:1:2.5)
Foundation Media Studio
Students are introduced to the fundamentals of media-based studio practice. Open to all experience levels, the course offers a practical and conceptual foundation in digital processes while allowing for the critical investigation of authorship, appropriation and remix culture. Through a variety of activities, projects, and group and individual critiques, students develop a critical media vocabulary while developing skills in analysis and production that aim to foster a rich engagement with contemporary culture and digital practice.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

FINA 1161 (3 CREDITS) (1:0:3)
Foundation Sculpture
Students are introduced to the materials, formal elements, organizational principles, language, concepts, and processes of sculpture. Exploring formal and contemporary themes in steel, wood, and assemblage encourages students to articulate their ideas in three dimensions. Historical and contemporary sculptural practices are discussed. The cultivation of manual skills plays an important role in mastering course material.

Students will receive credit for only one of FINA 1160 or 1161.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

FINA 1171 (3 CREDITS) (1:0:3)
Foundation Printmaking
Students learn about the basic materials and techniques used in creating limited edition prints of various types. Through instructor-led demonstrations, students explore three basic printmaking disciplines: relief, intaglio, and serigraphy, and subsequently use these demonstrated methods to complete editions of prints. Students are introduced to the history and traditions of printmaking.

Students will receive credit for only one of FINA 1170 or 1171.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

FINA 1195 (3 CREDITS) (1:1:2)
Special Topics
This number is reserved for fine arts courses that may be offered from time to time by a) fine arts faculty who may wish to present a course in their speciality or b) visiting fine arts lecturers.

FINA 1220 (3 CREDITS) (1:0:3)
Introduction to Drawing II
Students continue to develop perceptual drawing skills and processes, with an emphasis on the uses of tonal values. The range of drawing materials are expanded, using more complex situations involving still life, models, and the urban/natural environment. Studio work and assignments are complemented with critiques and lectures.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in FINA 1120.

FINA 2110 (3 CREDITS) (1:1:2)
Advanced Ceramics I
This course deals with complex handbuilding and throwing techniques as well as independent kiln firing, all of which build on existing skills from Foundation Ceramics. Students will begin to develop individual approaches to form and content. Assignments are designed to encourage students to explore multiple parts, simple moulds, lidded forms, attachments, and more elaborate glazing methods. In addition to studio practice, there will be audiovisual presentations, technical demonstrations, and critique of student work.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1111, 1120, and 1161; and three of the following: FINA 1131, 1142, 1171, or 1220.

FINA 2111 (3 CREDITS) (1:0:3)
Advanced 3D Media: Ceramic Surface and Decoration
This course explores the interface between ceramics, printmaking, drawing, and painting. It investigates the long tradition these other disciplines have had with the ceramic process. Using ceramic paints, enamels, and glazes to print and transfer images, a wide range of surface treatments and a variety of materials at diverse temperatures will be explored. A number of other traditional decoration techniques such as maiolica, scrafitto, and slip trailing will also be introduced. Projects are assigned toward experimentation and self-directed studio work that encourages crossover with other studio practices.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1111, 1120, and 1171.

FINA 2115 (3 CREDITS) (1:3:0)
Ceramics: Introduction to Wheel Throwing
This course introduces the fundamentals of wheel thrown ceramics. Students will explore a variety of pottery forms, learn basic throwing techniques, and investigate glaze and firing methodologies.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS and FINA 1111.

FINA 2120 (3 CREDITS) (1:1:2)
Advanced Drawing I
This course will involve an exploration of a wide range of traditional and non-traditional drawing materials. Students will work from challenging studio set-ups, regularly involving the model. There is an emphasis on the student understanding traditional drawing practices while addressing the role of drawing in the 21st century and incorporating this history as they develop their own individual forms of expression.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1111, 1120, and 1161; and three of the following: FINA 1131, 1142, 1143, 1171, or 1220.

FINA 2130 (3 CREDITS) (1:1:2)

Advanced Painting I

Students build upon the skills and concepts acquired in Foundation Painting, expanding painting skills, painting knowledge, colour exploration, and critical thinking. Students are encouraged to explore a variety of approaches to building the painted surface, gaining and understanding of pictorial language within the parameters of colour, line, shape, form, and composition. Contemporary issues are discussed in terms of their relevance in painting today. Students are encouraged to use visual language to demonstrate their individual ideas.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1120, 1131, and 1161; and three of the following: FINA 1142, 1143, 1171, or 1220.

FINA 2135 (3 CREDITS) (1:0:3)

Textile Studio

Students are introduced to the use of textile-based materials and basic techniques associated with them in order to make two- or three-dimensional artwork and gain an understanding of contemporary textile work. Topics include traditional processes and non-traditional applications, contextualized in history and in contemporary practice.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1120; and FINA 1131 or 1161.

FINA 2140 (3 CREDITS) (1:1:2)

Advanced Design Studio I

Students are equipped with advanced tools to engage with the industrial design process. Stressing idea development and object creation, this course builds on a range of professional, industry standard techniques, materials, and processes. In this hands-on course, students explore various object development strategies to further develop their core 2D and 3D design skills and become proficient in the methodologies of design thinking.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1120, 1142, and 1161; and three of the following courses: FINA 1111, 1131, 1143, 1171, or 1220.

FINA 2141 (3 CREDITS) (1:1:2)

Advanced Media Studio I

Students continue to develop skills in media-based studio practice. This second-year course offers a practical and conceptual foundation in advanced digital processes while allowing for the critical investigation of authorship, appropriation, and remix culture. Through a variety of activities, projects, and group and individual critiques, students deepen their critical media vocabulary while developing skills in analysis and production that aim to foster a rich engagement with contemporary culture and digital practice.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; three of the following: FINA 1111, 1131, 1142, 1171, or 1220; and FINA 1120, 1143, and 1161.

FINA 2160 (3 CREDITS) (1:1:2)

Advanced Sculpture I

Students expand on the skills acquired in Foundation Sculpture, bringing materials, skills, and processes together to allow for experimentation while building a language specific to sculpture. Technical demonstrations in the areas of forging, stone carving, waste moulds, plaster casting, and metal fabrication are used to guide projects. Slide lectures, weekly discussions, site visits, and critiques help to develop the language surrounding sculpture in contemporary and historical contexts. Personal expression is encouraged through instructor supervised studio practice.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1120 and 1161; and four of the following: FINA 1111, 1131, 1142, 1143, 1171, or 1220.

FINA 2161 (3 CREDITS) (2:1:1)

Public Art Studio Practice

Students learn the phases required to develop artwork for public spaces. Students participate in collective and independent projects to build skills and identify key concepts needed to design, fabricate, and install artwork. Projects are presented on the Langara College campus and in various public venues such as the Canada Line SkyTrain Langara-49th Station glazing. Technical demonstrations in metal fabrication and one-on-one support in constructing with a wide variety of materials help students articulate their ideas for the built environment. Slide lectures, weekly discussions, site visits, and critiques are used to further develop the language surrounding public art in contemporary and historical context. The skills and portfolio developed during this course can be used when applying to public art calls outside of the institution.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1160 or 1161.

FINA 2162 (3 CREDITS) (1:0:3)

Indigenous Carving 2D

Students are introduced to effective and safe hand tool use in woodcarving and use sculptural approaches common in Northwest Coast Indigenous woodcarving for 2D projects. This course is a rare opportunity for diverse students to be immersed in the very complex role of carvers in the expression of Northwest Coast personal, community, and cultural storytelling.

Priority registration in this course is offered to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1161 and 1171.

FINA 2171 (3 CREDITS) (1:0:3)

Advanced Print Media I: Intaglio/Relief

Students explore and apply basic intaglio printmaking methods: the dry point, hard and soft ground metal etching, and tonal possibilities of aquatint. Students also explore and apply contemporary intaglio/relief hybrid print making such as collagraph/relief. Incorporating presentations on the history of etching and contemporary applications and examples, the primary focus of the course is the hands-on exploration of these various techniques.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1120, 1161, and 1171; and three of the following: FINA 1111, 1131, 1142, 1143, or 1220.

FINA 2172 (3 CREDITS) (1:3:0)

Advanced Print Media I: Serigraphy

Students explore and apply advanced levels of serigraphy (screen printing), which were introduced in Foundation Printmaking. Students use sophisticated registration systems and layering techniques, including both hand-drawn and photographic stencil creation. Incorporating presentations on the history of serigraphy (screen printing) and contemporary applications and examples, the primary focus of the course is the hands-on exploration of these various techniques.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1120, 1161, and 1171; and three of the following: FINA 1111, 1131, 1142, 1143, or 1220.

FINA 2173 (3 CREDITS) (1:3:0)

Advanced Printmaking: Relief/Collograph

This course broadens students' understanding of the fundamentals of relief printmaking. Students will develop and translate their ideas through the creation of linocut, collograph, and experimental relief prints, and become more confident in their ability to produce small editions. Incorporating presentations on the history of relief printmaking and contemporary applications and examples, the primary focus of the course is the hands-on exploration of these various techniques.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS, FINA 1120 and 1171; and FINA 1161 or 1220.

FINA 2180 (3 CREDITS) (1:2:1)

Professional Practice in Arts and Design

This required course in the Diploma in Fine Arts will equip students to better understand professional practices and environments in art and design. The emphasis on public presentation, writing, and speaking will assist students in succeeding in their next step after Langara, and help them begin to synthesize written and studio work into a cohesive whole.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): Successful completion of at least 30 credits, including: a minimum "C-" grade in ENGL 1100 or 1123; a minimum "C-" grade in AHIS 2250 (may be taken concurrently); and a minimum "C-" grade in one of the following: FINA 2110, 2111, 2115, 2120, 2130, 2135, 2140, 2141, 2150, 2160, 2161, 2162, 2171, 2172, 2173, 2190, or 2195.

FINA 2190 (3 CREDITS) (1:2:1)

Performance in the Visual Arts

In the field of contemporary art, artists increasingly require an expanded understanding of interdisciplinary practice and time-based art. Throughout this course, students engage in a series of studio projects that explore live performance, performance for the camera, and collaborative processes. Through in-class exercises, assignments, presentations, and lectures, students are introduced to the historical relationship between performance and the visual arts while developing projects that examine the dematerialization of the art object, the relationship between performer and audience, and the hyper-performativity of the contemporary subject. If students have taken a previous FINA 2195 Special Topics class with similar content, they will not get credit for this course.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in three credits of AHIS; and FINA 1143 and 1171.

FINA 2195 (3 CREDITS) (0:4:0)

Advanced Studio: Special Topics

This is an Advanced Studio course offering reserved for fine arts courses that may be offered from time to time by either a fine arts faculty who wishes to present a course in their specialty, or of a thematic premise consistent with current art practices or by a visiting fine arts lecturer.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; four of the following: FINA 1111, 1131, 1142, 1171, or 1220; and FINA 1120 and 1161.

FINA 2210 (3 CREDITS) (1:1:2)

Advanced Ceramics II

This course emphasizes creative expression with clay to enhance your artistic growth and development. Further development of wheel work and hand building skills.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in FINA 2110.

FINA 2220 (3 CREDITS) (1:1:2)

Advanced Drawing II

This course will further develop the student's ability to make decisions about perceived visual problems and to translate them using the most effective drawing language. Students will work from complicated visual situations, often incorporating the model. Independent research is encouraged, and the relationship of drawing to other human activities is explored. This course is supported with audiovisual presentations.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in FINA 2120.

FINA 2230 (3 CREDITS) (1:1:2)
Advanced Painting II
The objective of Advanced Painting II is for each student to build a body of work from self-directed research and independent study under the guidance of the instructor. Individual and group critiques are an integral part of this course.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in FINA 2130.

FINA 2240 (3 CREDITS) (1:1:2)
Advanced Design Studio II
Students synthesize a range of design concepts and methods that build on previous semesters. The core design skills of observation and analysis, research, planning, design conceptualization, detail development, and production form the basis for innovation and discovery across a range of industrial design questions.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1120, 1142, and 1161; and three of the following: FINA 1111, 1131, 1143, 1171, or 1220.

FINA 2241 (3 CREDITS) (1:1:2)
Advanced Media Studio II
Students assimilate their practical and conceptual foundation in digital processes, critical media vocabulary, analysis, and production developed in previous semesters and apply this understanding to the production of a body of work that begins to take its place within a critically engaged contemporary media studio practice.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in FINA 2141.

FINA 2260 (3 CREDITS) (1:1:2)
Advanced Sculpture II
Students build on the knowledge gained in Advanced Sculpture I, bringing a greater diversity of materials, skills, and processes together to allow for experimentation while continuing to build a language specific to sculpture. Technical demonstrations in the areas of complex mould making and casting in a variety of materials guide assigned projects. Slide lectures, weekly discussions, readings, and critiques aid students in developing the language surrounding sculpture in contemporary and historical contexts. Personal expression is encouraged through supervised independent studio practice for which proposal writing is expected.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in FINA 2160.

FINA 2261 (3 CREDITS) (1:2:1)
Public Art Studio Practice II
Students continue the investigation into the issues surrounding the creation of public art. Students work in groups to execute and complete two essential phases for a singular, large-scale, materially based project to be installed on the Langara College campus and at various public venues such as the Canada Line SkyTrain Langara-49th Station facade. While the emphasis is on group work, independent projects are also assigned. Project dependent technical demonstrations, lectures, weekly discussions, site visits, and critiques help the students develop the language surrounding public art in contemporary and historical contexts while encouraging students to articulate their ideas for the built environment. The skills and portfolio developed during this course can be used when applying to public art calls outside of the institution.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in FINA 1161 or 2161 and permission of the department.

FINA 2262 (3 CREDITS) (1:3:0)
Indigenous Carving 3D
Students further refine effective and safe hand tool use in woodcarving and engage in sculptural approaches common in Northwest Coast Indigenous woodcarving for three-dimensional projects. Diverse students have the rare opportunity to be immersed in the very complex role of carvers in the expression of Northwest Coast personal, community, and cultural storytelling.

Priority registration in this course is offered to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in three credits of AHIS and FINA 2162.

FINA 2271 (3 CREDITS) (1:0:3)
Advanced Print Media II: Intaglio/Relief
Students expand on their understanding of intaglio (etching)/relief printmaking and engage with more advanced techniques involved in the production of coloured and multi-plate images. In consultation with the instructor, students conceive of and develop self-directed projects that reflect the student's interests and research in printmaking.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in FINA 2171.

FINA 2272 (3 CREDITS) (1:3:0)
Advanced Print Media II: Serigraphy
Students expand on their understanding of serigraphy (screenprinting). The emphasis is on self-directed projects that reflect the student's interests and research into serigraphy as an interdisciplinary process. In consultation with the instructor, students develop and complete studio projects using a variety of techniques.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in FINA 2172.

FINA 2290 (3 CREDITS) (1:2:1)

Performance & Time Based Practice

This course is designed to offer students an understanding of performance and time-based processes within the field of visual art. Throughout the course, students will be introduced to the cultural discourse that surrounds performance, while gaining exposure to contemporary practices that employ durational processes. In-class studio exercises, assignments, presentations, readings, and lectures will facilitate a critical investigation into performance. Visits to exhibitions/performances and presentations by guest speakers will aim to further expand students' relationship to contemporary local practice and the surrounding art community. Throughout the course students will exercise their skills in critical thinking, conceptual process, and creative experimentation to realize a series of projects that explore the body, site, and duration of performance. If students have taken a previous FINA 2195 Special Topics course with similar content, they will not get credit for this course.

Registration in this course is restricted to students admitted to the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in all of the following: three credits of AHIS; FINA 1143 and 1171.

Food Services (FSRV)

Most food services courses are available to arts and science students. Courses restricted to Diploma in Nutrition and Food Service Management students are identified in the course descriptions. A minimum "C-" grade is required in most prerequisite courses; several courses require a minimum "C" grade.

REPEATING A COURSE

An FSRV course may only be repeated once. Subsequent registrations beyond the repeat limit require the department chair or delegate's approval.

FSRV 1113 (3 CREDITS) (4:0:0)

Food Service Systems

In this online introductory course, students study the organization of the institutional food service and the standards required for operation. Areas of study include organizational structure, sanitation and food safety, WHMIS, HACCP, staff training, work simplification, purchasing, receiving, and inventory control. Some fieldwork involved.

FSRV 1213 (3 CREDITS) (4:0:0)

Production and Service Systems

In this online course, students will study the various systems in place for the efficient operation of an institutional food service. Areas of study include meal production, styles of meal service, catering, special events planning, warewashing. Course involves some fieldwork.

FSRV 1219 (2 CREDITS) (0:1:4)

Orientation to Food Service Operations

Step into the fast-paced world of food service with hands-on experience that brings classroom learning to life. Students gain direct exposure to the policies and procedures of a functioning food service operation in this practicum. Students are involved for a minimum of 250 hours in the operation. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Nutrition and Food Service Management.

FSRV 2329 (2 CREDITS) (0:1:3)

Food Service Supervision Practicum

Taken in the final semester, this practicum provides the opportunity for the student to assume the responsibilities of a supervisor and to apply the policies and procedures to food service operations in the field, while under the supervision of a practicing Food Service Manager. Each student will complete a minimum of 15 days, full-time, in a food service facility supervising staff, production and service of meals to clients. The student must have successfully completed FoodSafe II, or recognized equivalent, prior to entering the placement site. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Nutrition and Food Service Management.

Prerequisite(s): An "S" grade in FSRV 1219 and 2429; a minimum "C" grade in FSRV 4323, NUTR 2322, and 2422; a minimum "C" grade in BUSM 1500, CMNS 1115, or 2228; a minimum "C" grade in CMNS 1118, ENGL 1123, or 1127; and a minimum "C-" grade in all other program courses.

Note: Students who have not achieved a minimum CGPA of 2.0 will be dropped from the practicum prior to its commencement.

FSRV 2429 (2 CREDITS) (0:1:4)

Food Service Management Practicum

This practicum provides the opportunity for the student to assume the managerial functions of menu planning, purchasing, recipe development, food safety plans and stock control, and apply appropriate policies and procedures to food service operations in the field. The student will further develop the interpersonal skills of teamwork and dealing with clients. Each student will assume the responsibility of planning a theme menu in a facility. Students complete Food Safe Level II certification as a requirement of this practicum. Graded S/U.

Prerequisite(s): A minimum "C" grade in CMNS 1118, ENGL 1123, or 1127; and an "S" grade in FSRV 1219.

FSRV 2529 (3 CREDITS) (0:1:9)
Food Service Supervision - Final Practicum
In this capstone course taken in the final term, the student will spend a minimum of two weeks, full-time (10 days) in a food service facility in a staff relief position. The student will apply supervisory, management, and clinical skills in a working environment. Upon completion of the practical portion of this course, students will submit a journal of their learning, workload and responsibilities of an entry-level supervisor/manager to complete the requirements for graduation. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Nutrition and Food Service Management.

Prerequisite(s): All of the following: an "S" grade in FSRV 1219 and 2429; a minimum "C" grade in FSRV 4323, NUTR 2322, and 2422; a minimum "C" grade in BUSM 1500, CMNS 1115, or 2228; a minimum "C" grade in CMNS 1118, ENGL 1123, or 1127; and a minimum "C-" grade in all other program courses.

FSRV 2629 (5 CREDITS) (0:14.5:0)
Food Service Management - Final Practicum
Taken in the final semester, this practicum provides the opportunity for the student with six or more years of food service management experience to apply their management experience to an established set of competencies. Based on a self-assessment and instructor review, the student will be required to complete a minimum number of full days in a food service facility other than where they are currently employed, to supplement their experience and/or to achieve competencies not met through their past experience. Enrolment in this course is on an invitation only basis, based on the extent of management experience in a health care setting and approval of the department chair. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Nutrition and Food Service Management.

Prerequisite(s): All of the following: an "S" grade in FSRV 1219 and 2429; a minimum "C" grade in FSRV 4323, NUTR 2322, and 2422; a minimum "C" grade in BUSM 1500, CMNS 1115, or 2228; a minimum "C" grade in CMNS 1118, ENGL 1123, or 1127; and a minimum "C-" grade in all other program courses.

FSRV 3114 (3 CREDITS) (4:0:0)
Food Production - Standards of Quality I
In this online course, students study the preparation of quality food products. Areas of study include examination of structural ingredients of food products, the principles and procedures involved in the production of recipes, and use of established standards of quality to evaluate food products.

Note: Students with Cooks Trades papers and the knowledge and understanding of topics in FSRV 3114 may be eligible for the flexible assessment option. Contact the department chair.

FSRV 3214 (3 CREDITS) (4:0:0)
Food Production - Standards of Quality II and Recipe Development
In this online course, students will continue the study of the production of quality food products. The principles of menu planning and the development, standardization and nutritional analysis of recipes are included.

Note: Students with Cook Trades papers and a minimum "C" grade in FSRV 3114 may be eligible for the flexible assessment option. Contact the department chair for further information.

FSRV 4323 (3 CREDITS) (4:0:0)
Financial Management of Foodservice Operations
In this online course, students examine the responsibilities and financial theories involved in management of food service operations. The use of Excel and its application to manage financials is covered. Topics include cost control (food, beverages, labour), financial planning, and marketing. Access to Excel software is required.

Prerequisite(s): 30 credits, including three credits of university-transferable English.

FSRV 4324 (3 CREDITS) (4:0:0)
Quality Food Production
In this online course, students apply the principles of quality food preparation to the production of food in large quantities. The organization of the production kitchen, planning and scheduling of production, principles and procedures for quantity food production, and HACCP are studied. If not already completed, students will be required to successfully complete the "Serving it Right" certificate as part of this course.

Prerequisite(s): 18 credits including three credits of university-transferable English.

FSRV 4444 (3 CREDITS) (3:2:0)
Management of Facilities and Support Services
This online course focuses on the equipment used in food production and service, laundry and housekeeping service areas, and the design of these areas. The course includes a group project that provides teams of students with the opportunity to apply their knowledge of the design of a foodservice facility: develop specifications, review ergonomics, and preventative maintenance practices for food and support service areas.

Prerequisite(s): 30 credits including three credits of university-transferable English.

French (FREN)

A student who has attended secondary school using French as a first language may not register in any French courses without permission of the Modern Languages department. Students with a minimum "C" grade in a French course cannot repeat the same course without departmental permission.

NOTE
Not all French courses are offered every semester.

FREN 1115 (3 CREDITS) (3:0:1)
Beginner's French I
Fundamentals of speaking, reading, and writing French; classroom work supplemented by practice in the Language Laboratory. Introductory course for students with no previous knowledge of French.

FREN 1117 (3 CREDITS) (3:0:1)
Intermediate French I
First-year college French for those who have completed FREN 1215 or Grade 11 French in secondary school, or equivalent. Intermediate grammar, short literary selections and contemporary passages for reading and oral practice are studied. These lessons are supplemented by oral work in the Language Laboratory.

Prerequisite(s): A minimum "C" grade in French 11; or a minimum "C-" grade in FREN 1215.

FREN 1119 (3 CREDITS) (4:0:0)
French Language and Literature I
Courses consisting of literature, grammar, and written composition for students who have completed either French 12, FREN 1217 with a minimum "B" grade or FREN 1218. These courses are to be taken by all students' intending to proceed to second year French programs at university and by those wishing to further their knowledge of the French language.

Prerequisite(s): A minimum "B" grade in French 12, FREN 1217, or 1218. Students with a minimum "C" grade in French 12 or FREN 1217 should enrol in FREN 1118. FREN 1119/1219 students who need to reinforce their grammar can enrol concurrently in FREN 1118/1218.

FREN 1205 (3 CREDITS) (3:0:1)
French Conversational Skills
A conversational approach to French to enable students to communicate in everyday authentic situations. Students in FREN 1205 may register concurrently in FREN 1215, 1117, or 1217.

Prerequisite(s): A minimum "C" grade in one of the following: BC French 9 or 10, FREN 1115, 1215, or 1117; or permission of the department. Students with BC French 9 or 10 must contact the department for a prerequisite override. Overqualified students will not be given credit for this course.

FREN 1215 (3 CREDITS) (3:0:1)
Beginner's French II
Fundamentals of speaking, reading, and writing French; classroom work supplemented by practice in the Language Laboratory. Introductory course for students with no previous knowledge of French.

Prerequisite(s): A minimum "C-" grade in FREN 1115.

FREN 1217 (3 CREDITS) (3:0:1)
Intermediate French II
First-year college French for those who have completed FREN 1215 or Grade 11 French in secondary school, or equivalent with a minimum "C-" grade. Intermediate grammar, short literary selections, and contemporary passages for reading, and oral practice are studied. These lessons are supplemented by oral work in the Language Laboratory.

Prerequisite(s): A minimum "C-" grade in FREN 1117. Students who obtained a "C-" grade in FREN 1117 more than a year ago are encouraged to take FREN 1215 concurrently.

FREN 1219 (3 CREDITS) (4:0:0)
French Language and Literature II
Courses consisting of literature, grammar, and written composition for students who have completed either French 12, FREN 1217 with a minimum "B" grade or FREN 1218. These courses are to be taken by all students' intending to proceed to second year French programs at university and by those wishing to further their knowledge of the French language.

Prerequisite(s): A minimum "C-" grade in FREN 1119; or permission of department.

Geography (GEOG)

Geography includes both arts and science courses. All geography courses carry university-transfer credit, and several geography courses can be taken as electives for other academic or career programs. GEOG 1180 and 1190 are laboratory science courses. Both GEOG 1180 and 1190 are recommended for students planning to complete a BA or BSc in Geography.

GEOG 1105 (3 CREDITS) (3:1:0)
Geographic Field Techniques
How can geography help you understand the world? Through geographic field techniques! Geographic field techniques enable geographers to interpret the environments and landscapes around us using a combination of methods from both human and physical geography. In this experiential course, students leave the classroom to learn how to "do" geography through field observation, mapping, photographic interpretation, landscape analysis, and more.

GEOG 1110 (3 CREDITS) (4:0:0)
Introduction to Human Geography
Formerly GEOG 1170
This course will introduce students to the discipline of human geography. Students will be exposed to the major research traditions in human geography including: population, cultural, political, economic, urban and regional geography, amongst other topics. Throughout the course Vancouver resources and examples will be used to illustrate many of the themes. Students will receive credit for only one of GEOG 1110 or 1170.

GEOG 1111 (3 CREDITS) (3:0:2)
Introduction to Physical Geography: Planet Earth
Have you ever wondered why the weather, climate, and landscape where you live differs from other places in the world? This course introduces Earth's atmosphere, hydrosphere, lithosphere, and biosphere, and investigates the relationships and connections between them. Students explore tectonic, volcanic, glacial, coastal, and fluvial processes, and weather and climate. Additionally, students take a critical look at interactions between human activities and the biophysical environment, including wildfires, drought, and sea level rise. Incorporating classroom, lab, and fieldwork, students learn map interpretation and GIS techniques to study Earth systems.

GEOG 1120 (3 CREDITS) (3:1:0)
Regional Geography of Canada
The regional geography of Canada explores the similarities and differences among the regions of our country. Students will gain an understanding of the landscape, the environment and the economy as we survey Canada from Long Beach to Labrador and from Baffin Island to Burlington. Students will examine a range of social issues that provide insight into the nature of Canada.

GEOG 1130 (3 CREDITS) (3:1:0)
Urban Geography
A survey of the evolution of the city from the Greco-Roman period to the present. The course topics include the internal structure of the city; industrial, commercial, and residential land use; transportation and the planning of the urban environment. An application of the concepts to Vancouver and the surrounding area forms the basis of practical and interactive planning focus groups.

GEOG 1150 (3 CREDITS) (3:1:0)

Geography of British Columbia

British Columbia is a richly endowed and diverse province. In this course the province's human and physical geography is explored. Topics covered include regions, climate, natural hazards, geomorphology, biogeography, history, resource development, Aboriginal issues, cultural diversity, and urbanization. Students will actively engage in discussions of contemporary issues, problems, and solutions. This course is of interest to students who would like to have a better understanding of British Columbia and its role within Canada and the world.

GEOG 1155 (3 CREDITS) (3:1:0)

Environmental Geography

Environmental geography explores the relationships between people and the world they inhabit. Students will be introduced to the key concepts and theories of environmental studies: physical and biological processes, population, biogeography, resource management, and environmental ethics. Case studies of human impacts on the environment (both local and global) such as resource depletion, species extinction and loss of biodiversity, pollution of air, land and water, waste management, and natural hazard concerns are an integral part of the course.

GEOG 1160 (3 CREDITS) (3:1:0)

Geographies of Asia-Pacific

The culturally diverse Asia-Pacific region has experienced extraordinary change over the last century. To understand those changes, this course applies a geographic lens to the study of topics including demography, culture, ecology, settlement patterns, identity, industry, agriculture, political and economic patterns, resources, migration, urbanization, globalization, and the environment. Diversity and interdependence emerge as central themes as we explore major social, political, ecological, and economic debates in the study of the Asia-Pacific region, setting these issues within their spatial, historical, and cultural contexts.

GEOG 1180 (3 CREDITS) (3:0:2)

Our Changing Environment: Climate and Ecosystems

This course is an introduction to the studies of the atmosphere (meteorology), climate (climatology), and vegetation distribution (biogeography). Topics covered include atmospheric processes, local and global weather, air pollution, world climates, plant-climate interactions, urban climates, past climates, and future climates. This is a laboratory science course. The lab work provides students with an opportunity to apply theoretical knowledge to a series of applied and practical problems. Students will also learn how to make weather observations.

GEOG 1190 (3 CREDITS) (3:0:2)

Our Changing Environment: Water and Landscapes

An introduction to the dynamic forces and processes responsible for shaping the surface of the Earth and the development of landforms (geomorphology). Topics covered include the internal structure of the Earth; plate tectonics; volcanism; Earthquakes; mountain building; the effects of water, ice and wind on the surface of the Earth, and the development and distribution of soils. This is a laboratory science course. Weekly labs teach skills in the use of topographic maps, air photo interpretation and terrain analysis. There will be a field trip to a local area of interest.

GEOG 1195 (3 CREDITS) (4:0:0)

Special Topics I

This number is reserved for geography courses that may be offered from time to time by: a) College geography faculty who may wish to present a course in their specialty which may be of limited interest, or b) visiting geography lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

GEOG 2155 (3 CREDITS) (3:0:1)

Sustainable Resource and Environmental Management

Students examine the sustainable use and management of environmental resources. Subjects that may be explored include indigenous rights and access to resources, environmental impact assessment, resource conflicts, local and indigenous knowledge, methods of environmental management, gender and resources, and the roles and responsibilities of governmental and non-governmental decision-makers.

GEOG 2210 (3 CREDITS) (3:0:2)

Introduction to Geographic Information Systems (GIS)

A laboratory science course that introduces students to Geographic Information Systems (GIS). Students explore the theoretical underpinnings of geographical information science and apply this knowledge to the creation of a map portfolio through labs and a major project. Topics covered include spatial measurement, geodesy, map projections, cartography, and remote sensing. In the lab component, students will utilize GIS software, through various applications and commands, to analyze applied problems in geographically related phenomena.

This course is recommended to students interested in using spatial data collection and analysis to solve applied problems within their discipline.

GEOG 2230 (3 CREDITS) (3:1:0)

Contemporary Canadian Urban Life

Explores the unique character of Canadian cities. Topics include transportation, housing, population growth, and suburban development.

Prerequisite(s): A minimum "C-" grade in one of the following: GEOG 1100, 1110, 1120, 1130, 1150, 1155, 1160, 1170, 2210, 2240, or 2270; or another social science course with permission of instructor or department.

GEOG 2250 (3 CREDITS) (3:1:0)

Geographies of Money and Power

What does the economy have to do with you? Find out here! This course introduces the basic concepts and theories of economic geography and examines the changing geographies or 'global shifts' of economic activities within the contemporary capitalist world economy. It examines the economic, political, cultural, ecological, historical, and social relations that are part of modern market economies, as well as the roles played by key economic actors including business, government, nature, labour, NGOs, and consumers. The significance of changing technology and institutional contexts over time and space, alternatives to dominant economic forms, and issues related to consumption, development, and globalization are also discussed.

Prerequisite(s): A minimum "C-" grade in one of the following: GEOG 1110, 1120, 1130, 1150, 1155, 1160, 2210, 2230, 2270, or 2275; or permission of the instructor.

GEOG 2270 (3 CREDITS) (3:1:0)

Cultural Geography

Cultural geography is concerned with making sense of people and the places they occupy through the analysis and understanding of cultural processes, cultural landscapes, and cultural identities.

Prerequisite(s): A minimum "C-" grade in one of the following: GEOG 1100, 1110, 1120, 1130, 1150, 1155, 1160, 1170, 2210, 2250;,LAMS 1100, or 1101; or other social science course with permission of the instructor.

GEOG 2275 (3 CREDITS) (2:2:0)

Applied Human Geography

In this applied course, students work as part of the CityStudio Campus Course Network on large-scale projects associated with the City of Vancouver's Healthy City Strategy, Greenest City 2020 Action Plan, or independent projects focused on urban social sustainability. Through experiential learning, students analyze existing problems, use ideas grounded in established geographical principles and theory, and seek to innovate, devise, and implement real-world solutions. Students engage in research and develop critical thinking, problem solving, project management, structured teamwork, and design skills.

Prerequisite(s): A minimum "C-" grade in one of the following: GEOG 1110, 1120, 1130, 1150, 1155, 1160, 1170, 2155, 2210, 2230, 2250, 2270, SOCI 1120, 1121, ANTH 1120, or ENVS 2100.

GEOG 2280 (3 CREDITS) (3:0:2)

Weather, Climate and Climate Change

Building upon the basic principles introduced in GEOG 1180, this course uses an integrated approach to study physical and dynamic climatology, meteorology, and climate change. GEOG 2280 is a laboratory science course with both a lecture and a laboratory component. Topics covered include atmospheric composition, energy, and moisture; global, synoptic, and local scale circulations; ocean-atmosphere interactions; climate change, and modeling of the climate system. Lab assignments allow students to develop skills in the collections, analysis, and interpretation of climate data. Working in small groups, students also monitor and analyze local weather over the duration of the course.

Prerequisite(s): A minimum "C-" grade in GEOG 1180; or permission of the instructor.

GEOG 2290 (3 CREDITS) (3:0:2)

Advanced Geomorphology

Advanced studies of the processes that affect development of natural landforms and landscapes. GEOG 2290 is a laboratory science course with both lecture and laboratory sections. Topics covered include fluvial, coastal, desert glacial and periglacial processes, natural weathering phenomena, and soil profile development. Topics of local interest include mass movement, Earthquake activity, volcanism, and natural hazards associated with the Greater Vancouver - Fraser River Valley region. Weekly labs will introduce methods of analysis with case studies as means to teach applications in environmental assessment and interpretation. Field trips will focus on local landscape development.

Prerequisite(s): A minimum "C-" grade in one of the following: GEOG 1111, 1190, GEOL 1107, or 1110; or permission of the instructor.

GEOG 2295 (3 CREDITS) (4:0:0)

Special Topics II

This number is reserved for geography courses that may be offered from time to time by: a) College geography faculty who may wish to present a course in their specialty which may be of limited interest, or b) visiting geography lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

GEOG 2500 (3 CREDITS) (4:0:0)

Food, Place, and People

Everybody must eat but have you thought about how what you eat connects you to people, places, and ecologies around the world? Using a geographical lens, students in this course critically examine the relationships among food, nature, and society to explore how food is produced, processed, distributed, and consumed. Using the stories of common foods, students investigate changing local and global geographies of food and discover how food is embedded within foodscapes in Vancouver and other cities. Additionally, students consider how soil, climate, and terroir impact foods. Other topics include how race, class, ethnicity, and gender influence people's relationships to food production and consumption; Indigenous foodways; culinary cultural norms; labour; food security and food sovereignty; colonialism; and health.

Geology (GEOL)

GEOL 1107 (3 CREDITS) (3:0:2)

Dynamic Earth

Formerly GEOL 1110

This course provides an introduction to physical geology. Topics include the origin and structure of the Earth, the nature of rocks and minerals, plate tectonics, deformation of the Earth's crust, seismic activity, geomorphic processes, and the development of landforms. This is a laboratory science course. Labs will emphasize rock and mineral identification techniques.

Students will receive credit for only one of GEOL 1107 or 1110.

GEOL 2207 (3 CREDITS) (3:0:2)

Natural Hazards

An introduction to catastrophic natural events including Earthquakes, volcanoes, mass movement, severe weather, fire, and river and coastal flooding. Also presented are climate change, sea-level fluctuation and ground water pollution, which represent other seemingly less dramatic, but no less important, hazardous conditions. Emphasis is placed on how these events impact on the Earth's natural environment and how they influence and are influenced by human activity including efforts at predictions, preventions, and mitigation of large and small scale events.

Prerequisite(s): A minimum "C-" grade in one of the following: GEOG 1111, 1190, GEOL 1107, or 1110; or permission of the instructor.

GEOL 2215 (3 CREDITS) (2:2:0)

Introduction to Geology II Non-lab

A geology course for non-science majors which provides an introduction to physical and historical geology. It includes consideration of the origin and structure of the Earth, rocks and minerals, deformation of the Earth's crust, erosion, and landforms. History of the Earth and development of life.

Prerequisite(s): A minimum "C-" grade in GEOL 1115.

Gerontology (GERO)

GERO 1100 (3 CREDITS) (4:0:0)

Introduction to Gerontology

Students examine ways of thinking about aging from diverse fields of inquiry including historical, political, social, and global perspectives. They learn the major theories of aging as they relate to the developing field of gerontology. Topics include human rights and religious and cultural perspectives on aging including the Canadian Indigenous experience. Students learn about the impact of population aging on society as well as current responses to the needs, challenges, and concerns of Canada's aging population. Students examine aging from a systems perspective with an emphasis on positive outcomes and understandings about aging.

Registration in this course is restricted to students admitted to the Diploma in Gerontology and Certificate in Social Service Worker (Gerontology).

GERO 1115 (3 CREDITS) (4:0:0)

Communication Skills With Older Adults I

Communication skills (verbal and non-verbal) are foundational to respectful, effective social service practice with older adults. In this course, students examine the context and nature of the helping relationship according to the values, principles, and standards of conduct for social workers from the Canadian Association of Social Workers Code of Ethics. They learn a structured, client-centred framework for conducting interviews, and practice core skills such as active listening, empathy, and attending during role-plays (some of which are recorded and critiqued).

Registration in this course is restricted to students admitted to the Diploma in Gerontology and Certificate in Social Service Worker (Gerontology).

GERO 1200 (3 CREDITS) (4:0:0)

Gerontology II: Understanding Aging Today

Students analyze the political and social determinants of health of older persons and how race, class, and gender shape the experience of Canada's aging population. Students learn how aging influences our lives, our relationships, and our opportunities throughout the life course. They explore the trends and impacts of public policy on social services and health care services. Students reflect on aging in their own families and communities and examine their own ethics, beliefs, and attitudes about the life cycle, aging, and death and dying.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in GERO 1100.

GERO 1215 (3 CREDITS) (4:0:0)

Communication Skills With Older Adults II

Communication skills (verbal and non-verbal) are foundational to respectful, effective social service practice with older adults. Building on the concepts of Communication Skills I, this course introduces advanced practical skills (e.g. conflict resolution, problem-solving, and goal-setting) used in the helping relationship. Students continue to apply the values, principles, and standards of conduct for social workers provided by the Canadian Association of Social Workers Code of Ethics. A key component of the course is student participation in role-plays, some of which are recorded and critiqued.

Registration in this course is restricted to students admitted to the Diploma in Gerontology and Certificate in Social Service Worker (Gerontology).
Prerequisite(s): A minimum "C-" grade in GERO 1115.

GERO 1300 (3 CREDITS) (4:0:0)

Social Policy and Aging

The individual experience of aging in Canada is shaped by the larger social policies put in place to respond to population aging. In this course, students explore the role of the welfare state, political ideology, and the concept of social determinants of health in relation to issues affecting older adults and their families. Students use this foundation to examine key areas of concern such as elder abuse, caregiving, dementia, retirement income, income inequality, housing, health care, and aging in place. Students analyze current and proposed policy responses to such issues.

Registration in this course is restricted to students admitted to the Diploma in Gerontology and Certificate in Social Service Worker (Gerontology).

GERO 1400 (1 CREDIT) (0:0.461:0)

Special Topics in Aging I

Students tap into the knowledge, experience, and ideas of leading practitioners in the field of gerontology exploring topics such as the arts and aging, addiction and aging, and health promotion. Students learn about new programs, research, innovative approaches, ethical dilemmas, policies, and emerging topics. Guest speakers from the community are invited into the classroom and students participate in field trips when appropriate. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in all of the following: ENGL 1123, 1127, or 1128; and GERO 1100, 1115, HSCI 1195, and PSYC 1115; or permission of the program coordinator.

Corequisite(s): GERO 1200, 1215, 1300, and PSYC 1215; or permission of the program coordinator.

GERO 1816 (1 CREDIT) (0:4:0)

Gerontology Practicum I

Field education provides an opportunity for students to integrate, synthesize, and apply skills and theoretical approaches they have learned in the classroom to practice settings in the field with older adults. Students spend four hours a week in a practicum placement at a designated social service community agency under the supervision of an agency field supervisor. Through this experience, they develop and practice professional behaviours and learn how particular agencies meet the needs of older adults. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Gerontology and Certificate in Social Service Worker (Gerontology).

Corequisite(s): GERO 1100.

GERO 1916 (3 CREDITS) (0:14:0)

Gerontology Practicum II

Field education provides an opportunity for students to integrate, synthesize, and apply skills and theoretical approaches they have learned in the classroom to practice settings in the field with older adults. Students spend two days a week in the same practicum setting as the previous term. They continue to integrate program curriculum learning with practical

experience, applying specialized knowledge, theory, and ethics within the practicum setting while developing professional practice skills. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Gerontology and Certificate in Social Service Worker (Gerontology).

Prerequisite(s): An "S" grade in GERO 1816.

GERO 2016 (4 CREDITS) (0:8:0)

Gerontology Practicum III

Project work is integral to providing services within the senior service sector. This practicum provides an opportunity for students to integrate, synthesize, and apply skills and theoretical approaches they have learned in the classroom to a specific project in a practice/agency setting with older adults. Students spend one day a week implementing a project or a portion of a larger project for a community and/or organizational setting under the supervision of an agency supervisor. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in all of the following: GERO 1100, 1115, 1215, and 1300; and an "S" grade in GERO 1816 and 1916; or permission of the program coordinator.

GERO 2100 (3 CREDITS) (4:0:0)

Older Adults, Mental Health, and Substance Misuse

This course provides students with an introductory overview of how mental health and substance misuse uniquely affect older persons. Students critically examine historical and contemporary theoretical perspectives on mental health conditions and treatment methods, and prevention strategies for a variety of mental health conditions and substance misuse among older adults; as well as current social, political, and legal needs and priorities. They explore the signs, treatment methods, and prevention strategies for a variety of mental health conditions and substance misuse issues seen in older adult populations. The provincial and local services and resources available to individuals seeking support will be identified. Throughout the course, students are required to reflect on their values and beliefs may potentially influence their social service practice.

Registration in this course is restricted to students admitted to the Diploma in Gerontology and Certificate in Social Service Worker (Gerontology).

Prerequisite(s): A minimum "C-" grade in GERO 1100; or permission of the program coordinator.

GERO 2110 (3 CREDITS) (0:4:0)

Aging and Intersectionality

Students explore how broad societal-macro factors and interlocking oppressions such as ageism, racism, and classism shape and determine the experience of aging. They learn how older persons experience disadvantages in unique ways based on the intersection of age and other aspects of identity such as gender, race, socioeconomic status, sexual orientation, and disability. Students will gain critical awareness of the heterogeneity within the older adult population and learn how to apply an intersectional approach to respond to their diverse needs and to address the equity gap. They explore issues affecting older adults within a framework of human rights, citizenship, and inclusion. Students examine their own beliefs and attitudes with respect to aging and intersectionality and reflect on the values and knowledge required to become advocates for social justice.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in GERO 1100 and 1115; or permission of the program coordinator.

GERO 2200 (3 CREDITS) (4:0:0)

Advanced Practice with Older Adults

Knowledge of theoretical perspectives used in social work and gerontology are vital to effective social service practice with older adults. In this course, students explore various therapeutic theories and modalities related to stages of aging. They learn about the role of theory and its relationship to ideology, as well as the links between social values, theory, and practice. Students critique a range of social work and aging theories to build a foundation for critical, anti-oppressive social service practice.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in GERO 2100; or permission of the program coordinator.

GERO 2215 (3 CREDITS) (4:0:0)

Death and Dying

Students explore the process of death and dying from multiple perspectives such as personal, ethical, cultural, religious, political, legal, and societal. They build a comprehensive understanding of the stages of grief and loss and the government and community resources available to support older adults and their families. Students develop an informed framework for best practice when working with older adults who are transition to end of life and experiencing grief and loss related to death and dying.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in GERO 1100; or permission of the program coordinator.

GERO 2225 (3 CREDITS) (4:0:0)

Community-Based Practice with Older Adults

Community agencies are fundamental in supporting older adults to maintain social, emotional, and physical wellness. During this course, students explore and analyze different conceptions and functions of community and the varying ways that community agencies and community work are structured. Students review the history of community development, different theoretical and political perspectives to this work, and core skills and processes used in the field. Using real-life seniors-serving organizations as examples, students identify and reflect on different aspects of community-based work that are present within them.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in GERO 1100 and 1300; or permission of the program coordinator.

GERO 2315 (3 CREDITS) (0:0.92:0)

Practicum I

The practicum course is a structured educational experience that includes a supervised placement in a community organization (two days a week for a total of 208 hours) and concurrent bi-weekly seminars. Students integrate classroom and seminar learning with practical experience, applying specialized knowledge, theory and ethics within gerontology service settings while developing professional practice skills. In the field placements, students work with older adults, family members, community groups, and professionals. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in GERO 1200, 1215, and 1300; or permission of the program coordinator.

Corequisite(s): GERO 2100 and 2110; or permission of the program coordinator.

GERO 2400 (1 CREDIT) (0:0.46:0)

Special Topics in Aging II

Students tap into the knowledge, experience, and ideas of leading practitioners in the field of gerontology, exploring topics such as the arts and aging, addiction and aging, and health promotion. Students learn about new programs, research, innovative approaches, ethical dilemmas, policies, and emerging topics. Guest speakers from the community are invited into the classroom and students participate in field trips when appropriate. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): An "S" grade in GERO 1400; or permission of the program coordinator.

GERO 2415 (3 CREDITS) (0:1:0)

Practicum II

The practicum course is a structured educational experience that includes a supervised placement in a community organization (two days a week for a total of 208 hours) and concurrent bi-weekly seminars. Students integrate classroom and seminar learning with practical experience, applying specialized knowledge, theory and ethics within gerontology service settings while developing professional practice skills. In the field placements, students work with older adults, family members, community groups, and professionals. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): An "S" grade in GERO 2315; or permission of the program coordinator.

Corequisite(s): GERO 2200 and 2225.

Health Sciences (HSCI)

HSCI 1120 (3 CREDITS) (3:1:0)

Introduction to Human Sexuality and Behaviour

Students explore biological, psychological, social, and cultural perspectives on human sexuality and sexual behaviour. Topics include the physical development and functions of reproductive systems, sexual dysfunction, sexually transmitted diseases, gender and gender identity, and relevant Canadian law.

Prerequisite(s): One of the following: LET 3 (or LPI equivalent); IELTS 6.5 with a minimum of 6.0 in each band; a minimum "C+" grade in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in one of the following: CMNS 1115, 1118, ENGL 1120, 1123, 1127, or 1128; an "S" grade in ENGL 1107, 1108, or 1110; or a "C-" grade in one of the following: HSCI 1130, 1140, 1160 or 1180.

HSCI 1130 (3 CREDITS) (3:1:0)

Foundations of Health Science

Students explore foundational issues in health science. Topics include health, illness and disease, and an introduction to research methods and determinants of illness and disease in human populations. The influence of demographic, genetic, biological, environmental, socio-economic, behavioural, and political factors in the determination of human health are investigated. Ethical issues and moral considerations that inform health care research, allocation of health care resources, and clinical care are emphasized.

Prerequisite(s): A minimum "C" grade in one of the following: Precalculus 11, Precalculus 12, Foundations of Math 11, Foundations of Math 12, or Apprentice and Workplace Math 12; a minimum "C-" grade in one of the following: MATH 1150, 1152, 1153, 1170, 1171, 1173, or 1174 (MATH courses may be taken concurrently); MDT 60; or permission of the department; and a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; LET 3; an "S" grade in ENGL 1107; or a minimum "C" grade in one of the following: CMNS 1114, 1118, 1122, ENGL 1123, or 1127. Math prerequisites are valid for only three years.

HSCI 1140 (3 CREDITS) (3:1:0)

Complementary and Alternative Medicine

Students use the scientific method as a basis for exploring the role, mode of action, and efficacy of the most commonly encountered forms of complementary and alternative medicine. The legal and regulatory status and ethical considerations of alternative medical practices and products are also investigated.

Prerequisite(s): One of the following: LET 3 (or LPI equivalent); IELTS 6.5 with a minimum of 6.0 in each band; a minimum "C+" grade in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in one of the following: CMNS 1115, 1118, ENGL 1120, 1123, 1127, or 1128; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C-" grade in one of the following: HSCI 1120, 1130, 1160, or 1180.

HSCI 1160 (3 CREDITS) (3:1:0)

Global Perspectives on Health

Students investigate the major trends, issues, and challenges in the area of global health using a cross-disciplinary approach. This includes perspectives on major diseases of global importance as well as considerations of health information, health care systems, and health care governance and policy.

Prerequisite(s): One of the following: LET 3 (or LPI equivalent); IELTS 6.5 with a minimum of 6.0 in each band; a minimum "C+" grade in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in one of the following: CMNS 1115, 1118, ENGL 1120, 1123, 1127, or 1128; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C-" grade in one of the following: HSCI 1120, 1130, 1140, or 1180.

HSCI 1180 (3 CREDITS) (3:1:0)

Drugs and Society

Students explore the subject of drug addictions and their social impact. In addition to the pharmacology and effects of legal and illegal drugs, risk factors and major theories on substance abuse and addiction are analyzed with the goal of understanding the pros and cons of current approaches to the management of drug use from a public health policy perspective.

Prerequisite(s): One of the following: LET 3 (or LPI equivalent); IELTS 6.5 with a minimum of 6.0 in each band; a minimum "C+" grade in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in one of the following: CMNS 1115, 1118, ENGL 1120, 1123, 1127, or 1128; an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C-" grade in one of the following: HSCI 1120, 1130, 1140, or 1160.

HSCI 1195 (3 CREDITS) (4:0:0)

Human Biology of Aging

Students explore the physiological process of aging in humans. Students study the fundamentals of human physiology and develop an understanding of current scientific theories on the process of normal human aging. Broader ideas of aging as a process in the wider biological world are also considered. Students examine expected manifestations of aging on key human systems such as the cardiovascular, nervous, endocrine, reproductive, muscular and skeletal, and immune systems.

Priority registration for students admitted to the Diploma in Gerontology.

Prerequisite(s): One of the following: LET with a minimum level 3; IELTS 6.5 with a minimum 6.0 in each band; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension; a minimum 80% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C-" grade in a university-level English or communications course for which Langara awards transfer credit; or a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

HSCI 2204 (3 CREDITS) (4:0:0)

Perspectives on Human Health and the Environment

Living and working environments have a significant impact on human health and ecosystems. Students in HSCI 2204 review common and harmful environmental and occupational health hazards and their repercussions for human health. Exploration of common air, soil, and water-borne contaminants and occupational exposures includes methods of threat detection, measurement, management, and mitigation.

Prerequisite(s): A minimum "C" grade in Biology 1111 or 1115; and HSCI 1130.

HSCI 2207 (3 CREDITS) (4:0:0)

Research Methods in Health Sciences

Medical practice is extensively informed by the research findings of epidemiologists. Students in HSCI 2207 explore the development and design process of health-related research, and the types of methodologies, both quantitative and qualitative, which are commonly used in epidemiology.

Prerequisite(s): A minimum "C" grade in HSCI 1130 and one of the following: BIOL 1111, 1115, or 1190.

HSCI 2211 (3 CREDITS) (3:1:0)

Perspectives on Cancer, Cardiovascular, and Metabolic Diseases

Non-communicable diseases (NCD) such as cancers, cardiovascular, and metabolic diseases make up the largest proportion of diseases causing morbidity and mortality in North America. Students examine the biological mechanisms, risk factors, global distribution, and prevention strategies of each NCD. In addition, the impact of the major NCDs on public health is studied using a multi-disciplinary approach.

Prerequisite(s): A minimum "C" grade in HSCI 1130 and one of the following: BIOL 1111, 1115, or 1190.

Note: Students wanting to complete a BSc at SFU in Health Sciences must take BIOL 1115. Students wanting to complete a BA at SFU in Health Sciences must take BIOL 1111 or 1115.

HSCI 2212 (3 CREDITS) (3:1:0)

Perspectives on Immunology, Infectious, and Parasitic Diseases

Students explore the agents of infectious diseases and the role of the human immune system in the progression and expression of those diseases. The roles of climate change, human activity, and socioeconomic status on the spread and emergence of infectious disease are also discussed. Students closely examine the pathophysiology and epidemiology of HIV/AIDS, TB, and malaria in Canada and globally.

Prerequisite(s): A minimum "C" grade in HSCI 1130 and one of the following: BIOL 1111, 1115, or 1190.

Note: Students wanting to complete a BSc at SFU in Health Sciences must take BIOL 1115. Students wanting to complete a BA at SFU in Health Sciences must take BIOL 1111 or 1115.

HSCI 2214 (3 CREDITS) (3:1:0)
Perspectives on Mental Health and Illness
Students carry out an interdisciplinary examination of mental health and mental illness from biological, psychological, cultural, and political perspectives. Foundational concepts of selected mental health and illness issues are also explored.

Prerequisite(s): A minimum "C" grade in HSCI 1130 and one of the following: BIOL 1111, 1115, or 1190.

Note: Students wanting to complete a BSc at SFU in Health Sciences must take BIOL 1115. Students wanting to complete a BA at SFU in Health Sciences must take BIOL 1111 or 1115.

HSCI 2215 (3 CREDITS) (4:0:0)
Perspectives on Disability and Injury
Students are introduced to an overview of disability and injury. Topics include causes and risk factors of different types of disability and injury at regional and global levels, and science-based strategies for prevention. Students also critique the application of human rights as they apply to disability.

Prerequisite(s): A minimum "C" grade in HSCI 1130 and one of the following: BIOL 1111, 1115, or 1190.

Note: Students wanting to complete a BSc at SFU in Health Sciences must take BIOL 1115. Students wanting to complete a BA at SFU in Health Sciences must take BIOL 1111 or 1115.

HSCI 2216 (3 CREDITS) (3:1:0)
Ecological Determinants of Human Growth, Development, and Health
Ecology is the study of an organism and its interactions with the physical surroundings. These interactions play an important role in determining how we develop and our health and well-being. Students examine the concept of human health from a genetic and evolutionary perspective, and consider the ecological impacts on human evolution, growth, development, and disease. Topics include the challenges of catastrophes, industrialization, globalization, migration, poverty, war, and climate change on human health. Students study how human populations have responded and adapted to these challenges in the past, and predict what might happen to human health when exposed to novel ecological influences such as technology.

Prerequisite(s): A minimum "C" grade in HSCI 1130 and one of the following: BIOL 1111, 1115, or 1190.

Note: Students wanting to complete a BSc at SFU in Health Sciences must take BIOL 1115. Students wanting to complete a BA at SFU in Health Sciences must take BIOL 1111 or 1115.

HSCI 2220 (3 CREDITS) (2:2:0)
Determinants and Experiences of Indigenous Peoples' Health
Students learn about the historical, intergenerational and present-day effects of colonization that impact Indigenous Peoples' health. Students explore topics through an Indigenous worldview and examine their own values, assumptions, and motivations when engaging in health sciences and public health work. Through a combination of discussion, critical analysis, reflection, lectures and interactive learning, students determine their goals for action with Indigenous Peoples and communities.

HSCI 2230 (3 CREDITS) (4:0:0)
Evaluating Epidemiological Research
Students in HSCI 2230 build upon introductory epidemiological concepts taught in HSCI 1130 to further develop their skills in evaluation and critique of epidemiological research. They explore the advantages and limitations of the epidemiological approach for researching health and disease in populations.

Prerequisite(s): A minimum "C" grade in HSCI 1130 and one of the following: BIOL 1111, 1115, or 1190.

HSCI 2295 (3 CREDITS) (4:0:0)
Age-Related Conditions and Interventions
Students explore the diseases associated with aging as well as their interventions. Students focus on the processes that lead to the development of the most common disorders associated with older persons. Students learn the clinical manifestations and interventions that reduce the risk of these disorders as well as the therapies for these conditions. Within each body system (cardiovascular, neurological, digestive, respiratory, urinary, reproductive, and skeletomuscular), the disorders are addressed according to their prevalence and severity.

Priority registration in this course is offered to students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in HSCI 1195.

History (HIST)

Students interested in history may also be interested in ASIA 2170 - Imperialism in China (19th Century) and ASIA 2270 - Modern China and the West (20th Century).

HIST 1100 (3 CREDITS) (2:2:0)
World History to 1500
Since the dawn of history, humans have come together to ensure survival and pursue common aims, developing societies that are unique in their cultural and historical expression. Students explore the development of human societies across the globe, including Southwest Asia, South Asia, East Asia, Africa, Europe, and the Americas up to about 1500 CE. As far as historical events and sources allow, the same amount of attention is given to each region. Students analyze primary sources, both written documents and objects, to understand the perspectives of those who lived through the events that they describe. They also discuss questions of indigeneity, race, gender, and social class, as well as connections within and between societies at a time when humans moved from isolated communities to increasingly connected ones. Students also compare societies in different parts of the world to explore and seek to explain the parallels and variations between the societies that they see presented in the historical record. Through these activities, students reflect on their own experiences as individuals studying in modern Canada on First Nation Musqueam unceded, traditional territories.

HIST 1101 (3 CREDITS) (2:2:0)
World History Since 1500
From about the year 1500 CE to the modern day, human societies have evolved from the beginnings of global contact to a truly international world. Students explore the continued development of human societies in the early modern and modern eras across the globe, including Southwest Asia, South Asia, East Asia, Africa, Europe, and the Americas. As far as historical events and sources allow, the same amount of attention is given to each region. Students analyze primary sources, both written

documents and objects, to understand the perspectives of those who lived through the events that they describe. They also discuss questions of indigeneity, race, gender, and social class, as well as connections within and between societies at a time when the scope of humans' impact upon each other has become increasingly global. Students also compare societies in different parts of the world to explore and seek to explain the parallels and variations between the societies that they see presented in the historical record. Through these activities, students reflect on their own experiences as individuals studying in modern Canada on First Nation Musqueam unceded, traditional territories.

HIST 1113 (3 CREDITS) (3:1:0)
History of the Early Medieval World
A study of the most significant aspects of Early Medieval history from the decline of Rome to about the year 1000 AD. Special attention will be given to the development of characteristic institutions and ideas in this period. The course will focus upon the disintegration of the classical world and the genesis of a new form of civilization in Europe. Special attention will be given to the new order created in Western Europe at the time of Charlemagne and his immediate successors.

HIST 1114 (3 CREDITS) (3:1:0)
Renaissance and Reformation
The development of the political thought, religion, science, economics, and culture of the Western World from the Italian Renaissance to the mid-18th century. An introductory course recommended as the basis for studies in modern history. In all fields, western Europe was characterized by a greater secularization and this forms one of the major themes of this course.

HIST 1115 (3 CREDITS) (3:1:0)
The Modern World: 1900–1945
This course surveys a unique period of change and conflict in world history, from the pinnacle of European imperial power in the globe to its demise in World Wars I and II. Students examine the origins and outcomes of both World Wars and the rise of Soviet Communism, Nazism, and Fascism. The emergence of America as a global power and the rise of nationalist movements in Asia and Africa contesting European control will be among the topics surveyed. They will also examine the events of World War II in Europe and Asia including the Holocaust, the end of World War II, and the beginnings of the Cold War.

HIST 1116 (3 CREDITS) (3:1:0)
Colonies and Conflict: Canada to 1867
The analysis of early French and English colonies on the eastern coast through the period of colonial rivalry; the relationship between Europeans and First Nations; the British conquest; the conflict of cultures; social, economic, and political developments to 1867. HIST 1116 can be taken before or after HIST 1126 (Modern Canada) or concurrently.

HIST 1118 (3 CREDITS) (3:1:0)
Journeys in the History of Ideas
This course will examine the development of cultural or political concepts over time, paying special attention to ways in which these ideas interact with political, social, and economic conditions. Students will gain awareness of how these ideas can be manipulated to serve specific political, social, or religious agendas

HIST 1119 (3 CREDITS) (3:1:0)
American History (From Early Colonies to the Civil War)
A study of the struggle of the first British colonies for economic existence, for political independence, for continental expansion, and for political unity.

HIST 1120 (3 CREDITS) (2:2:0)
War and Society
Warfare has evolved from ancient to modern times. In this course, students explore the transformative effect of warfare on society while also examining how social, cultural, and political changes have dramatically altered the way warfare is conducted. Students assess collective identities, state formation, and economic systems in shaping war-making capabilities of nations, empires, and sub-state actors and examine the relationship between war, social change, and culture. The morality of war and its role as an instrument of change in transforming societies will also be discussed.

HIST 1123 (3 CREDITS) (4:0:0)
History of the Late Medieval World
A study of the most pertinent aspects of the Late Medieval world from about the year 1000 A.D. until the Italian Renaissance. Special attention will be given to the development of institutions and ideas in this period, particularly the 12th century revival of learning and its aftermath.

HIST 1124 (3 CREDITS) (3:1:0)
Europe in a Revolutionary Age
This course is a continuation of HIST 1114, extending from the mid-18th century to 1900. Special attention is given to the Enlightenment, the Industrial Revolution, the American and French Revolutions, and the major social and intellectual developments of 19th century Europe. These are the forces that have shaped the modern world and this is an introductory course which is recommended as a basis for studies in Modern History.

HIST 1126 (3 CREDITS) (3:1:0)
Forging a Nation: Canada since 1867
The social, political, and economic growth of Canada since Confederation. This course will consider such topics as 19th century economic policy, the relationship between First Nations and the emerging Canadian state, the place of Quebec in Canada, women's historical experience, the impact of industrialization, and Canada's relationship to both Britain and the United States. History 1126 can be taken before or after History 1116 (Early Canada) or concurrently.

HIST 1129 (3 CREDITS) (3:1:0)
American History (Reconstruction to the Present)
The coming of age of a great power. This course explores the history of American people as they recover from the trauma of the civil war and incorporate new lands, resources and floods of immigrants to become the world's most powerful economy. In two world wars, the U.S. takes on global responsibility which is confirmed during the Cold War and after. Emphasis will be placed on social and cultural as well as political themes.

HIST 1130 (3 CREDITS) (3:1:0)

The Modern World: 1945 to the Present

This course examines world history in the aftermath of World War II. Students examine the rise and course of the global Cold War struggle between the US and the USSR and the many regional conflicts in Asia, Africa, and the Middle East that it spawned. They will also explore the rise of Communist China to global preeminence, the collapse of colonialism, and the end and aftermath of the Cold War.

HIST 1155 (3 CREDITS) (4:0:0)

The History of the Family in Western Society

An introduction to the changing role of the family in Western society from the pre-industrial past to the 20th century. The course will focus on changes in the way the Western family served its members at various stages of their lives from childhood to old age as the family adapted to changes in the state and marketplace.

HIST 1161 (3 CREDITS) (4:0:0)

Selected Issues in Canadian History

This course covers selected issues in Canadian history.

HIST 1195 (3 CREDITS) (3:1:0)

Special Topics I

This number is reserved for history courses that may be offered from time to time by: a) College history faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting history lecturers.

HIST 2207 (3 CREDITS) (2:2:0)

Early British Columbia

This course focuses on the British Columbia historical experience from the time of contact between First Nations and European people until BC joined Confederation in 1871. Themes of particular interest include First Nations-European relations, colonial settlement, the structure of BC's society and economy, American influences and confederation. In addition, this course provides an introduction to research methods in local history.

HIST 2210 (3 CREDITS) (4:0:0)

Ancient Greece

Greece in the Bronze Age; the evolution of government and society; the rise and fall of the Athenian Empire; Macedon and Alexander the Great; how the Greeks remembered their past. This course is taught at a second year level, but there is no prerequisite.

HIST 2211 (3 CREDITS) (4:0:0)

Ancient Rome

Early Rome and its foundation. The republic, with emphasis upon the evolution of government and pressure of war. The fall of the republican government and the triumph of Augustus. The developed Empire and the Pax Romana. Decline and fall. This course is taught at a second year level, but there is no prerequisite.

HIST 2217 (3 CREDITS) (3:1:0)

Modern British Columbia

A topical survey of British Columbia history since confederation in 1871 with special attention to the structure of BC's economy, the ethnic make-up of the province, First Nations' issues, industrial relations, urbanization, environmental questions, and provincial politics. In addition, this course provides an introduction to historical research methods.

HIST 2220 (3 CREDITS) (2:2:0)

The Second World War

World War II had a decisive impact on the twentieth century, moving from discrete causes in Asia and Europe to affecting the course of world history. Students analyze and discuss the military, economic, geopolitical, and moral consequences of the greatest war ever fought. They debate whether major decisions by individual leaders determined the grand strategic outcomes of the war or whether material factors offer a better explanation of who won and lost and how they won or lost. Students explore statecraft, grand strategy and command, while also dealing with battle as experienced by flesh and blood soldiers and examining 'home front' conditions such as total war mobilization of civilian populations, and resistance or collaboration with occupation. They also discuss questions of gender, race, and social class, and how the war affected different groups in society.

HIST 2225 (3 CREDITS) (3:1:0)

The Peoples of Quebec: A Social History to the late 19th Century

This course explores the histories and interactions of the peoples who inhabited Quebec from the sixteenth through the nineteenth centuries. Themes to be investigated include the Aboriginal experience of colonization; relations between centre and periphery in an imperial era; the struggle for place and identity by distinct cultural groups; the meanings of nationalism; state formation and its significance for local communities; and the social and political consequences of industrialization.

HIST 2229 (3 CREDITS) (3:1:0)

The Rise and Fall of the British Empire

HIST 2229 is a survey of the British Empire from its beginning until present. Between the reigns of two Elizabeths, Britain expanded from the islands off the coast of Europe to encompass territories encircling the globe. The largest expire ever known lasted three centuries in one form or other and left an enduring stamp on the independent nations that emerged in the nineteenth and twentieth centuries. Given that the British Empire was the world's first truly global empire and gave rise to the tradition of European statesmen thinking about the world in global terms. HIST 2229 reflects current interest in globalization and world history.

HIST 2231 (3 CREDITS) (3:1:0)

France in a Revolutionary Age: 1760–1848

This course begins with a study of the most pertinent aspects of French history during the last years of the Old Regime. Special attention will be given to the social, economic and intellectual origins of the Revolutions of 1789, 1830, and 1848. The impact of the French example on the rest of Western Europe will form one of the major themes of this course.

Prerequisite(s): Any history course.

HIST 2234 (3 CREDITS) (3:1:0)

From Lenin to Putin: A History of the Soviet Union, 1917–1991

Students explore the history of the Soviet experience from 1917 to 1991, and its legacies in the post-Soviet period. They learn about a range of topics, including the origins and outcomes of the October Revolution; the formation of the Soviet state and the problem of violence; the monumental political, social, and economic changes brought on by Stalin in the 1930s; Soviet sacrifices and victory in the Second World War; post-Stalinist reconfiguration; Soviet

actions in the Cold War; and the decline and eventual collapse of the Soviet Union. This enables students to assess the weaknesses of the Soviet system while debating whether reforming the system was a viable solution.

HIST 2236 (3 CREDITS) (4:0:0)

The Franks: From Barbarian Tribe to Imperial Mission - the Destiny of the Merovingians and the Carolingians

The Franks first appear in historical sources during the 3rd century AD as a group of undistinguished barbarians living in the lowlands north and east of the Rhine frontier of the Roman Empire. From this undistinguished beginning, they created the most powerful of all the barbarian kingdoms and became the effective heirs of the Roman Empire. In 800, a Frank was crowned in Rome as the first emperor of Germanic origins. Utilizing contemporary documents and archaeological evidence, this course traces the history of the Franks from barbarism to their military and civil dominance of western Europe.

HIST 2239 (3 CREDITS) (3:1:0)

Britain in the 19th Century

Victorian Britain was the first urban industrial nation. This course will examine the way that Victorian society met the challenge of industrialization, focusing on the social, cultural, and political changes that took place in Britain during the 19th century. Emphasis will be placed on specific themes such as the changing class relationships, the impact of industrialization on family life, patterns of work and leisure, and urban growth.

HIST 2240 (3 CREDITS) (2:2:0)

The Cold War, 1943–1991

Formerly HIST 2241 and 2242

Against the backdrop of World War II, students explore the events and circumstances which led to the division of the world into two mutually hostile camps, the communist and the capitalist, each under the aegis of the USSR and the USA respectively. This polarization of world politics carried with it the danger that any conflict between the two superpowers might ignite a world-wide conflict. Students examine the Chinese Communist Revolution, the Korean War, the Cuban Missile Crisis, the quagmire in Vietnam, and the fall of the Iron Curtain.

Students will receive credit for only one of HIST 2240 or 2241; and HIST 2240 or 2242.

HIST 2243 (3 CREDITS) (4:0:0)

Vietnam: From Colonial War to Cold War, 1945–1975

This course looks at the various decisions made by the great powers which turned a deaf ear to the postwar Vietnamese desire for independence and instead ushered in a period of unrelenting turmoil and suffering. France's attempt to re-establish her colonial overlordship in Vietnam ended in failure in 1954, with the United States subsequently stepping in to prevent South Vietnam from falling victim to Communism. As an important "domino", South Vietnam became a recipient of US military and economic aid, to ensure her survival as part of the free world. In the end, however, the costs of such policies became unbearable, at home as well as abroad and like France before her, the United States too had to pull out of Vietnam.

HIST 2245 (3 CREDITS) (3:1:0)

Rights, Rock, and Revolution: The Uncivil War of the 1960s

This course charts the rise and transformation of social and political protest in Western Europe and North America since 1945. It pays particular attention to the ways in which consumer society, the welfare state, and new forms of popular culture were important in shaping student protest, youth counter culture, feminism, environmentalism and other movements and equally so in determining the growth of a populist conservative reaction in the 1980's and 1990's

HIST 2247 (3 CREDITS) (2:2:0)

Canada and the World Wars

Canada's involvement in the two world wars led to dramatic growth and maturation of the nation. It moved away from its colony-nation status as part of the British Empire and by 1945, had moved into the United States' sphere of influence. As a result of World War II, Canada boasted the fifth largest military on Earth and was well on its way to becoming one of the wealthiest nations on the planet. This period also witnessed dramatic social change as women received the vote and the foundations for the social welfare state were laid. Students explore a broad range of topics related to the political, social, economic, and military events that surrounded Canada's participation in the two world wars while identifying the changes wrought upon the Canadian state and Canadian people as a result of the country's involvement.

Students will receive credit for only one of the Summer Semester 2017 or Summer Semester 2018 offering of HIST 1195 or 2247.

HIST 2249 (3 CREDITS) (3:1:0)

Britain in the 20th Century

A study of the dramatic changes in British society and Britain's place in the world from the beginning to the end of the 20th century, exploring such themes as Britain's central role in WWI and WWII, the loss of Empire the rise of the Welfare state, and her post-war position as mediator between the United States and Europe.

HIST 2250 (3 CREDITS) (2:2:0)

Islam from Muhammad to Mongols

This course provides students with an introduction to the Classical period of Islamic history, from the birth of the Prophet Muhammad in about 570 to the fall of Baghdad to the Mongols in 1258. The course will consider not only political history but also intellectual and religious developments during the period. Particular issues addressed will include the challenges faced by Muhammad in both Mecca and Medina; the assimilation of foreign cultures during the Muslim conquests of the 7th and 8th centuries; the transition of power from the Umayyads to the Abbasid; the fragmentation of the Abbasid caliphate and the domination of the caliphs by their subordinates; the impact of European invasions on the lands of Islam; the eventual fall of the caliphate to the Mongols; and the evolution of religious and judicial institutions, literature, science, and philosophy. Consideration will also be given to the alternative visions of Islamic theology and practice embodied in Shi ism and Sufism.

HIST 2251 (3 CREDITS) (2:2:0)

Islam from Mongols to Modernity

This course presents a study of the early modern and modern history of the Muslim world, beginning with the Mongol conquests of the mid 13th century and ending with the modern day. The course will examine the period from a variety of disciplinary perspectives, considering history, theological and judicial developments, philosophy, scientific thought, literature, and art. Particular emphasis will be placed on the role that Islam has played in the unfolding of events in the Muslim world and how far the issues

that have arisen in the region have been affected by the religiosity of its inhabitants. In adopting this perspective, the course will demonstrate how the Muslim world has developed into the form it has at present, enabling students better to understand the events and issues that they see making headlines today. The readings assigned in this course will include both primary sources and secondary literature.

No prior knowledge of Islam or its history is required from students taking this course.

HIST 2252 (3 CREDITS) (2:2:0)

History and Religion in Islam Art

This course involves study of the architecture and artifacts of Islam as a reflection of Islamic beliefs and historical developments. Since its rise in Arabia in the 7th century, Islamic society has produced many beautiful works of architecture and decoration, but how far do these works reflect Islamic beliefs, and how far would it be more accurate to regard them as a reflection of historical realities? What do we actually mean when we describe forms of artistic expression as being distinctively "Islamic?" This course will seek to answer these questions through an examination of various forms of Islamic art, including architecture, paintings, ceramics, calligraphy, and sculpture.

No prior knowledge of Islam or its history is required from students taking this course.

HIST 2255 (3 CREDITS) (4:0:0)

History of the Modern Middle East

This course surveys and attempts to make sense of the recent history of a region that has been torn by internal strife and has become the focus of intense international conflict. Focusing on the history of the Middle East in the 20th century this course will examine, amongst other topics: the development of state and society in the aftermath of World War I, the emergence of the state of Israel and an enduring Arab-Israeli conflict, the role of external powers in the history of this region, and the rise of Arab nationalism and the politics of Islam. The course will culminate with a discussion of the "events of 9/11" and the beginning of a new "Gulf War" in 2003.

HIST 2260 (3 CREDITS) (3:1:0)

Environmental History

An introduction to the main currents of research and writing in the field of environmental history. Students will examine the intellectual and cultural history of ideas of nature, wilderness, environment and the human relation to it, as well as the principal ways - political, economic, social and cultural - in which humans have related to the environment.

HIST 2261 (3 CREDITS) (2:2:0)

Tropical Health and Global Wealth: Disease in World History

Disease and medicine have played important roles in shaping world history. Students explore how 18th and 19th century colonialism and imperialism are linked to changing notions about health, environment, climate, disease causation, and racialized and Indigenous bodies. Students also learn how specific historical events and processes such as nationalism in the developing world, Cold War politics, and modern-day philanthropy, along with scientific and medical advances, have affected the goals and outcomes of global health initiatives through to the present day.

Students will receive credit for only one of the Fall Semester 2018 offering of HIST 1195 or 2261.

HIST 2269 (3 CREDITS) (4:0:0)

Canadian-American Relations

A study of integration and conflict, from our historical beginnings to our 20th century industrialization. The course will examine the influence the United States has had on the development of Canadian Society in the areas of economics, culture, defence, and foreign policy.

Prerequisite(s): Any history course.

HIST 2295 (3 CREDITS) (3:1:0)

Special Topics II

This number is reserved for history courses that may be offered from time to time by: a) College history faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting history lecturers.

International Business (INTB)

Langara School of Management courses can be taken only twice. This includes all BUSM, BCAP, FMGT, INTB, and MARK courses. Students who wish to take a 1xxx or 2xxx course a third time will be given overrides upon request. Students who wish to take a 3xxx or 4xxx course a third time will be asked to submit a plan to the LSM outlining what they will do to ensure success in their third attempt.

INTB 2000 (3 CREDITS) (4:0:0)

Introduction to International Business

Business and management principles vary across borders. Students learn about international business, globalization, and the importance of international business to the Canadian economy. The focus is on the nature of the international business environment: its financial, cultural, social, political, and legal forces; and the ways that this environment has and continues to change. Students examine approaches to conducting business internationally, different sources of government and private assistance for international business, and the role of international organizations such as the World Bank, the International Development Association, the World Trade Organization, UNCTAD, CIDA, and the International Monetary Fund. Students also explore trade flows, and the major trade groups; regions examined include the European Union, ASEAN, APEC, NAFTA, and MERCOSUR.

Students will receive credit for only one of INTB 1200 or 2000.

Prerequisite(s): English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

INTB 3100 (3 CREDITS) (4:0:0)

Management Issues in International Business

This course focuses on understanding the importance of managing business operations in a cross-cultural global environment. The course looks at what international management is and at what the implications are for small, medium, and large-sized international enterprises. Topics include globalization; the global political, legal, and technological environment; social and ethical responsibilities of firms; managing across cultures; cross-cultural management; organizational cultures and diversity; cross-cultural communication and negotiation and control; motivation and leadership across cultures; and international human resource management and labour relations.

Registration in this course is restricted to students admitted to the BBA.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in six credits of university-transferable English or communications.

INTB 3200 (3 CREDITS) (4:0:0)

International Marketing Management

The purpose of this course is to enable students to develop a proficiency in managing marketing principles and practices in a global business environment. This course examines the nature and the characteristics of international marketing and focuses on the applied micro-environmental aspects of the international marketing elements of product, price, distribution, and promotional policies for foreign markets from a conceptual and applications perspective.

Students will receive credit for only one of INTB 2300 or 3200.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in CMNS 2228, MARK 1115, and six credits of university-transferable English or communications.

INTB 3400 (3 CREDITS) (4:0:0)

International Human Resource Management

The challenge of globalization and people management increases the demand for human resource leaders and practitioners to expand and develop their knowledge, skill, and expertise in the field. This course introduces students to the perspective of International Human Resource Management (IHRM) and its purpose, function, and role in international business. Key topics include the management world in the 21st century and defining IHRM; cultural factors that influence international management; economic development and international management; motivation, leadership and IHRM strategy, function, and practice in the cross-national context; the expatriate experience; and special issues and best practices in IHRM.

A cornerstone of this course is the development of a global mindset and perspective. Learners will work in groups to identify and consider international issues from a variety of viewpoints, including stakeholder groups (e.g. managers, HRM practitioners, employees) and specific cultures and countries.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in BUSM 2200 or INTB 2000, CMNS 2228, and six credits of university-transferable English or communications.

INTB 3500 (3 CREDITS) (4:0:0)

International Law

Students are provided with an introductory understanding of the formation, sources, and application of international law; international personality; jurisdiction of states; the law of treaties; the International Court of Justice; state responsibility; substantive international obligations regarding human rights; the use of force by states; the law of the sea and environment; and international criminal law.

Students will receive credit for only one of INTB 2400 or 3500.

Prerequisite(s): Completion of a minimum of 54 credits including a minimum "C" grade in six credits of university-transferable English or communications.

INTB 4100 (3 CREDITS) (4:0:0)

International Logistics

This course provides an introduction to the management of distribution, logistics, and global supply chain management and demonstrates how these functions are meshed into a co-ordinated and efficient corporate operation. Topics include channel planning and management; determining the optimum distribution channel; international logistics management in managing Canada's international trade; trends in international logistics and transportation; and alternative modes of international logistics and transportation. Alternative transportation methods will also be reviewed focusing on the need for intermodility, lower cost and speed, and the support functions and institutions that facilitate international logistics and transportation.

Students will receive credit for only one of INTB 2435 or 4100.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in INTB 2000, and six credits of university-transferable English or communications.

INTB 4195 (3 CREDITS) (4:0:0)

Special Topics in International Business

Special Topics in International Business will allow students the opportunity to explore defined current issues in international business. The course content will change from semester to semester. Please contact the Langara School of Management for information on the next offering of this course.

Registration in this course is restricted to students admitted to the BBA.

Prerequisite(s): Successful completion of 54 credits.

INTB 4200 (3 CREDITS) (4:0:0)

International Business Strategy

This course reviews the implications and developments in the globalization of business; shows how the increase in world trade results in intense competition and greater complexity in doing business; examines trends emerging from globalization and their implications for corporate strategy; describes global strategic intent, its mission and explains its value in responding to international business; and expands the knowledge of international business and strategic management processes. The course also expands on international innovation, environment sustainability, and corporate responsibility.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in CMNS 2228, INTB 2000, and six credits of university-transferable English or communications.

INTB 4800 (3 CREDITS) (4:0:0)

International Marketing

This course explores four major themes in international marketing: the international marketing environment, finding global customers, the global marketing mix, and leadership in global marketing. The purpose of this course is to enable students to develop a proficiency in managing marketing principles and practices in a dynamic global business environment.

Students may receive credit for only one of INTB 3200 or 4800. INTB 3200 may not be used to satisfy the INTB 4800 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Marketing Management.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and MARK 4820.

INTB 4810 (3 CREDITS) (4:0:0)

Management Issues in International Business

This course is an exploration of the issues facing international business managers. Being able to manage organizations in a cross-cultural global environment is required regardless of a company's size. Four major themes are covered in this course: the global manager's environment, the cultural context of global management, formulating and implementing strategy for international and global operations, and global human resources management.

Students may receive credit for only one of INTB 3100 or 4810. INTB 3100 may not be used to satisfy the INTB 4810 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Business Administration.

Prerequisite(s): A minimum "C" grade in BUSM 4805, 4810, and 4820.

Japanese (JAPN)

Students with a minimum "C" grade in a Japanese course cannot repeat the same course without departmental permission.

NOTE

Not all Japanese courses are offered every semester.

JAPN 1115 (3 CREDITS) (3:0:1)

Beginner's Japanese I

An introduction to foundational Japanese. Emphasis is placed on grammar, syntax, and writing, as well as aural/oral practice. Initially students will learn to read and write the hiragana syllabary followed by the katakana syllabary. Upon successful completion of the course, students will be able to understand and formulate basic sentences in speech and writing.

This course is not designed for native speakers of Japanese. Students with a background in Japanese are required to write a placement test before registering in JAPN 1115.

JAPN 1117 (3 CREDITS) (3:0:1)

Intermediate Japanese I

A continuation of the foundational Japanese learned in JAPN 1215. Students will learn to read and write an additional 100 kanji (Chinese characters) bringing the total to 200 kanji. With continued emphasis on foundational Japanese, students will be able to engage in basic conversations and write short essays in standard essay style, upon successful completion of the course.

Prerequisite(s): A minimum "C-" grade in JAPN 1215.

JAPN 1210 (3 CREDITS) (3:0:1)

Japanese Conversation I

Students develop communication skills by listening to dialogues on a variety of topics and practicing speaking and creating dialogues on real-life situations such as ordering food at a restaurant, shopping, talking about illnesses, talking about customs and cultures, visiting a Japanese family, and applying for a part-time job. Students also learn communication strategies in the Japanese language. At the end of this course, students can communicate comfortably in Japanese on a variety of everyday life topics, performing real-world tasks, and expressing their own ideas. This course may include one fieldtrip off campus.

Prerequisite(s): A minimum "C-" grade in JAPN 1115.

JAPN 1215 (3 CREDITS) (3:0:1)

Beginner's Japanese II

A continuation of the foundational Japanese learned in JAPN 1115. Students will learn approximately 100 kanji (Chinese characters). Upon successful completion of the course, students will be able to formulate, orally or in writing, simple conversations or narratives based on ordinary daily situation.

Prerequisite(s): A minimum "C-" grade in JAPN 1115.

JAPN 1217 (3 CREDITS) (3:0:1)

Intermediate Japanese II

A continuation of the foundational Japanese learned in JAPN 1117. An additional 100 kanji (Chinese characters) will be learned bringing the total to 300 kanji. Upon successful completion of the course, students will be able to engage in in-class debates and write short essays about personal goals, opinions, or social/cultural observations.

Prerequisite(s): A minimum "C-" grade in JAPN 1117.

Journalism (JOUR)

JOUR 1100 (3 CREDITS) (3:1:0)

Introduction to the News Media

The news media plays an important role in modern society influencing people's lives, opinions, and decisions. Students examine the function, values, and principles of journalism including accuracy, impartiality, and ethics as well as the current challenges facing the media industry. They explore the ways in which news media seeks to enable citizens to make informed decisions in a democratic society and analyze how well it is currently fulfilling that role. This course provides an excellent foundation for students interested in studying journalism, communications, mass media, or pursuing careers in business, law, public service, entertainment, or other professions in the public eye.

Note: This course is open to all students.

Prerequisite(s): One of the following: LET 3; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension; a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; IELTS 6.5 (no band lower than 6.0); or TOEFL - internet-based (IBT) score of 88 with a minimum 20 in Listening, 20 in Speaking, 20 in Reading, and 20 in Writing; or CAEL 70 (no band lower than 60).

JOUR 1122 (1.5 CREDITS) (1:0:1)

Introduction to Media Research Techniques

Formerly JOUR 1120

Knowing how to find and evaluate information in today's world is an essential skill. In this course, students develop research skills used in the media: how to find people and how to find accurate information on individuals, governments, businesses, and charities. They learn investigative interviewing skills and how to spot false information. Students identify and begin preliminary research on investigative projects using tools such as search engines, public documents, social media, freedom of information requests, and database analysis.

Students will receive credit for only one of JOUR 1120 or 1122.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 1128 (3 CREDITS) (2:1:1)

Fundamentals of Reporting

Today's journalists and communications professionals need to know everything from the start to the end of the news cycle; which stories are worth pursuing, how to chase and verify the story, which tools to use to tell the story, what platform to put it on, and how to use social media to provide useful information. In this hands-on course, students learn the basic principles and practices of identifying and pitching news stories, researching, interviewing news sources, using social media to find and promote news and commentary, and reporting a variety of general-assignment news stories.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 1142 (1.5 CREDITS) (1:0:1)

Basics of Copy Editing

Formerly JOUR 1140

Readers judge writing as much by its attention to details as by its grand phrases or sweeping narratives. Students learn how to ensure that their writing adheres to accepted Canadian style conventions used in journalism and communications. They analyze and edit grammar, spelling, and punctuation to enhance writing and bolster credibility.

Students will receive credit for only one of JOUR 1140 or 1142.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 1168 (3 CREDITS) (2:0:1)

Photojournalism

Images are a key element of effective storytelling. Students examine the theory and methods required to become an effective visual storyteller. They develop skills to capture professional photographic news, sports, features, and portraits along with photo essays to tell an impactful and meaningful story. Students acquire visual storytelling skills for both traditional print and online media.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 1177 (1.5 CREDITS) (2:1:2)

Design for Print and Online Journalism

Students learn the principles of design for both print and online publications, using current industry-standard software. They learn how to attract the reader's eye through design elements like photos, headlines, subheads, and graphics, while conveying information quickly and clearly.

JOUR 1179 (4.5 CREDITS) (0:1:11)

Multimedia News Reporting

Formerly JOUR 1178

A successful career in media requires the ability to write and share various types of content through multiple platforms on tight deadlines. In this intensive hands-on course, student reporters apply the storytelling skills they have acquired in a simulated newsroom environment to write features, breaking news stories, opinion pieces, and sports and business reports for Langara's

student publication, *The Voice*. They create written, photographic, video, and audio content for the student-run print and digital newspaper.

Students will receive credit for only one of JOUR 1178 or 1179.

Registration in this course is restricted to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): A minimum "C-" grade in all of the following: JOUR 1122, 1128, 1142, and 1168 (all may be taken concurrently).

JOUR 1195 (0 CREDITS) (0:0:0)

Special Topics I

This number is reserved for journalism courses that may be offered from time to time by: a) College journalism faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting journalism or business communications lecturers.

Prerequisite(s): Must be admitted to the journalism program, unless otherwise indicated in the Registration Guide and Course Schedule.

Note: Announcements regarding JOUR 1195 offerings will be made in the Registration Guide and Course Schedule.

JOUR 1200 (3 CREDITS) (4:0:0)

Theories in Communications

Most of us consider communicating an innate and spontaneous activity, but the ways we communicate change over time and can be evaluated, studied, and manipulated. In this course, students examine the changing ideologies behind communication theories, research, and models as they relate to our personal and professional interactions. Students critically evaluate how concepts in communication are informed by the ever-changing marketplace, political system, ethics, social demands, and self-perception.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 1220 (3 CREDITS) (4:0:0)

Communication and the Influence of Mass Media

The interdependent relationship between media technology and communication has evolved over the years to influence the audience's sense of nationalism, culture, and self-awareness. Students examine the effect of the media's historical transformations, from the screen culture surrounding television to the interactive modalities of online. They critically analyze how forms of communication media impact audience persuasion, financial incentive, collaborative connections, and diversity.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 1224 (1.5 CREDITS) (1:0:1)

Investigative Journalism

Formerly JOUR 1120

In the era of misinformation, the need to hold to account the powerful figures in business and government has never been more pressing, and the work of investigative journalists — the watchdogs of democracy — never more crucial. Future journalists and communication professionals learn to use the latest investigative research tools, methods, and techniques to unearth compelling information and craft thought-provoking narratives that drive public discourse. Students learn how to select a topic of public interest or importance and complete a long-term investigative research project.

Students will receive credit for only one of JOUR 1120 or 1224.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): A minimum "C-" grade in JOUR 1122.

JOUR 1225 (3 CREDITS) (4:0:0)

Media Law and Ethics

Demystifying the complex justice system and applying professional ethics is essential for journalists and professional writers to cover significant stories of public interest. In this course, students examine the legal system and the role and responsibility of the news media. They will be introduced to covering the courts and the laws that affect working journalists, legal concepts, including libel, contempt of court, freedom of information and privacy, as well as the ethics of credibility, conflict of interest, and accountability. Students will learn how to research court cases and access documents and exhibits through online databases and court registries. They will learn how to make ethical decisions and establish standards of professional conduct in the workplace.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 1230 (3 CREDITS) (4:0:0)

Communication Strategies

Communication strategies are used to establish in the public's mind the key values and goals of an individual, corporation, non-profit, social movement, charity, or other entity. Students learn the practical basics of communications, the art and science of managing a system to provide accessible information and effective messages to the public through multiple channels, including mainstream media, social media, and advertising.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 1240 (1.5 CREDITS) (1:0:1)

Advanced Copy Editing

Formerly JOUR 1140

Errors involving basic grammar and presentation are not the only mistakes that can kill an otherwise intriguing story. Students learn how to refine news stories, press releases, and other non-fiction writing to improve flow and comprehensibility. They assess and edit a variety of texts for gaps and omissions in information, fairness, good taste, libel, editorializing, and other issues. This course is recommended for students interested in journalism, communications, public relations, and any other career requiring specialty writing.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): A minimum "C-" grade in JOUR 1142.

Corequisite(s): JOUR 2279.

JOUR 1244 (1.5 CREDITS) (2:0:0)

Introduction to Online Journalism

Students will learn about major new trends in online journalism and become fluent in a variety of digital media forms. Topics include writing for the web, social media for journalists, blogging, and multimedia production techniques.

Registration in this course is restricted to students admitted to the journalism program.

Corequisite(s): JOUR 1122 and 1128

JOUR 1288 (3 CREDITS) (2:0:2)

Radio Storytelling and Podcasting

Formerly JOUR 1298

Accessibility and versatility are the secret to radio and podcast popularity. Audio waves are a more intimate way to delve into people's stories in greater depth, while allowing for the creative use of sound. Students work with industry-standard technology to produce news stories, podcasts, and feature-length audio productions while learning to write for the spoken word, select interview clips, perform on air, and line up podcasts and newscasts.

Students will receive credit for only one of JOUR 1288 or 1298.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 1290 (3 CREDITS) (2:0:2)

Introduction to Digital Media Storytelling

The future of storytelling is in the digital space. In this course, students examine new trends in online communications and mobile journalism, while becoming fluent in a variety of digital media formats. They explore writing for the web, using social media for journalism and public relations, blogging, and online production techniques. Students learn how to use a mobile device to record video and audio and capture photos in the field, then package and repurpose that content for online use.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 2178 (1.5 CREDITS) (1:0:1)

Design for Print and Online Journalism

Formerly JOUR 1177

Design can enhance or impede a person's ability to process information, so understanding design principles is essential for those working in media. Students explore the principles of design for both print and online publications, using current industry-standard software. They learn how to attract the reader's eye through design elements such as photos, headlines, subheads, and graphics, while conveying information quickly and clearly.

Students will receive credit for only one of JOUR 1177 or 2178.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

JOUR 2279 (4.5 CREDITS) (0:2:14)

Multimedia News Production

Formerly JOUR 2278

In this intensive, hands-on capstone course, closely simulating an industry newsroom, students apply their skills in the role of editor to produce compelling multimedia content for publication in the student-run print and online newspaper, *The Voice*. They conceive, assign, and copyedit stories and photographs as well as produce videos, podcasts, and data visualizations. Rounding out their experience, students also explore the perspective of communications professionals while managing news stories. The Journalism program's advanced capstone course builds on skills developed in JOUR 1179, in which students are introduced to the duties of reporters.

Students will receive credit for only one of JOUR 2278 or 2279.

Registration in this course is restricted to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): A minimum "C-" grade in all of the following: JOUR 1179, 1240, 1288, 2178, and 2398 (all may be taken concurrently).

JOUR 2295 (0 CREDITS) (0:0:0)

Special Topics II

This number is reserved for Journalism courses that may be offered from time to time by: a) College journalism faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting journalism or business communications lecturers.

Prerequisite(s): Must be admitted to the journalism program, unless otherwise indicated in the Registration Guide and Course Schedule.

Note: Announcements regarding JOUR 2295 offerings will be made in the Registration Guide and Course Schedule.

JOUR 2380 (3 CREDITS) (3:0:0)

Civic Reporting

Public institutions are the heartbeat of any community and the source of the most newsworthy stories. These institutions are accountable to the people they serve, and knowing how they work and where to find information is essential, even for non-journalists. In this course, students use social media, data visualization, multi-platform presentation and

investigation to develop story proposals and communications strategies to cover a defined municipal beat. They also learn about the roles and responsibilities of local government agencies and how to engage with them to get results.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): A minimum "C-" grade in JOUR 1128.

JOUR 2398 (3 CREDITS) (2:2:0)

Storytelling Through Video

The ability to tell compelling stories through video is in high demand in today's employment market. In this course, students explore visual storytelling techniques using video, audio, and text for television reporting, social media, and online content creation. They use current technology to produce videos for a variety of broadcast and digital platforms and learn the skills associated with both news and communication media. Skills include writing to pictures, announcing, shooting, and editing according to industry standards.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 2410 (1.5 CREDITS) (1:0.25:2)

Mobile Journalism

Students will learn how to take video, audio, or photos that they have shot or recorded in the field and package them into a complete story that they file from a mobile device.

Priority registration in this course is offered to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 2418 (3 CREDITS) (1:4:0)

Corporate Communications

Promotional and marketing writing, including audio-visual script-writing, the media kit, and employee publications. For students interested in the world of public relations and corporate communications.

(Option, offered if numbers warrant)

JOUR 2450 (3 CREDITS) (2:0:2)

Solutions with Data Journalism

Formerly JOUR 2420

In this course, students discover challenging new ways of thinking about storytelling. In solutions journalism, students do not just report on the problem; they provide leadership to their audience by proactively searching for ways to make things better. In data journalism, students do not just take their interview subjects at their word; they analyze patterns in data sources, producing interactive charts and maps to bolster their viewers' understanding of what is really going on. The innovative approaches learned in this course help students uncover the story behind the story – and make sure the journalism they create stands out.

Students will receive credit for only one of JOUR 2420 or 2450.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C-" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C-" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 2458 (3 CREDITS) (2:2:0)

Feature and Specialty Writing

Creative and flexible feature writing takes readers a step beyond hard news stories, tapping into readers' interests, illuminating real-life characters, and providing meaning and substance with a writer's own style. In this course, students learn how to use a personal tone, deploy different narrative techniques and obtain strong, profound responses from in-depth interviews to produce a long form story. Students also learn ways to market themselves and sell their content to editors and corporate clients.

Prerequisite(s): One of the following: a minimum 70% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107 or 1110; or permission of the instructor.

JOUR 2475 (1.5 CREDITS) (1:9.2:1)

Work Experience for Journalism and Communications

Formerly JOUR 2470

Students take part in a month-long internship in print, online, or broadcast journalism, public relations, communications, or another media-related field. In preparation for their internship, students practice resumé writing, update professional portfolios, polish their job interview skills, learn how to promote and manage a freelance business, and identify likely job opportunities and/or clients.

Students will receive credit for only one of JOUR 2470 or 2475.

Registration in this course is restricted to students admitted to the Diploma or Certificate in Journalism.

Prerequisite(s): A minimum "C-" grade in JOUR 2279 and 2380. JOUR 2380 may be taken concurrently.

Kinesiology (KINS)

KINS 1100 (3 CREDITS) (3:0:1)

Biodynamics of Physical Activity

An introductory course on the fundamentals of human physiology and anatomy. The course covers musculoskeletal anatomy as well as the physiological systems influenced during human movement. These include the skeletal, muscular, nervous, cardiovascular, respiratory, and metabolic systems.

KINS 1101 (3 CREDITS) (3:1:0)

Communications Skills for Kinesiology

In this course, students will develop the critical reading, writing, and communication skills used in kinesiology studies, research, and applied professional practice. Students learn to summarize and respond to texts representing different genres within the field of kinesiology. They explore research methods and documentation, and learn strategies for producing clear, concise academic writing. Grammar and writing skills are emphasized throughout the course.

Priority registration in this course is offered to students admitted to the Diploma in Kinesiology.

KINS 1110 (3 CREDITS) (1:1:2)

Human Anatomy

Human anatomy is the science of the structure of the human body. Building upon KINS 1100, students examine anatomy of the human body, with an emphasis on the neural, muscular, and skeletal systems. A focus on functional anatomy underlies all aspects of the course work.

Prerequisite(s): A minimum "C-" grade in KINS 1100.

KINS 1120 (3 CREDITS) (2:0:2)

Health and Exercise Management

Formerly KINS 1103

An important role of kinesiologists in society is to provide information and services to health and exercise. In this course, students explore the role of physical activity in promoting health and wellness, examine risk factors associated with chronic disease, and study basic principles of fitness and training. Through participation in experiential activities, students practice techniques of assessing the health-related and skill-related components of fitness.

Students will receive credit for only one of KINS 1103 or 1120.

KINS 1131 (3 CREDITS) (3:0:1)

Systems Physiology I

Human physiology is the science of the function of the human body and its systems. In this course, students examine the skeletal, muscular, nervous, endocrine, and metabolic systems. Emphasis is placed on the regulatory mechanisms and integration of the physiological functions provided by these systems.

Prerequisite(s): A minimum "C-" grade in KINS 1100.

KINS 1132 (3 CREDITS) (3:0:1)

Systems Physiology II

Formerly KINS 1191

Human physiology is the science of the function of the human body and its systems. In this course, students examine the cardiovascular, respiratory, urinary, digestive, and lymphatic systems. Emphasis is placed on the regulatory mechanisms and integration of the physiological functions provided by these systems.

Students will receive credit for only one of KINS 1132 or 1191.

Prerequisite(s): A minimum "C-" grade in KINS 1131.

KINS 1150 (3 CREDITS) (2:0:2)

Sport and Exercise Psychology

Formerly KINS 2231

This course provides an overview of the field of applied sport and exercise psychology. Students demonstrate their knowledge by applying mental skills to real world sport and exercise settings. Students also use their developing knowledge of mental skills and strategies from the course to inform reflections and decisions about their mental strengths and challenges during sport and exercise performance. They devise a mental skills plan for personal growth and enhanced performance in a sport and exercise setting.

Students will receive credit for only one of KINS 1150 or 2231.

Prerequisite(s): A minimum "C-" grade in ENGL 1123 or 1127 (may be taken concurrently).

KINS 1160 (3 CREDITS) (3:1:0)

Leisure and Sport in Society

Formerly KINS 1161

In this course, students explore social, economic, and political issues in leisure and sport with a focus on socialization, youth, deviance, gender, race and ethnicity, politics, and current topics.

Students will receive credit for only one of KINS 1160 or 1161.

Prerequisite(s): A minimum "C-" grade in ENGL 1123 or 1127 (may be taken concurrently).

KINS 2030 (3 CREDITS) (3:1:0)

Physical Activity, Health, and Wellness

Fundamental to the study of kinesiology is an understanding of how physical activity and other factors contribute to a healthy lifestyle. In this course, students employ scientific principles to explore the ways in which health and wellness are impacted by nutrition, stress, sleep, and physical activity.

KINS 2205 (3 CREDITS) (2:0:2)

Research Methods in Kinesiology

Formerly KINS 3373

This course is an introduction to research methods in kinesiology. Students finish with a comprehensive understanding of the research process to allow them to conduct qualitative, quantitative, and mixed research; as well as understand and apply knowledge from the scientific literature to future practice in the field of kinesiology.

Students will receive credit for only one of KINS 2205 or 3373.

KINS 2206 (3 CREDITS) (2:0:2)

Introduction to Statistics in Kinesiology

Research in kinesiology is often quantitative in nature and employs scientific methods. An understanding of statistical analyses and how to interpret them are essential to reading and critically evaluating kinesiology research. In this course, students learn about the stages of the research process, sources of data, descriptive statistics, applications of the normal curve and Z-scores, basic probability, standard error, statistical inference (confidence intervals and hypothesis testing), t-tests, one-way analysis of variance (ANOVA), correlation, regression, and selected non-parametric analysis.

Priority registration in this course is offered to students admitted to the Diploma in Kinesiology.

Prerequisite(s): One of the following: a minimum "C" grade in Foundations of Mathematics 11, Precalculus 11, Foundations of Mathematics 12, or Precalculus 12; or a minimum "C-" grade in MATH 1150; or SDT 053.

KINS 2211 (3 CREDITS) (2:0:2)

Human Motor Behaviour

Formerly KINS 2230

This course provides an introduction to the study of the fundamental processes underlying human motor learning and control. Students examine the conceptual and empirical foundations of motor learning and control, and their application to coaching, sport, and physical activity experiences. Through experiential activities, students explore the characteristics, principles, and factors involved in motor learning and control.

Students will receive credit for only one of KINS 2211 or 2230.

KINS 2215 (3 CREDITS) (2:0:2)

Biomechanics I

Formerly KINS 1151

In this course, students investigate the elementary principles of physics and mathematics and their application to quantitative analysis of human movement. Through experiential laboratory activities, students explore the basics of data collection, processing, and analysis using innovative technology.

Students will receive credit for only one of KINS 1151 or 2215.

Prerequisite(s): None; however, this course requires a basic knowledge of high school mathematic principles (basic algebra, trigonometry). Students without a minimum "B" grade in Precalculus 11, a minimum "C+" grade in Precalculus 12, or a score of 70 on the Langara Math Diagnostic Test, are strongly advised to take MATH 1150 prior to this course.

KINS 2235 (3 CREDITS) (2:0:2)

Exercise Physiology

Formerly KINS 2275

This course provides an investigation of the acute and chronic effects of exercise on body systems. Through experiential laboratory-based and field-based activities, students explore the cardiovascular, respiratory, and muscular responses to physical activity.

Students will receive credit for only one of KINS 2235 or 2275.

Prerequisite(s): A minimum "C-" grade in KINS 1131 and 1132.

KINS 2252 (3 CREDITS) (4:0:0)

Contemporary Health Issues

Kinesiologists often serve the public by providing knowledgeable advice regarding healthy lifestyle choices. In this course, students identify and describe contemporary lifestyles, associated behaviours, and major health concerns. They explore and discuss the responsibility of individuals to make informed decisions regarding their health and strategies for making positive lifestyle changes.

KINS 2262 (3 CREDITS) (3:1:0)

Health Policy and Society

Formerly KINS 2261

This course provides an introduction to the sociology of health and illness, with a focus on sociological theories regarding health. Students explore the social determinants of health and their influence on the lived experience. They examine the history and structure of the Canadian health care system, as well as the organization and administration of recreation services and their impact on health.

Students will receive credit for only one of KINS 2262 or 2261.

Prerequisite(s): A minimum "C-" grade in ENGL 1123 or 1127 (may be taken concurrently).

KINS 2280 (3 CREDITS) (3:1:0)

Human Growth and Motor Development

Formerly KINS 2284

Students explore developmental changes across the lifespan with an emphasis on physical growth and maturational and motor changes during the first two decades of life. Topics include growth assessment, analysis of motor development, the impact of physiological changes, and the significance of physical literacy and its application to participation in physical activities.

Students will receive credit for only one of KINS 2280 or 2284.

Prerequisite(s): A minimum "C-" grade in one of the following: ENGL 1100, 1123, 1125, 1127, 1128, or KINS 1101.

KINS 2295 (3 CREDITS) (2:0:2)

Selected Topics in Kinesiology

This Special Topics course will focus on a defined subject area within the field of kinesiology, and may not be offered every term. Course content will vary and will depend on a) College faculty who may wish to present a course in their specialty; or, b) visiting lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

KINS 2361 (3 CREDITS) (3:0:1)

Sports Medicine

Etiology of common exercise and sport injuries with an emphasis on prevention, assessment, management, and rehabilitation. Consideration of current issues and developments in sports medicine. Practical lab experiences include wrapping and taping.

Prerequisite(s): A minimum "C-" grade in HKIN/KINS 1190 (KINS 1190 and 2361 may be taken concurrently).

KINS 2370 (3 CREDITS) (2:0:2)

Data Acquisition and Signal Processing

An introduction to data acquisition and signal processing, with applications to kinesiology. The role of each component of a typical data acquisition system will be described. Basic sampling theory and filtering will be covered, and reinforced with laboratory activities. Common pitfalls in data acquisition will be discussed, including aliasing, quantization, clipping, and noise. Students will work in the MATLAB computing environment to practice digital signal processing techniques.

Prerequisite(s): A minimum "C" grade in Precalculus 11 or MATH 1150; or MDT 70; or one of the following: MATH 1152, 1153, 1170, 1171, or 1173.

KINS 3303 (3 CREDITS) (2:0:2)

High Performance Strength and Conditioning

In this course, students examine various techniques associated with improving athletic performance through strength and conditioning. Emphasis is placed on movement analysis, methods of training, athletic testing, and advanced program design.

Prerequisite(s): A minimum "C-" grade in KINS 1100; and KINS 1103 or 1120. Students with work experience and/or current certification in strength and conditioning may contact the instructor to request permission to override the prerequisites.

Latin (LATN)

LATN 1101 (3 CREDITS) (3:1:0)

Latin and Greek Roots

An introduction to the meanings and uses of Greek and Latin root words in the English language. Students of all disciplines will find this a practical means of enhancing their comprehension and extending their application of English. They will master the meaning and spelling of technical vocabulary in a wide range of academic subjects while they learn to appreciate and enjoy language and its subtleties.

LATN 1115 (3 CREDITS) (3:1:0)

Beginner's Latin I

An introduction to the nature and structure of the Latin language; reading of simple texts. This course will be especially interesting to students in classical studies, medieval history, comparative literature, the romance languages, religious studies, and philosophy. It will also be useful to students in the sciences.

LATN 1117 (3 CREDITS) (3:1:0)

Beginner's Latin II

An introduction to the nature and structure of the Latin language; reading of simple texts. This course will be especially interesting to students in classical studies, medieval history, comparative literature, the romance languages, religious studies, and philosophy. It will also be useful to students in the sciences.

Prerequisite(s): A minimum "C-" grade in LATN 1115; or instructor permission.

Latin American Studies (LAMS)

LAMS 1100 (3 CREDITS) (3:1:0)

Introduction to Latin America

Latin America is a region of incredible diversity that offers an amazing lens through which to critically examine the world and how it works. In this interactive, multi-disciplinary, team-taught course, students explore the archaeology, history, politics, and economics of Latin America. Students learn about the civilizations that flourished before the arrival of the Europeans, the devastating impacts of conquest and colonization, and the epic struggles of nation building involving revolutions, military dictatorships, civil war, and peacebuilding. Students analyze the causes of problems facing the region today and learn about efforts to address them.

LAMS 1101 (3 CREDITS) (3:1:0)

The Art of Social Change in Latin America

Latin Americans are masters in using the arts to bring about social and political change. In this course, students explore the myriad of creative ways in which Latin Americans use literature, music, film, visual arts, theatre, dance, and other art forms to tell their stories of struggle and share their visions for a better world. Students learn to analyze the critical role the arts play in laying the foundations for citizens to become agents of change and build powerful social movements. This interactive and engaging team-taught course brings expertise from diverse disciplines.

LAMS 1102 (3 CREDITS) (4:0:0)

Trouble in Paradise: Latin American Perspectives on the Environment

Threats to our planet's environment are paramount, and global solutions are pressing. Many environmental solutions seen worldwide are coming from Latin American communities who are speaking out against the environmental devastation caused by practices such as factory farming, mega-dams, and large-scale mining, logging, and drilling. In this course, students learn Latin American perspectives on the environmental problems facing the globe and look at the many solutions being implemented across the region.

LAMS 1104 (3 CREDITS) (4:0:0)
Roots and Rhythms: Celebrating Latin American Arts and Culture
Arts and culture make us human and bring joy and meaning to our lives. In this course, students look at music, theatre, art, dance, along with festivals and rituals that highlight how Latin Americans celebrate life. Students analyze the Indigenous, European, and African roots of contemporary cultural expressions to reveal how these have been woven together to shape memory and identity in Latin America today. Students also develop conceptual tools and critical thinking skills that enable them to engage in analytical discussions about culture, history, and society.

LAMS 1105 (0 CREDITS) (3:0:0)
Lecture Series
This is a non-credit, non-fee course. It is a one-semester series of lectures on Latin American Studies. A minimum of four lectures and a maximum of 12 will be offered during the semester

LAMS 2203 (3 CREDITS) (4:0:0)
Legendary Lives: A Biographical History of Latin America
In this course students explore the lives and times of legendary Latin American thinkers, artists, writers, leaders, religious figures, and rebels to understand how they shaped their worlds for better or worse. Through the lens of biographies, students learn the stories behind the lives of some of Latin America's most extraordinary historical figures. Students acquire the conceptual tools and critical thinking skills to analyze topics in history, politics, economics, sociology, and culture.

LAMS 2205 (3 CREDITS) (4:0:0)
Latin American Writers Resist
Latin American literature is a powerful force for social change. In this course, students compare, contrast, and analyze a variety of literature in translation from a wide range of Latin American countries, reflecting on the impact of context (the country, time period, social, cultural, political, and economic situations) on these texts. They explore how writers use literature to confront injustice related to gender, class, ethnicity, sexual orientation, environment, land ownership, indigenous struggles, migration, and asylum, and apply this to a range of global issues outside Latin America.

LAMS 2206 (3 CREDITS) (3:1:0)
Voices of Latin America: Contemporary Topics in the News
People, politics, and economies are more globally interconnected today than any time in human history. Students learn the historical, economic, and political contexts of current events in Latin America and make connections between these regional events and world news. Students critically analyze topics such as: global trade, debt, poverty, migration, the rights of indigenous peoples and women, racial and gender identities, political and criminal violence, the environment as well as emerging social, cultural, and political movements. Media literacy skills are acquired by exposing the limitations and biases of news reporting and other forms of media regarding contemporary issues in Latin America.

Library (LIBR)

Library (LIBR) courses are restricted to students admitted to the library and information technology program. The courses may be made available to other students on a space-available basis, with permission of the department chair.

All LIBR courses offer classroom and online instruction. Online courses available during the current semester are indicated by the "Online Option" symbol.

LIBR 1111 (3 CREDITS) (3:1:0)
Online Search and Information Handling
Students explore the concept of information literacy requiring them to recognize when information is needed, and how to locate, evaluate, use, and teach others how to find information effectively.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 1118 (3 CREDITS) (3:0:1)
Introduction to Cataloguing
Students will learn the basic concepts and principles of cataloguing bibliographic material. It is designed for those who have no specific background or experience in cataloguing. Focus is on cataloguing standards for descriptive cataloguing using Anglo-American Cataloguing Rules, with an emphasis on printed monographs. Choice and form of main and added entry headings will also be covered. Catalogue records will be created in the electronic environment.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 1120 (3 CREDITS) (4:0:0)
Philosophy and Functions
History of books and libraries, as well as current trends and issues in the library world.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 1195 (3 CREDITS) (3:1:0)

Special Topics I

This number is reserved for library and information technology courses that may be offered from time to time by: a) faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting lecturers.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 1219 (3 CREDITS) (0:0:11)

Field Work I

Students will work a minimum of 60 hours in a selected site and will gain practical experience working in an entry level capacity. Several library tours are organized by the instructor. Students are also expected to organize one group tour in the library community. Library competencies and roles of the library technician are explored throughout the term. Workshops and guest speakers will provide students additional information about the library community. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

Prerequisite(s): A minimum "C" grade in LIBR 1111 and 1118.

LIBR 1228 (3 CREDITS) (4:0:0)

Introduction to Technical Services and Circulation

Technical services, including MARC, selection aids and collection development, acquisitions, bibliographic searching, processing, circulation, serials control, government publications.

Students will receive credit for only one of LIBR 1218 or 1228.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 1295 (3 CREDITS) (4:0:0)

Special Topics II

This number is reserved for library and information technology courses that may be offered from time to time by: a) faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting lecturers.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 1395 (3 CREDITS) (4:0:0)

Special Topics: Creating and Managing Digital Collections

The key elements of managing digital collections are explored through discussion, hands-on practice, and project based activities. Topics covered include project development, selection and electronic processing of materials, copyright, description (cataloguing and metadata), electronic access, and preservation.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

Prerequisite(s): A minimum "C-" grade in LIBR 1111 taken within the last three years; or approval of the department.

LIBR 1595 (3 CREDITS) (3:0:0)

Indigenous Knowledges and Libraries

Responding to the Truth and Reconciliation Commission (TRC) Calls to Action, the Missing and Murdered Indigenous Women, Girls, Two Spirit, Transgender, and Gender-Diverse+ (MMIWG2S+) Calls to Justice, United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP), the Declaration on the Rights of Indigenous Peoples Act (DRIPA), and the Canadian Federation of Library Associations (CFLA)'s Indigenous Matters report, increasingly libraries are including reconciliation, decolonization, and Indigenization in their strategic plans. In this course, students are introduced to topics that are broadly referred to as Indigenous initiatives. Starting with a foundation based on Indigenous terminology and the above-mentioned documents, students engage with collection development, cataloguing and classification, public service, programming, and archives and museums through Indigenous lenses. Students examine these aspects of library work from the perspective of Indigenous and non-Indigenous library patrons. Learners are supported with resources, both textual and audio-visual, in which Indigenous voices and experiences are centred.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 2195 (3 CREDITS) (3:0:1)

Special Topics: Specialized Library Resources

An in-depth exploration of resources and services for libraries in the business, technology, legal, and medical sectors.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

Prerequisite(s): A minimum "C-" grade in one of the following: LIBR 1111, 1118, 1120, 2328, or 2416.

LIBR 2295 (3 CREDITS) (4:0:0)

Special Topics: An Introduction to Records Management

This course offers a general overview of records management and an introduction to its theory and practice.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 2315 (3 CREDITS) (4:0:0)

Media and Electronic Materials

Students explore the topics relating to media and electronic materials in libraries, including how to select, acquire, process, maintain, and circulate materials. Issues pertaining to the selection of appropriate equipment and production of training and promotional materials are addressed. Students learn and practice cataloguing of media and electronic formats using current library standards. Issues in cataloguing, developments in cataloguing standards, and the challenges of new and changing formats are also considered.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

Prerequisite(s): A minimum "C" grade in LIBR 2418. This must be taken within the last three years.

LIBR 2328 (4 CREDITS) (5:0:0)

Subject Analysis and Classification

Theory and practice of subject analysis, learning to apply Library of Congress, Sears, and other specialized subject headings and to apply Library of Congress and Dewey Decimal classification numbers to library materials.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 2395 (3 CREDITS) (4:0:0)

Special Topics: Young Adult Services

Students will be provided with an introduction to young adult literature collections, programs, and services for teens in public libraries. A general understanding of young adult literature genres is explored as well as planning library programs for teens.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 2410 (3 CREDITS) (3:1:0)

Children's Services

History, evaluation and acquisition of children's literature; library services for children; programming including puppeteering and story-telling.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 2411 (3 CREDITS) (3:0:1)

Library Systems and Information Design

Students learn to develop user-focused perspectives within the context of library systems. Students have the opportunity to try several different library systems to manage assets, organize information, and design interfaces. Students are provided with skills to design databases and explore software for libraries. Issues related to user experience, information architecture, and usability are examined.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

Prerequisite(s): A minimum "C" grade in LIBR 1111.

LIBR 2416 (3 CREDITS) (4:0:0)

Reference Resources and Services

Students are introduced to all aspects of reference work, including readers' advisory. The focus will be on a detailed exploration and mapping of resources for a variety of subject areas. Resources in a variety of formats are explored, along with the best approaches to support the reference process in any library environment. Students are introduced to both traditional hardcopy materials and online resources.

The course also emphasizes the importance of sensitivity to the needs of a diverse set of patrons and reference users. An awareness of the reference interview techniques and process is also gained.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

Prerequisite(s): A minimum "C-" grade in LIBR 1111.

LIBR 2418 (3 CREDITS) (4:0:0)

RDA, MARC Coding, & Derived Cataloguing

Creation and manipulation of MARC (machine readable cataloguing) records for online catalogues. Identification, capture, import, and modification of catalogue records from bibliographic sources online.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

Prerequisite(s): A minimum "C" grade in LIBR 1118.

LIBR 2419 (3 CREDITS) (0:0:10)

Field Work II

Students will work a minimum of 120 hours at a selected site or sites and will gain practical experience working in an entry level capacity. Two to three workshops (given either in class or online) will be conducted at the beginning of term reviewing expectations for the practicum, resumés and interview skills. Graded S/U.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

Prerequisite(s): An "S" grade in LIBR 1219; and a minimum "C" grade in all of the following: LIBR 2328, 2411, 2416, and 2418 (LIBR 1219, 2328, 2411, 2416 and 2418 may be taken concurrently).

LIBR 2495 (3 CREDITS) (2:2:0)

Special Topics: Supervisory Skills

This course provides students with an understanding of what it means to be a supervisor and prepares them to take on supervisory roles. Problem solving, decision making, coaching, performance assessment, labour relations and interpersonal skills, and knowledge will be developed through the examination of work environments in a library situation.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 2516 (3 CREDITS) (3:2:0)

Readers' Advisory Services

This course acquaints students with reading interests of adults in preparation for readers' advisory (RA) work with adults. Skills related to readers' advisory service in public and other library settings are introduced and practiced, and the basic tenets of readers' advisory are reinforced throughout the course. Students learn how to interview readers to determine their reading interests and will practice describing books objectively. In addition, students investigate and use RA tools that are available for making reading and viewing recommendations. Issues of representation, inclusivity, diversity, and tolerance towards all readers and reading interests are explored.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 2595 (3 CREDITS) (4:0:0)

Special Topics: Indigenous Reference Resources and Services

This course is a survey of key resources, tools, and services used to support the specialized information needs of Aboriginal libraries, collections, and communities. Staff, working in a variety of library settings, are provided with the necessary knowledge, background, and insights for working with, providing services and building collections for our Aboriginal customers and communities. The topics surveyed include government, legal, health, and genealogical resources. For each topic, key resources and issues will be identified and explored. Also included is an important unit on treaty rights and negotiations, and other matters related to government.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 2695 (3 CREDITS) (3:0:0)

Introduction to Archives and Museums

Archives and museums, like libraries, are important cultural heritage institutions. This course is designed to introduce students to the major aspects of archival and museum work. The approach to different topics is practical and emphasizes current employment standards and employers' expectations. Students are made ready to deal with the challenges that archives and museums face, including physical and environmental risks, diverse representation in collections, and difficult economic circumstances. Students will engage with course materials that encourage a strong service ethic.

Registration in this course is restricted to students admitted to the Diploma in Library & Information Technology and the Diploma in Library & Information Technology (Flexible Participation Option).

LIBR 3210 (3 CREDITS) (2:1:1)

Online Research and Analysis

This course focuses on effective methodologies to research, consult, and report on information resource findings in an online environment. Students will retrieve and evaluate information in discipline-related research, services, programs, and policies from formal and informal online sources. Students will be able to evaluate and select suitable resources that illustrate potential "best practices" and recognize circumstances requiring exhaustive versus exemplary research. Utilizing a variety of technologies, students will develop strategies to maintain currency in both technology literacy and the literature of the specific discipline. Research findings will be summarized in a report with recommendations and posted in an online environment for review by peers and other stakeholders.

Prerequisite(s): Completion of a minimum of 60 credits including a minimum "C" grade in six credits of university-transferable English or communications; or permission of the department.

Marketing (MARK)

Langara School of Management courses can be taken only twice. This includes all BUSM, BCAP, FMGT, INTB, and MARK courses. Students who wish to take a 1xxx or 2xxx course a third time will be given overrides upon request. Students who wish to take a 3xxx or 4xxx course a third time will be asked to submit a plan to the LSM outlining what they will do to ensure success in their third attempt.

MARK 1115 (3 CREDITS) (3:1:0)

Introduction to Marketing

Marketing is an exciting and dynamic business discipline, which offers excellent career prospects. The course covers the roles and functions of marketing in the modern business enterprise with particular emphasis on the elements in marketing such as product planning and development, pricing, promotion, and distribution. The course delivery is a series of lectures including a lot of interaction through discussion, teamwork, videos, practical exercises, and case studies so you can relate the material discussed to real-life business challenges.

MARK 1200 (3 CREDITS) (4:0:0)

Selling Skills

This course exposes students to the principles of professional selling. The focus is on relationship and needs-based selling in a business-to-business environment. It prepares students for a range of life skills such as interviewing for jobs or "selling" ideas within their organizations. The course also focuses on understanding customer and sales representative behaviour in a selling environment as well as learning about prospecting, different forms of presentations, objection handling, and various closing techniques. Students will apply their skills by selling advertising for the *Pacific Rim Magazine*.

Students will receive credit for only one of MARK 1200 or 1218.

Prerequisite(s): A minimum "C-" grade in MARK 1115.

MARK 2000 (3 CREDITS) (4:0:0)

E-Commerce and Distribution

This course introduces business students to the role of the Internet in marketing and distribution. It identifies and explains the challenges and critical success factors in the effective use of the web as a distribution and marketing tool. Topics include an analysis of the structural changes occurring in Canadian distributions; the role and functions of channel institutions; issues in distribution channel management; the integration of distribution and the web in marketing mix; the strategic positioning of a business; web presence; and the logistics involved in managing an Internet marketing-based business.

Students will receive credit for only one of BUSM 2000 or MARK 2000.

Prerequisite(s): A minimum "C-" grade in MARK 1115; English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

MARK 2100 (3 CREDITS) (3:1:0)

Marketing Research

This course examines contemporary research methods employed in business. Emphasis is placed on understanding the process of business research and how it relates to hypothesis development, problem investigation, and management questions. The major tools and techniques in primary and secondary research are examined with special emphasis on the Internet as an effective research tool.

Students will receive credit for only one of MARK 2100 or 2327.

Prerequisite(s): A minimum "C" grade in STAT 1123, 1124, or 1181; English Requirement, one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension.

MARK 2200 (3 CREDITS) (3:0:1)

Marketing Communications Design

This introductory computer course introduces the student to current design software with an emphasis on acquiring entry level abilities to combine text, graphics, and photos to create promotional assets. The course is project based and will be conducted in the lab with lectures and a focus on practical assignments.

Prerequisite(s): A minimum "C" grade in CMNS 1118 and MARK 1115; or MARK 4800. MARK 2400 or 4820 recommended.

MARK 2400 (3 CREDITS) (4:0:0)

Integrated Marketing Communications

This course builds on the essential marketing concepts by focusing on the promotional elements in marketing strategy known as Integrated Marketing Communications.

Topics include effective integration of advertising, social media, direct/internet marketing, sales promotion, public relations, event marketing, and personal selling. Students will be comfortable evaluating the strengths and weaknesses of each element of the promotion mix and be able to recommend the appropriate mix for a given situation. In addition we will cover; the role of IMC, the IMC strategic planning process, budgeting, creative development, media strategy, execution, and evaluation. The material will be taught using lectures, case studies, guest speakers, and assignments.

Students will receive credit for only one of MARK 2323 or 2400.

Prerequisite(s): A minimum "C-" grade in MARK 1115; and one of the following: a minimum 67% in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade in ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; a minimum Level 3 on the LET; LEAP 8; LPI with a minimum 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension; or a minimum "C-" grade in PUBL 1115 and 1155.

MARK 2430 (3 CREDITS) (3:1:0)

Marketing Strategy

This course provides the students with the opportunity to synthesize and utilize knowledge they have already acquired in other marketing courses. A significant focus of this class will be on case studies. Through case studies, students learn how to think about marketing challenges in a strategic way and formulate workable solutions. Students will also be required to prepare and present a strategic marketing plan for an actual organization, which provides an opportunity to experience the real world of a marketing executive.

Prerequisite(s): Completion of a minimum of 30 credits including a minimum "C" grade in CMNS 1118 and MARK 1115.

MARK 2500 (3 CREDITS) (4:0:0)

Selling Skills and Communication

Students explore the principles of professional selling focussing on relationship and needs-based selling. Topics include understanding customer and sales representative behaviour and communications in a selling environment as well as prospecting, preparing different forms of presentations, handling objections, building a sales plan, and employing various closing techniques. Students will be introduced to Customer Relationship Management software.

Students will apply their selling skills in a final project that is relevant to the financial or professional services industry.

Students will receive credit for only one of MARK 1200 or 2500.

Prerequisite(s): A minimum "C-" grade in MARK 1115.

MARK 2610 (1 CREDIT) (3:4.5:0)

Digital Marketing Essentials I – GEO, SEO, Web & Content Strategy

Generative Engine Optimization (GEO), Search Engine Optimization (SEO), web development, and content strategy are critical pillars of a successful online presence that ensure that a website not only looks good, but also performs well, attracts the right audience, and converts them into leads or customers. Students learn core principles of these three digital marketing areas. They learn how to create engaging content, improve website performance, and apply GEO and SEO techniques to increase online visibility. Students develop the skills to design and implement strategies that drive traffic, strengthen brand presence, and support overall marketing objectives.

MARK 2615 (1 CREDIT) (3:4.5:0)

Digital Marketing Essentials II – Advertising & Analytics

Advertising and Analytics are two of the most powerful components in digital marketing that help organizations reach the right people, optimize performance, and grow their business with data-driven decisions. Students learn how to plan and manage advertising campaigns, apply retargeting strategies to re-engage audiences, and create ad content that drives action. They explore key analytics tools and technologies for tracking performance, understanding customer behavior, and optimizing campaigns. Students develop the skills to design, execute, and evaluate data-driven advertising strategies that support broader marketing goals.

MARK 2620 (1 CREDIT) (3:4.5:0)

Digital Marketing Essentials III – Social, Email, & Mobile

Social media, email marketing, and mobile marketing are essential components of a well-rounded digital marketing strategy. Each plays a unique role in reaching, engaging, and converting an organization's audience where they spend most of their time: online and on their phones. Students learn how to build and manage social media campaigns, design effective email marketing strategies, and leverage mobile platforms to enhance their reach. They apply best practices, key strategies, and get hands on experience using these digital marketing tools. Students develop the skills to design and execute various strategies that connect with customers across digital channels.

MARK 2625 (1 CREDIT) (3:4.5:0)

Social Media Marketing I – Strategy & Target Audiences

Defining social media marketing strategy and target audience is essential for making an organization's social media efforts effective, efficient, and results-driven. Students learn how to assess a brand's current social media presence, identify target audiences, implement social media strategies, and develop personas to guide content creation. They also learn how to build and manage a personal brand online. Students develop the skills to design and evaluate social media strategies, build their brand, and strengthen engagement.

MARK 2630 (1 CREDIT) (3:4.5:0)

Social Media Marketing II – POEM & Analytics

In today's business environment, understanding POEM (Paid, Owned, and Earned Media) and using analytics are crucial to running effective, data-driven social media marketing campaigns. Students learn how to design strategies that balance paid advertising, brand-owned channels, and user-generated content to maximize reach and engagement. They explore and work with analytics and the tools used to track performance, interpret data, and optimize social media campaigns. Students develop the skills to plan, execute, and measure integrated social media strategies.

MARK 2635 (1 CREDIT) (3:4.5:0)

Social Media Marketing III – Content Creation & Platforms

In the current business landscape, business success doesn't come from just being present online, but from creating the right content for the right audience on the right platform. Knowing how to create content and understand social media platforms is essential for effective social media marketing. Students learn how to design engaging text, image, and video content tailored to various social media platforms. They learn how to use storytelling and branding to adapt messages to various target audiences, and explore tools, including AI, for content creation, scheduling, and performance tracking. Students develop the skills to create and implement platform-specific content strategies that build brand presence and drive audience engagement.

MARK 3100 (3 CREDITS) (3:1:0)

Special Events Planning and Marketing

This course will introduce students to the exciting industry of event marketing and sponsorship including social functions, domestic and international trade shows, conferences, and major conventions. The course will examine the strategic reasons why organizations participate in event marketing and sponsorship activity in both the domestic and international marketing environment. In addition, students will be exposed to the tactics used in the pitching, designing, planning, marketing, managing, budgeting, execution, and evaluation of events. Students will gain experience practicing the skills that are required in event management and execution including business development, proposal writing, event design, budgeting, venue selection, catering, determining audio visual requirements, security, risk management, and more. The course is taught using a series of seminar type lectures, group work, and individual assignments and a major project.

Students will receive credit for only one of MARK 3100 or RECR 3200.

Prerequisite(s): Completion of a minimum of 54 credits including a minimum "C" grade in MARK 1115; and a minimum "C" grade in six credits of university-transferable English or communications. For students in the fourth term of the Diploma in Design Formation, a minimum "C" grade in DDSN 2152, MARK 1115, and six credits of university-transferable English or communications will be deemed to be equivalent to the above.

MARK 3150 (3 CREDITS) (4:0:0)

Social Media Strategy

To succeed in today's economy organizations must incorporate social media into their marketing and business strategies. In this course students examine the role of social media today and how to use it to meet organizational goals. Through a variety of methods and activities such as lectures, guest speakers, case studies, applied projects, industry certification (e.g. Hootsuite Academy certification), and simulations, students learn the fundamental principles and techniques for designing and developing effective social media goals, objectives, and strategies for all types of organizations.

Prerequisite(s): Completion of a minimum of 54 credits including a minimum "C" grade in MARK 1115 and six credits of university-transferable English or communications.

MARK 3200 (3 CREDITS) (4:0:0)

Consumer Behaviour

This course intends to provide students with a strategic overview of Consumer Behaviour Theory and to demonstrate how this theory can be used to set marketing strategy and achieve overall corporate goals. The course will introduce students to both the internal and external influences on a consumer's decision to buy a product or service. The course looks at consumers as individuals and as part of society. Students will gain first-hand experience uncovering "consumer insights" in order to develop marketing strategies. This course will be taught using lectures, case studies, guest speakers, and group and individual assignments.

Prerequisite(s): Completion of a minimum of 54 credits including a minimum "C" grade in MARK 1115 and six credits of university-transferable English or communications.

MARK 3210 (3 CREDITS) (3:0:1)

Digital Marketing

To succeed in today's economy, companies must incorporate the internet into their marketing strategies. This course examines the role of the web today and how to optimize the use of e-marketing. The course provides students with the fundamental principles and techniques for designing and developing effective websites for promotional, distribution, and interactive communication. Students will learn the basics of information design and usability, applications of social media, and will learn the fundamentals of website development.

Prerequisite(s): Completion of a minimum of 54 credits including a minimum "C" grade in MARK 1115 and in six credits of university-transferable English or communications.

MARK 3250 (3 CREDITS) (2:2:0)

Public Relations

This course provides students with an understanding of the role public relations plays within a variety of organizations. This course is aimed at preparing students to identify key stakeholder groups for a company and design programs for these groups. Students will practice using the public relations "tools of the trade." The material will be taught using lectures, case studies, guest speakers, and group/individual assignments.

Students will receive credit for only one of MARK 2450 or 3250.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in CMNS 2228, MARK 1115, and six credits of university-transferable English or communications.

MARK 3400 (3 CREDITS) (4:0:0)

Retail Marketing

This course covers the principles and practice of strategic retail marketing and orients students to the dynamic and competitive nature of the industry. Topics include contemporary issues in retail including in-store and non-store retailing, e-tailing, managing the retail operations, supplier relationships, pricing, merchandising, retail advertising, sales promotion, sales techniques, inventory management and control, and store design and location.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in CMNS 2228, MARK 1115, and six credits of university-transferable English or communications.

MARK 4100 (3 CREDITS) (4:0:0)

Business to Business Marketing

The course focuses on the elements that make up effective distribution channels from the raw material supplier to the final consumer. Channel management topics include the role of buyers, competitive bidding, pricing, terms of sale, channel structure, designing the marketing channel, channel relationships and responsibilities, selecting the channel members, and physical distribution and transportation. The course also examines why effective inter-organizational relationships and partnerships are needed to efficiently manage the flow of materials and information between members of the distribution channel. This course further develops students' skills in the marketing function as they learn how to apply the elements of the marketing mix to business to business selling through case studies, lectures, discussions, role playing, and research. This course provides students with the practical foundation they will need to become successful business marketers.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in CMNS 2228, MARK 1115, and six credits of university-transferable English or communications.

MARK 4195 (3 CREDITS) (4:0:0)

Special Topics in Marketing

Students have the opportunity to explore defined current issues in marketing. The course content will change from semester to semester.

Please contact the Langara School of Management for information on the next offering of this course.

Registration in this course is restricted to students admitted to the Bachelor of Business Administration.

Prerequisite(s): A minimum "C" grade in MARK 1115 and 54 credits.

MARK 4220 (3 CREDITS) (4:0:0)

Customer Relationship Marketing and Database Marketing

This course provides students with a strategic overview of customer relationship marketing and database marketing and how they can be used to achieve an organization's overall goals. Students will apply customer relationship marketing strategies and understand the value of one-to-one marketing and how to calculate customer life-time value. Students will have a working knowledge of database marketing applications such as setting a contact strategy, approaches to segmentation, uses of predictive modelling, examples of personalization, and ways to cross-sell/up-sell. The material will be taught using lectures, case studies, guest speakers, and assignments.

Students will receive credit for only one of MARK 2440 or 4220.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in CMNS 2228, MARK 1115, and six credits of university-transferable English or communications.

MARK 4250 (3 CREDITS) (4:0:0)

Professional Salesforce Management

This course examines the roles and responsibilities of a sales manager and the management of the sales force. Students will be introduced to the concept of personnel management as it applies to the management of the sales force. The course develops sales skills in goal setting, prioritizing, and managing time and teaches techniques and strategies for successful sales negotiations: active-listening skills, questioning skills, "thinking on your feet", negotiating skills, and presentation skills applicable in the domestic market and in different cultural situations. The course content is covered through case studies, lectures, discussions, role playing, and research.

Students will receive credit for only one of MARK 2418 or 4250.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in CMNS 2228, MARK 1115, and six credits of university-transferable English or communications.

MARK 4800 (3 CREDITS) (4:0:0)

Introduction to Marketing

Marketing is an exciting and dynamic business discipline that offers excellent career prospects. This course covers the roles and functions of marketing in the modern business enterprise with particular emphasis on the elements in marketing such as product planning and development, pricing, promotion, and distribution. The course delivery is a series of lectures, but there is a lot of interaction through discussion, teamwork, videos, practical exercises, and case studies so you can relate the material discussed to real life business challenges.

Students will receive credit for only one of MARK 1115 or 4800. MARK 1115 may not be used to satisfy the MARK 4800 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Business Administration and Marketing Management.

MARK 4810 (3 CREDITS) (4:0:0)

Social Media Strategy

To succeed in today's economy organizations must incorporate social media into their marketing and business strategies. In this course students examine the role of social media today and how to use it to meet organizational goals. Through a variety of methods and activities such as lectures, guest speakers, case studies, applied projects, industry certification (e.g. Hootsuite Academy certification), and simulations, students learn the fundamental principles ad techniques for designing and developing effective social media goals, objectives, and strategies for all types of organizations.

Students will receive credit for only one of MARK 3150 or 4810. MARK 3150 may not be used to satisfy the MARK 4810 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Business Administration and Marketing Management.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and MARK 4800.

MARK 4820 (3 CREDITS) (4:0:0)

Integrated Marketing Communication

This course focuses on the promotional elements in marketing strategy known as Integrated Marketing Communications (IMC).

Topics include effective integration of advertising and social media, direct/internet marketing, sales promotion, public relations, event marketing, and personal selling. The strengths and weaknesses of each element of the promotional mix will be evaluated and students will be able to analyze and recommend the appropriate mix for specific business situations. Additionally, the role of IMC, the IMC strategic planning process, budgeting, creative development, media strategy, execution, and evaluation. The material will be taught using lectures, case studies, guest speakers, and assignments.

Students will receive credit for only one of MARK 2323, 2400, or 4820. MARK 2323 and 2400 may not be used to satisfy the MARK 4820 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Marketing Management.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and MARK 4800; and FMGT 4800 or 4816.

MARK 4830 (3 CREDITS) (4:0:0)

Consumer Behaviour

This course explores the three major influences of consumer behaviour: consumers as individuals; attitude change and decision-making; and consumers in their social and cultural setting. The course will introduce students to both the internal and external drivers on a consumer's decision to buy a product or service. It is intended to provide students with a strategic overview of consumer behaviour theory and to demonstrate how this theory can be used to set marketing strategy.

Students will receive credit for only one of MARK 3200 or 4830. MARK 3200 may not be used to satisfy the MARK 4830 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Marketing Management.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and MARK 4820.

MARK 4840 (3 CREDITS) (4:0:0)

Marketing Research

Marketing research plays a central role in all marketing decision-making. This course introduces students to marketing research by exploring six major themes: the role and process of marketing research, designing research studies, measurement, sampling, analysis, and reporting. The major tools and techniques in primary and secondary research are examined. This applied course also introduces statistical software tools.

Students will receive credit for only one of MARK 2100 or 4840. MARK 2100 may not be used to satisfy the MARK 4840 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Marketing Management.

Prerequisite(s): A minimum "C" grade in BUSM 4805, MARK 4800, and STAT 4800.

Mathematics (MATH)

For more detailed information about the Department of Mathematics, including course outlines and advice on course selection, please visit our department webpage.

STATISTICS COURSES

For statistics courses please see the Statistics (STAT) section in this calendar.

DUPLICATE COURSES

In some cases, different courses cover substantially the same material but are targeted to different audiences. Credit cannot be given for more than one such course or sequence. In particular, college credit will be given for only one in each of the following sets of courses (or course sequences).

MATH 1118 or 1119

MATH 1153/1253, 1171, 1173, or 1174

MATH 1271 ,1273, or 1274

STANDARD SEQUENCE

The standard sequence for students who need first-year calculus for science and who attended secondary school in British Columbia depends on the grade they achieved in Precalculus 12.

Those with a recent:

- "C" or "C-" normally take MATH 1152, 1153, 1253, and then 1271
- "C+" normally take MATH 1170, 1171 and 1271 or 1170, 1173/1183 and 1273/1283.
- "B" normally take MATH 1153, 1253 and 1271 or 1173/1183 and 1273/1283.
- "A" normally take MATH 1171 and 1271 or 1173/1183 and 1273/1283

Note: Students with a "B" or lower in Precalculus 12 are advised to go through the Mathematics Diagnostic Test process since this process might suggest direct entry into MATH 1171 or 1173 without having to take MATH 1152 or 1170.

Some science faculties in some universities will accept MATH 1174 and 1274 - check with your university to confirm your options.

The standard course sequence for students who need first-year Calculus for Business/ Commerce and who attended secondary school in British Columbia depends on their grade in Precalculus 12. Those with a recent:

- "C-" or "C" normally take MATH 1152 then 1170, 1174 and 1274.
- "C+" normally take MATH 1170 then 1174 and 1274.
- "B" or "A" normally take MATH 1174 and 1274

Note: Students with a "C+" or lower in Precalculus 12 are advised to go through the Mathematics Diagnostic Test process since this process might suggest direct entry into MATH 1174 without having to take MATH 1152 or 1170.

In the above, "recent" generally means the Precalculus 12 course was completed within the last three years.

Some commerce and business administration majors require only MATH 1174, but will accept MATH 1274 as an elective - check with your university.

PREREQUISITES

Prerequisites for courses in mathematics are valid for only three years. Students wanting to register in a course for which the prerequisite was taken more than three years ago will require departmental permission. Students may be required to go through a diagnostic process (see below) or to "upgrade" the prerequisite.

Note: MATH 1119 and 1120 have no formal prerequisite; however, experience has shown that success in these courses is enhanced by recent, successful completion of the BC Principles/Precalculus 11 course or its equivalent.

REPEATING A COURSE

A Mathematics course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, usually on the basis of documented evidence of upgraded prerequisites. Contact the advisor for information.

DIAGNOSTIC TESTS

The Mathematics Diagnostic Tests (MDT) are part of an assessment process designed to identify the mathematics or statistics course that is most appropriate in view of a student's background, current abilities, and future needs.

The tests consist of a collection of multiple-choice questions involving basic mathematical skills, algebra, geometry, trigonometry, reading, and problem-solving. These questions are designed to assess readiness for each of MATH 1101, 1150, 1152, 1153, 1170, 1171, 1173, 1174, and 1190 and some Statistics courses (see also the STAT section of this calendar).

Immediately after writing the test, each student meets with a departmental advisor to consider the student's most recent transcripts, the current test results, and a short background survey.

Students should go through this process if they wish to register in one of the above courses but do not have the background described below. Students can take part in this process only once in any given 12 month period and the results are valid for three years. For more information, including some sample questions and review materials, visit the "Math Diagnostic Test" section of this website. Students do not have to write the test if they have:

- recently completed a prerequisite Langara College Mathematics course with the grade required by the course they want to register in.
- a recent "A" grade in Precalculus 12 and want MATH 1171
- a recent "B" grade in Precalculus 12 and want MATH 1153 or 1173 or 1174
- a recent "C+" grade in Precalculus 12 and a recent "C-" grade in BC Provincial Calculus 12 and want MATH 1153 or 1171 or 1173 or 1174
- a recent "C+" grade in Precalculus 12 and want MATH 1170
- a recent "C-" grade in Precalculus 12 and want MATH 1152
- a recent "C" grade in Precalculus 11 and want MATH 1150 or 1118 or 1190 or STAT 1124

"Recent" means within the previous three years.

Students who are currently enrolled in, or have completed, a Langara College mathematics course are not normally permitted to take the MDT. A schedule of when the tests can be written for the upcoming semester and information about registering for the test is available at the website mentioned above. See the Statistics (STAT) section in this calendar for information on the Statistics Diagnostic Test.

Note: Listed below are the official calendar course descriptions. For further information, please contact the department of mathematics advisor.

MATH 0120 (3 CREDITS) (4:1:0)

Algebra and Trigonometry

This course can be used to satisfy the completion of Adult Basic Education (ABE) - Mathematics: Provincial Level-Algebra and Trigonometry, which prepares adult learners with the knowledge and skills in algebra and trigonometry necessary for entry to technical, vocational, and career programs that require Precalculus 12 equivalency as a prerequisite and for future study in higher-level math courses at college/university.

Topics include equations and applied problems; relations, functions, and transformations; linear and quadratic functions and inequalities; polynomial functions; exponential and logarithmic functions and their graphs; trigonometric functions and their inverses, graphs of circular functions, trigonometric identities and equations, solving triangles using sine and cosine laws; systems of equations; sequences and series.

Prerequisite(s): One of the following: an "S" grade in MATH 1150; a minimum "C-" grade in Precalculus 11; a minimum "C-" grade in Foundations of Math 12; or permission of department based on the Mathematics Diagnostics Test (MDT 065). Prerequisites are valid for only three years.

MATH 1100 (3 CREDITS) (4:1:0)

Mathematics Skill Development

A course in the fundamentals of arithmetic (including signed numbers) for those likely to experience difficulty in elementary algebra, business mathematics, or statistics. Students are guided and supported through individual work and attend regular classes on selected topics. This course does not correspond to the high school curriculum in any way, but on completing the course students will be competent in arithmetic skills up to and including the Grade 9 level. Graded S/U.

May not be used as credit towards a Langara College credential.

This course is not recommended to students who previously completed Grade 12 Mathematics.

MATH 1101 (3 CREDITS) (4:1:0)

Basic Algebra

An introduction to algebra, covering the algebraic topics contained in high school courses up to and including the Grade 10 level. Content includes linear equations in one variable, word problems, integer exponents, polynomials, rational expressions, square roots, equations, and graphs of lines. Graded S/U.

May not be used as credit towards a Langara College credential.

This course is not recommended to students who previously successfully completed Grade 12 Mathematics.

Prerequisite(s): One of the following: an "S" grade in MATH 1100; or a minimum "C" grade in Foundations of Math 11; or a minimum "C-" grade in Precalculus 11; or permission of department based on the MDT process (MDT 055). Prerequisites are valid for only three years.

MATH 1118 (3 CREDITS) (4:0:0)

Mathematics of Finance

An introduction to the mathematics of finance and investment including simple interest and discount, compound interest, simple and general annuities, amortization and sinking funds, depreciation and valuation of investments. Computer applications.

Students will receive credit for only one of MATH 1118 or 1119.

Prerequisite(s): One of the following: a minimum "C" grade in Precalculus 11 or Foundations of Mathematics 12; an "S" grade in MATH 1101; or permission of the department based on the MDT process (MDT 059). Prerequisites are valid for only three years.

MATH 1119 (3 CREDITS) (4:0:0)

Mathematics of Business Affairs

Basic mathematics of everyday business affairs including simple and compound interest, promissory notes, instalment buying, trade discounts, loans, mortgages, insurance, investments.

Students will receive credit for only one of MATH 1118 or 1119.

Note: Recent successful completion of Math 10 is strongly recommended.

MATH 1120 (3 CREDITS) (4:0:0)

Mathematics for Professional Photography

Many professional photographers choose to run their own independent business, so having an understanding of business principles and tools is essential. Building on mathematical principles, students explore the basics of payroll, merchandising, percent change, compound interest, annuity, mortgages, and loans. They also learn how to use spreadsheets to prepare tables and formulas for photo imaging work.

Note: Successful completion of a math course at the Grade 10 level is strongly recommended.

MATH 1150 (3 CREDITS) (4:1:0)

Basic and Intermediate Algebra

A one-term course in algebra, covering most topics introduced in high school courses up to and including Principles of Mathematics 11. Content includes real number concepts, algebraic operations, linear equations and inequalities, polynomial and rational expressions, exponents, roots and radicals, quadratic equations, equations in two variables and their graphs. This course is not tied to the high school curriculum, but is designed to be a fast-paced review of many topics encountered at high school. The material is covered in greater depth, with an emphasis on speed and proficiency of algebraic manipulation, problem-solving and practical applications. The objective is to up-grade existing knowledge to the level required for college algebra. Graded S/U.

May not be used as credit towards a Langara College credential.

Prerequisite(s): One of the following: a minimum "C" grade in Precalculus 11 or Foundations of Mathematics 12; a minimum "C-" grade in Precalculus 12; an "S" grade in MATH 1101; or permission of the department based on the Mathematics Diagnostic Test (MDT 060). Prerequisites are valid for only three years.

MATH 1152 (3 CREDITS) (4:1:0)

Precalculus Algebra

A one-term precalculus course in algebra and analytic geometry necessary for studying the calculus of basic algebraic functions. It covers many but not all of the topics introduced at high school, with an emphasis on Grade 12 algebra. In particular, MATH 1152 provides a thorough review

of intermediate algebra, functions and graphing, as well as an introduction to the exponential and logarithmic functions and basic triangle and trigonometry. This course is not tied to the high school curriculum, but is designed to be a fast-paced review of many topics encountered at high school. The material is covered in greater depth, with an emphasis on speed and proficiency of algebraic manipulation, problem-solving and practical applications. The objective is to up-grade existing knowledge to the level required for calculus.

Prerequisite(s): One of the following: a minimum "C-" grade in Precalculus 12, an "S" grade in MATH 1150, or permission of the department based on the MDT process (MDT 070). Prerequisites are valid for only three years.

MATH 1153 (3 CREDITS) (4:0:0)

Introduction to Calculus I (Part I)

A course in the fundamentals of differential and integral calculus with their applications, but reviewing many of the basic algebraic and geometric concepts of precalculus mathematics. Topics include algebraic skills, limits, derivatives, curve sketching, optimization, related rates, approximation, antiderivatives, and linear motion.

Students will receive credit for only one of MATH 1153/1253, 1171, 1173, 1174, or 1175.

Prerequisite(s): A minimum "B" grade in Precalculus 12; permission of the department based on the MDT process (MDT 080); a minimum "C+" grade in MATH 1152; a minimum "C-" grade in MATH 1170; or a minimum "C+" grade in Precalculus 12 and a minimum "C-" grade in Calculus 12. Prerequisites are valid for only three years.

MATH 1162 (3 CREDITS) (4:0:0)

Finite Mathematics I

A presentation of mathematical models in a social, business or biological context and a consideration of specific applied problems in these areas. Some background material of historical, cultural and philosophical interest will be included. Covers basic symbolic logic, set theory, counting methods, probability and statistics. Especially appropriate (usually together with MATH 1262) for students requiring only one year of college mathematics, and will serve as basic science requirement for liberal arts students.

Prerequisite(s): One of the following: a minimum "C" grade in Precalculus 11 or Foundations of Mathematics 12, an "S" grade in MATH 1150, a minimum "C-" grade in Precalculus 12, or permission of the department based on the MDT process (MDT 065). Prerequisites are valid for only three years.

MATH 1170 (3 CREDITS) (4:0:0)

Precalculus Mathematics

A one-term precalculus course for stronger students which is intended to lead into the "full-speed" calculus sequence starting with MATH 1171 or 1173/1183. The MATH 1170 curriculum comprises material covered in high school with emphasis on the transcendental functions found in most Grade 12 curriculum and is intended as a reinforcement of these basic topics. It includes a review of algebraic functions and their graphs and a solid coverage of exponential and logarithmic functions as well as trigonometry and trigonometric functions, including inverse trigonometric functions. This course is not tied to the high school curriculum, but is designed to be a fast-paced review of many topics encountered at high school. The material is covered in greater depth, with an emphasis on speed and proficiency of algebraic manipulations, problem-solving, and practical applications. The objective is to up-grade existing knowledge to the level required for calculus.

Prerequisite(s): One of the following: a minimum "C+" grade in Precalculus 12; a minimum "C" grade in MATH 0120; a minimum "C-" grade in MATH 1152; or permission of the department based on the MDT process (MDT 075). Prerequisites are valid for only three years.

MATH 1171 (3 CREDITS) (4:0:0)

Calculus I

This course deals primarily with differentiation. The major topics include limits (intuitive approach), development and definition of derivatives, differentiation techniques (algebraic, trigonometric, inverse trigonometric, exponential, and logarithmic functions), curve sketching, applications of derivatives (optimization, related rates, linear motion, differential approximations), antiderivatives, growth and decay.

Students will receive credit for only one of MATH 1153/1253, 1171, 1173, 1174, or 1175.

Prerequisite(s): One of the following: a minimum 80% in Precalculus 12; a minimum "B" grade in MATH 0120; a minimum "B-" grade in MATH 1170; a minimum 67% in Precalculus 12 and a minimum 60% in Calculus 12; or permission of department based on the MDT process (MDT 95). Prerequisites are valid for only three years.

MATH 1173 (3 CREDITS) (4:0:0)

Calculus I with Computer Explorations

This is a course in differential calculus, the study of how quantities change. Topics include limits, the definition and interpretations of the derivative, rules and techniques for computing derivatives, using the derivative to study problems involving rates of change, approximation, graphs, and optimization. Traditional classroom instruction will be augmented with laboratory work in MATH 1183. See the description of MATH 1183 for more detail about these activities.

Students will receive credit for only one of MATH 1153/1253, 1171, 1173, 1174, or 1175.

Prerequisite(s): One of the following: a minimum "B" grade in Precalculus 12; a minimum "B-" grade in MATH 0120; a minimum "C+" grade in MATH 1170; a minimum "C+" grade in Precalculus 12 and a minimum "C-" grade in Calculus 12; or permission of department based on the MDT process (MDT 90). Prerequisites are valid for only three years.

Corequisite(s): MATH 1183.

MATH 1174 (3 CREDITS) (4:0:0)

Calculus I - Economic and Business Applications

This course deals primarily with differentiation. Topics include limits (intuitive approach); development and definition of derivatives; rules for differentiation (algebraic, trigonometric, exponential, and logarithmic functions); selected applications of derivatives (concentrating on business examples); introduction to antiderivatives.

Students will receive credit for only one of MATH 1153/1253, 1171, 1173, 1174, or 1175.

Prerequisite(s): One of the following: a minimum "B" grade in Precalculus 12; a minimum "C+" grade in MATH 0120; a minimum "C" grade in MATH 1170; a minimum "C+" grade in Precalculus 12 and a minimum "C-" grade in Calculus 12; or permission of the department based on the MDT process (MDT 085); Prerequisites are valid for only three years.

MATH 1175 (3 CREDITS) (4:0:0)

Calculus I with Applications to Life Sciences

This course deals primarily with differentiation. Topics include limits, definition of derivative, rules for differentiation, growth and decay problems, optimization problems with applications in biological and medical sciences, approximation methods and their applications, mathematical models of biological processes, and antiderivatives and differential equations.

Students will receive credit for only one of MATH 1153/1253, 1171, 1173, 1174, or 1175.

Prerequisite(s): One of the following: a minimum "B" grade in Precalculus 12; a minimum "C+" grade in MATH 0120; a minimum "C" grade in MATH 1170; a minimum "C+" grade in Precalculus 12 and a minimum "C-" grade in Calculus 12; or permission of the department based on the MDT process (MDT 085). Prerequisites are valid for only three years.

MATH 1183 (1 CREDIT) (0:0:2)

Computer Explorations for Calculus I

This is the laboratory component of MATH 1173. These laboratory activities will usually involve the use of a Computer Algebra System, will include instruction about the computers and the software being used, and will involve activities designed to promote better understanding of ideas being studied in MATH 1173.

Corequisite(s): MATH 1173

MATH 1190 (3 CREDITS) (4:0:0)

Fundamental Concepts and Practices of Mathematics

This course is designed for prospective and current elementary school teachers. It is intended to develop an understanding of fundamental mathematical concepts such as numeration systems, arithmetic operations, elementary geometry, elementary probability, and elementary statistical measures and displays. It is also intended to develop a facility with fundamental mathematical practices such as problem solving, using representations such as graphs and algebraic symbols, identifying patterns, abstracting from context, and projecting mathematical ideas onto particular situations.

Prerequisite(s): A minimum "C" grade in Precalculus 11 or Foundations of Mathematics 12; a minimum "C-" grade in Precalculus 12; an "S" grade in MATH 1101; or permission of the department based on the MDT process (MDT 058). Prerequisites are valid for only three years.

MATH 1252 (3 CREDITS) (3:0:1)

Linear Systems with Applications

This introductory course will cover topics in vector algebra and geometry in R2 and R3, systems of linear equations and Gaussian elimination, matrices and determinants, and eigenvalues and eigenvectors. Application will include resistor networks, chemical reactions, random walks, projections and transformation, and some computer graphics.

Students will receive credit for only one of MATH 1252 or 2362.

Prerequisite(s): A minimum "C+" grade in MATH 1153 and 1253; or a minimum "C" grade in one of the following: MATH 1171, 1173 and 1183, or 1175. Prerequisites are valid for only three years.

MATH 1253 (3 CREDITS) (4:0:0)

Introduction to Calculus I (Part II)

Study of the calculus concepts introduced in MATH 1153 as they pertain to transcendental functions.

Students will receive credit for only one of MATH 1153/1253, 1171, 1173, 1174, or 1175.

Prerequisite(s): A minimum "C-" grade in MATH 1153.

MATH 1271 (3 CREDITS) (4:0:0)

Calculus II

This course deals primarily with integration and series. The major topics include the concept of integration, techniques of integration, applications of integration, and infinite series.

Students will receive credit for only one of MATH 1271, 1273, 1274, or 1275.

Prerequisite(s): A minimum "C" grade in one of the following: MATH 1171, 1173, 1174, 1175, or 1253. Prerequisites are valid for only three years.

MATH 1273 (3 CREDITS) (4:0:0)

Calculus II with Computer Explorations

This is a course in integral calculus, the study of how quantities accumulate. Topics include the definition of the definite integral, interpretations and properties of the integral, techniques for computing integrals, techniques for approximating integrals, applications of integrals, and the study of infinite series. Traditional classroom instruction will be augmented with laboratory work in MATH 1283. See the description of MATH 1283 for more detail about these activities.

Students will receive credit for only one of MATH 1271, 1273, 1274, or 1275.

Prerequisite(s): A minimum "C-" grade in MATH 1253, 1171, or 1173; or permission of the department. Prerequisites are only valid for three years.

Corequisite(s): MATH 1283.

MATH 1274 (3 CREDITS) (4:0:0)

Calculus II with Economic and Business Applications

The indefinite integral and techniques of integration. The definite integral and applications to business, differential equations, and probability distributions. Introduction to multi variable calculus.

Students will receive credit for only one of the following: MATH 1271, 1273, 1274, or 1275.

Prerequisite(s): A minimum "C-" grade in one of the following: MATH 1171, 1173, 1174, 1175, or 1253. Prerequisites are valid for only three years.

MATH 1275 (3 CREDITS) (4:0:0)

Calculus II with Applications to Life Sciences

This course deals primarily with integrations. Topics include integrals and techniques of integrations; applications to areas, volumes and probability; differential equations; mathematical models of biological processes; infinite series; Taylor series; and partial derivatives.

Students will receive credit for only one of the following: MATH 1271, 1273, 1274, or 1275.

Prerequisite(s): A minimum "C-" grade in one of the following: MATH 1171, 1173, 1174, 1175, or 1253.

MATH 1283 (1 CREDIT) (0:0:2)

Computer Explorations for Calculus II

This is the laboratory component of MATH 1273. These laboratory activities will usually involve the use of a Computer Algebra System, will include instruction about the computers and the software being used and will involve activities designed to promote better understanding of the ideas being studied in MATH 1273.

Corequisite(s): MATH 1273

MATH 2310 (3 CREDITS) (4:0:0)

Quantitative Methods in Business

Applications of basic mathematics, calculus, and linear algebra to business administration. Includes linear programming, sensitivity analysis, transportation problems, decision analysis, simulation, network applications. Required of all students in the first year UBC commerce program.

Prerequisite(s): A minimum "C-" grade in one of the following: MATH 1153, 1171, 1173, 1174, or 1175. Prerequisites are valid for only three years.

MATH 2362 (3 CREDITS) (4:0:0)

Linear Algebra

Linear algebra is a source of many important ideas and techniques with broad applications in mathematics, science, and engineering. Students explore some of the main concepts and techniques in linear algebra as they learn about vectors, matrices, linear equations, and their applications. In addition, the course has a theoretical focus and students are expected to complete various types of proofs. The topics include systems of linear equations, Gaussian elimination, operations on matrices, determinants, Euclidean and abstract vector spaces, linear independence of vectors, vector subspaces, the concepts of basis and dimension, linear transformations, change of basis, eigenvalues and eigenvectors, diagonalization, and orthogonal diagonalization.

Students will receive credit for only one of MATH 2362 or 1252.

Prerequisite(s): A minimum "C-" grade in one of the following: MATH 1271, 1273, 1274, or 1275; or a minimum "A" grade in MATH 1171, 1173, or 1253 and concurrent registration in one of the following: MATH 1271, 1273, 1274, or 1275. Prerequisites are valid for only three years.

MATH 2365 (3 CREDITS) (4:0:0)

Mathematical Modelling

In this course, students are exposed to a survey of mathematical techniques used to model real-world problems. Students learn about finite difference equations, curve fitting and least-squares regression, applications of calculus, applied matrix algebra, discrete-time dynamical systems, differential equations, and Monte Carlo simulations. Examples are drawn from several areas including biology, economics, medicine, physics, chemistry, data sciences, engineering, and other areas. The students make use of computer programs, such as MATLAB, OCTAVE, or PYTHON, to implement models and run simulations.

Prerequisite(s): A minimum "C-" grade in one of the following: MATH 1271, 1273, 1274, or 1275. Prerequisites are valid for only three years.

MATH 2371 (3 CREDITS) (4:0:0)

Calculus III

Theory and applications related to the following topics: vector-valued functions, partial differentiation, extremal problems, double integrals, triple integrals, and additional topics concerning functions of several variables.

Prerequisite(s): A minimum "C-" grade in MATH 1271, 1273, 1274, or 1275. Prerequisites are valid for only three years.

MATH 2373 (3 CREDITS) (4:0:0)

Real Analysis

An introduction to the theoretical foundations of calculus. Topics include the nature of mathematical proof, properties of real numbers, limits, sequences, series, continuity, and differentiation.

Prerequisite(s): A minimum "C+" grade in one of the following: MATH 1271, 1273, 1274, or 1275. Prerequisites are valid for only three years.

MATH 2372 (3 CREDITS) (4:0:0)

Introduction to Mathematical Proof

This course is an introduction to mathematical proof. Students learn and apply techniques used in mathematical proofs for sets, functions, and logics. They explore direct proofs, contrapositive proofs, proofs by contradictions, and proofs by mathematical induction. Students also work with cardinalities of sets, properties of real numbers, sequences, series, and limits.

Prerequisite(s): A minimum "C-" grade in one of the following: MATH 1171, 1173, 1174, or 1175. Prerequisites are valid for only three years.

MATH 2382 (1 CREDIT) (0:0:2)

Linear Algebra Laboratory

Computer lab activities to complement topics from linear algebra studies in MATH 2362. The labs are designed to promote better understanding of the ideas studied in MATH 2362, as well as to study applications of Linear Algebra Theory. Applications include Polynomial Fitting, Cryptography, Computer Graphics, Least Squares Method, Polynomial Approximation.

Prerequisite(s): A minimum "C-" grade in MATH 2362 (may be taken concurrently). Prerequisites are valid for only three years.

MATH 2471 (3 CREDITS) (4:0:0)

Calculus IV

Topics include: curves and surfaces, vector fields, line, and surface integrals, Divergence Theorem, Theorems of Green and Stokes, application of the aforementioned topics, and additional topics concerning functions of several variables.

Prerequisite(s): A minimum "C-" grade in MATH 2371. Prerequisites are valid for only three years.

MATH 2475 (3 CREDITS) (4:0:0)

Differential Equations

First order equations, special techniques and applications; second order linear equations - linear independence and completeness, homogeneous and inhomogeneous equations, with applications; Laplace transform techniques; first order systems including matrix methods; phase plane and stability analysis of non-linear systems; numerical methods.

Prerequisite(s): A minimum "C-" grade in MATH 1271, 1273, 1274, or 1275; and MATH 1252 or 2362. With permission, one of MATH 1252 or 2362 may be taken concurrently. Prerequisites are valid for only three years.

MATH 2485 (3 CREDITS) (4:0:2)

Numeric Analysis

In this course, students learn some current techniques used in scientific computing. Topics include: solving linear and nonlinear equations, interpolation, integration, and numerical solutions of ordinary differential equations. Extensive use is made of computer programs, such as MATLAB, MAPLE and PYTHON.

Prerequisite(s): A minimum "C-" grade in MATH 1271, 1273, 1274, or 1275; and MATH 1252 or 2362. (Exposure to a high-level programming language or a programming course such as CPSC 1150 is recommended.) Prerequisites are valid for only three years.

MATH 4800 (3 CREDITS) (4:0:0)

Mathematics of Finance

An introduction to the mathematics of finance and investment including simple interest and discount, compound interest, simple and general annuities, amortization, and sinking funds, depreciation and valuation of investments, and relevant computer applications.

Students will receive credit for only one of MATH 1118 or 4800. MATH 1118 may not be used to satisfy the MATH 4800 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

MATH 4801 (1 CREDIT) (0:2:0)

Mathematics for Data Analytics

Intended for students who require additional practice in precalculus algebra and linear algebra to succeed in data analytics programs. Topics include linear equations, systems of equations, matrix operations, quadratic forms, power functions, square root functions, exponential functions, logarithmic function, and reciprocal functions. Students with a passing score on the Data Analytics Mathematics Assessment (DAMA) Test are not required to complete this course. Graded S/U.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics and Post-Degree Certificate in Data Analytics.

Prerequisite(s): A minimum score of 1 on the Data Analytics Mathematics Assessment (DAMA).

Nursing (NURS)

The following nursing courses are restricted to students admitted to the nursing program.

NURS 1109 (3 CREDITS) (4:0:0)

Health I: Health & Wellness

This course provides an introduction to the concepts of health, family, and community within the context of wellness. Students also examine significant theoretical and conceptual frameworks of health, including growth and development, determinants of health, Aboriginal health, population health, and primary health care, in relation to self. By reflecting on personal experiences, participants not only have opportunity to identify personal resources and challenges that impact health, family, groups, and community, but also to recognize the complexity of the change process as related to health-promoting behaviour. A feature of this course is to participate in a community health promoting activity. Delivered in a mixed-mode format.

Corequisite(s): NURS 1121, 1130, 1160, and 1163.

NURS 1121 (3 CREDITS) (4:0:0)

Professional Growth I: Foundations of Nursing

This course introduces participants to the profession of nursing. Various modes of nursing inquiry and the development of nursing knowledge are explored from a philosophical and conceptual perspective. Knowledge translation and the evidence-informed practice approach are also introduced. The focus will be on an overview of the health care system and of the historical and contemporary roles of the Registered Nurse within the context of the nursing profession and in the health care system. Participants will also learn about the local, national, and international professional nursing organizations, the British Columbia College of Nurses and Midwives (BCCNM) principles and roles of practice based on competencies, and scope of practice and begin to develop a culture of scholarship and leadership.

Corequisite(s): NURS 1109, 1130, 1160, and 1163.

NURS 1130 (3 CREDITS) (4:0:0)

Self and Others I: Awareness

This experiential course focuses on participants' personal discovery of self and self in relation to others. Through interaction and personal reflection, emphasis is placed on understanding how culture, personal beliefs, values, experiences, and perceptions have shaped the self over time. Foundational and professional communication theories and processes of caring, within the context of the nurse-other relationship are explored. Documentation as it relates to communication is introduced.

Corequisite(s): NURS 1109, 1121, 1160, and 1163.

NURS 1160 (2 CREDITS) (4:0:0)

Nursing Skills I: Health Assessment I

This course is the first of a series of five that address the promotion of health, healing, and client safety. Participants explore and develop the essential knowledge, competencies, and critical components of foundational nursing skills from an evidence-informed perspective. Participants will have the opportunity to practice and demonstrate completion of ethical, competent, and safe nursing skills at the expected Term One level.

Students will receive credit for only one of NURS 1100 or 1160/1163.

Corequisite(s): NURS 1109, 1121, 1130, and 1163.

NURS 1163 (3 CREDITS) (0:5:0)

Nursing Practice I: Individual as Client

This guided group-based practice course provides opportunities for students to learn and to begin developing their nursing practice and leadership skills. Students will have opportunities to work with individuals and families, in the promotion of health and wellness, within the context of varying health care settings.

The course focuses on the core concepts of critical thinking, evidenced-informed decision making, health promotion, and relational practice. Emphasis will also be placed on the student's ability to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term One level. Graded S/U.

Do not register for any courses on practice days.

Students will receive credit for only one of NURS 1100 or 1160/1163.

Corequisite(s): NURS 1109, 1121, 1130, and 1160.

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 1195 (3 CREDITS) (4:0:0)

Special Topics I

This number is reserved for nursing courses that may be offered from time to time by: a) College nursing faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting nursing lecturers.

NURS 1209 (3 CREDITS) (4:0:0)

Health II: Health & Chronicity

Building on Health I, this course provides students with opportunities to continue to explore the concepts of health, family, groups, and community within wellness. Students also examine significant theoretical and conceptual frameworks of health, including determinants of health, Aboriginal health, population health, and primary health care, in relation to the lived experience of chronicity and disability. By reflecting on the definitions of chronicity and disability, students will begin to appreciate the experience of life with a chronic health challenge and or a disability and its impact on health, family, and community within the context of wellness. Community resources will also be explored. A feature of this course is to participate in a community health promoting activity. Delivered in a mixed-mode format.

Students will receive credit for only one of NURS 1111 or 1209.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 1109, 1121, 1130, and 1160; and an "S" grade in NURS 1163.

Corequisite(s): NURS 1260, 1261, and 1263.

NURS 1260 (2 CREDITS) (4:0:0)

Nursing Skills II: Health Assessment II

This course is the second of a series of five that address the promotion of health, healing, and client safety. Participants explore and develop the essential knowledge, competencies, and critical components of foundational nursing skills from an evidence-informed perspective. Participants will have the opportunity to practice and demonstrate completion of ethical, competent, and safe nursing skills at the expected Term Two level.

Students will receive credit for only one of NURS 1141 or 1260.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 1109, 1121, 1130, and 1160; and an "S" grade in NURS 1163.

Corequisite(s): NURS 1209, 1261, and 1263.

NURS 1261 (3 CREDITS) (4:0:0)

Nursing Knowledge I: Nursing Care of Older Adults

This course involves an examination of concepts related to the common alterations in health and the essential nursing care of a particular client population namely, the older adult. The emphasis is on the integration of new and specialized knowledge through the use of a decision-making framework (DMF) in understanding older adults' and families' experiences with chronic health challenges. Growth and development, disease prevention, health promotion, and health and healing initiatives, including pharmacology are integrated throughout the course. Delivered in a mixed-mode format.

Students will receive credit for only one of NURS 1141 or 1261.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 1109, 1121, 1130, and 1160; and an "S" grade in NURS 1163.

Corequisite(s): NURS 1209, 1260, and 1263.

NURS 1263 (5 CREDITS) (0:10:0)

Nursing Practice II: Older Adult as Client

This guided group-based practice course provides opportunities for students to learn and to begin developing their nursing practice and leadership skills. Students will have opportunities to work with old adults and families living with chronic health challenges in the promotion of health and wellness, within the context of residential, extended, and complex care settings.

The course focuses on the core concepts of critical thinking, evidenced-informed decision making, health promotion, and relational practice. Emphasis will also be placed on the student's ability to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term Two level. Graded S/U.

Do not register for any courses on practice days.

Students will receive credit for only one of NURS 1141 or 1263.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 1109, 1121, 1130, and 1160; and an "S" grade in NURS 1163.

Corequisite(s): NURS 1209, 1260, and 1261.

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 2109 (3 CREDITS) (4:0:0)

Healing I: Adult Health and Healing I

This course provides a continued exploration of concepts of health, family, and community within the context of wellness. Students also examine significant theoretical and conceptual frameworks of health, including the determinants of health, Aboriginal health, population health, and primary health care, in relation to lived experience of health and healing. By reflecting on the definitions of health and healing, students will begin to appreciate the experience of life with an episodic health challenge and its impact on health, family, and community within the context of wellness. Community resources will also be explored. A feature of this course is to participate in a community health promoting activity. Delivered in a mixed-mode format.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2192, NURS 1209, 1260, and 1261; and an "S" grade in NURS 1263.

Corequisite(s): NURS 2160, 2161, and 2163.

NURS 2160 (2 CREDITS) (4:0:0)

Nursing Skills III: Healing Assessment I

This course is the third of a series of five that address the promotion of health, healing and client safety. Participants explore and develop the essential knowledge, competencies, and critical components of foundational nursing skills from an evidence-informed perspective. Participants will have the opportunity to practice and demonstrate completion of ethical, competent, and safe nursing skills at the expected Term Three level.

Students will receive credit for only one of NURS 2160 or 2250.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2192, NURS 1209, 1260, and 1261; and an "S" grade in NURS 1263.

Corequisite(s): NURS 2109, 2161, and 2163.

NURS 2161 (3 CREDITS) (4:0:0)

Nursing Knowledge II: Nursing Care of Adults

Formerly NURS 2140

Building on Nursing Knowledge I, this course involves an examination of concepts related to the common alterations in health and the essential nursing care of a particular client population namely, the adult. The emphasis is on the integration of new and specialized knowledge through the use of a decision-making framework (DMF) in understanding adults' and families' experiences with health challenges. Growth and development, disease prevention, health promotion, and health and healing initiatives including pharmacology are integrated throughout the course. Delivered in a mixed-mode format.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2192, NURS 1209, 1260, and 1261; and an "S" grade in NURS 1263.

Corequisite(s): NURS 2109, 2160, and 2163.

NURS 2163 (5 CREDITS) (0:15:0)

Nursing Practice III: Adult as Client I

Formerly NURS 2140

This guided group-based practice course provides opportunities for students to learn and to begin developing their nursing practice and leadership skills. Students will have opportunities to work with individuals and families, experiencing health challenges in the promotion of health and healing, within the context of medical and home health care settings.

The course focuses on the core concepts of critical thinking, evidenced-informed decision making, health promotion, and relational practice. Emphasis will also be placed on the participant's ability to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term Three level. Graded S/U.

Do not register for any courses on practice days.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2192, NURS 1209, 1260, and 1261; and an "S" grade in NURS 1263.

Corequisite(s): NURS 2109, 2160, and 2161.

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 2209 (3 CREDITS) (4:0:0)

Healing II: Adult Health and Healing II

Building on Healing I, this course provides a continued exploration of concepts of health, family, and community within the context of wellness. Students also examine significant theoretical and conceptual frameworks of health, including the determinants of health, Aboriginal health, population health, and primary health care, in relation to lived experience of health and healing. By reflecting on the definitions of health and healing, students will begin to appreciate the experience of life with an episodic health challenge and its impact on health, family, and community within the context of wellness. Community resources will also be explored. A feature of this course is to participate in a community health promoting activity. Delivered in a mixed-mode format.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2292, NURS 2109, 2160, and 2161; and an "S" grade in NURS 2163.

Corequisite(s): NURS 2260, 2261, 2263.

NURS 2221 (3 CREDITS) (4:0:0)

Professional Growth II: Nurses as Advocates & Educators

This course continues to introduce participants to the profession of nursing. The focus will be on building on the concepts of Professional Growth I and Philosophy 1105, including a critical examination, within the context of Registered Nurses' scope of practice as defined by the BCCNM, of the ethical, legal, economic political issues, and trends that impact nursing and the current health care delivery systems. Knowledge translation and the evidence-informed practice approach continues to be explored. Theoretical concepts of teaching and learning to promote health and healing with individuals, families, and groups will also be explored. Further development of a culture of scholarship and leadership is emphasized.

Students will receive credit for only one of NURS 2121, 2220, or 2221.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 3192, NURS 2209, 2260, and 2261; and an "S" grade in NURS 2263.

Corequisite(s): NURS 3130, 3160, 3162, and 4122.

NURS 2260 (2 CREDITS) (4:0:0)

Nursing Skills IV: Healing Assessment II

Formerly NURS 2251

This course is the fourth of a series of five that address the promotion of health, healing and client safety. Participants explore and develop the essential knowledge, competencies, and critical components of foundational nursing skills from an evidence-informed perspective. Participants will have the opportunity to practice and demonstrate completion of ethical, competent, and safe nursing skills at the expected Term Four level.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2292, NURS 2109, 2160, and 2161; and an "S" grade in NURS 2163.

Corequisite(s): NURS 2209, 2261, and 2263.

NURS 2261 (3 CREDITS) (4:0:0)

Nursing Knowledge III: Nursing Care of Adults
Formerly NURS 2141

Building on Nursing Knowledge II, this course involves an examination of concepts related to the common alterations in health and the essential nursing care of a particular client population namely, the adult. The emphasis is on the integration of new and specialized knowledge through the use of a decision-making framework (DMF) in understanding adults' and families' experiences with health challenges. Growth and development, disease prevention, health promotion, and health and healing initiatives, including pharmacology are integrated throughout the course. Delivered in a mixed-mode format.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2292, NURS 2109, 2160, and 2161; and an "S" grade in NURS 2163.

Corequisite(s): NURS 2209, 2260, and 2263.

NURS 2263 (5 CREDITS) (0:15:0)

Nursing Practice IV: Adult as Client II
Formerly NURS 2141

This guided group-based practice course provides opportunities for participants to learn and to begin developing their nursing practice and leadership skills. Participants will have opportunities to work with individuals and families, experiencing health challenges in the promotion of health and healing, within the context of surgical and home health care settings.

The course focuses on the core concepts of critical thinking, evidenced-informed decision making, health promotion, and relational practice. Emphasis will also be on the participant's ability to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term Four level. Graded S/U.

Do not register for any courses on practice days.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2292, NURS 2109, 2160, and 2161; and an "S" grade in NURS 2163.

Corequisite(s): NURS 2209, 2260, and 2261.

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 2295 (3 CREDITS) (4:0:0)

Special Topics II

This number is reserved for nursing courses that may be offered from time to time by: a) College nursing faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting nursing lecturers.

NURS 3160 (2 CREDITS) (4:0:0)

Nursing Skills V: Healing Assessment III

This course is the final of a series of five that address the promotion of health, healing, and client safety. Participants explore and develop the essential knowledge, competencies, and critical components of foundational nursing skills from an evidence-informed perspective. Participants will have the opportunity to practice and demonstrate completion of ethical, competent, and safe nursing skills at the expected Term Five level.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 3192, NURS 2209, 2260, 2261; and an "S" grade in NURS 2263.

Corequisite(s): NURS 2221, 3130, 3162, and 4122.

NURS 3161 (3 CREDITS) (4:0:0)

Nursing Knowledge VI: Nursing Care of Adults with Mental Health Challenges

Building on Nursing Knowledge III, this course involves an examination of concepts related to the common alterations in health and the essential nursing care of a particular client population namely, the adult. The emphasis is on the integration of new and specialized knowledge through the use of a decision-making framework (DMF) in understanding adults' and families' experiences with mental health challenges. Growth and development, disease prevention, health promotion, and health and healing initiatives, including pharmacology are integrated throughout the course. Delivered in a mixed-mode format.

Students will receive credit for only one of NURS 3161 or 3246.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 3209, 3261, 3262, and PHIL 1105; and an "S" grade in NURS 3264 and 3265.

Corequisite(s): NURS 3165, 3364, 3367, and 4100.

NURS 3162 (5 CREDITS) (0:15:0)

Nursing Practice V: Adult as Client III: Medical-Surgical

In this guided group-based course, students have opportunities to learn and to begin developing their nursing practice and leadership skills. Students work with individuals, families, and groups of clients experiencing health challenges in the promotion of health and healing, within the context of medical-surgical settings.

Students focus on the core concepts of critical thinking, evidence-informed decision making, health promotion, and relational practice. Emphasis is also placed on the students' abilities to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term 5 level. Graded S/U.

Please do not register for any courses on practice days as nursing practice may be scheduled during the evening hours.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 3192, NURS 2209, 2260, and 2261; and an "S" grade in NURS 2263.

Corequisite(s): NURS 2221, 3130, 3160, and 4122.

NURS 3165 (2.5 CREDITS) (0:15:0)

Nursing Practice VII (A): Caring for Clients with a Mental Health Challenge

This guided group-based course provides opportunities for students to learn and to begin developing their nursing practice and leadership skills. Students will have opportunities to work with individuals, families, and groups, experiencing health challenges in the promotion of health and healing, within the context of mental health and home health care settings.

The course focuses on the core concepts of critical thinking, evidence-informed decision making, health promotion, and relational practice. Emphasis will also be placed on the student's ability to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term Five level. Graded S/U.

Please do not register for any courses on practice days as nursing practice may be scheduled during the evening hours.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 3209, 3261, 3262, and PHIL 1105; and an "S" grade in NURS 3264 and 3265.

Corequisite(s): NURS 3161, 3364, 3367, and 4100.

Students are not eligible for an aegrotat or deferred standing in this course. See Policies E2007 and E2011.

NURS 3209 (3 CREDITS) (4:0:0)

Health III: Family and Population Health

Formerly NURS 3111

Building upon Health I and II, this course provides students with opportunities to explore health, Aboriginal health, population health, primary health care, and the determinants of health within the context of family, groups, and community. The emphasis of the course is behavioral health promotion and involves family and population assessment, measuring families, groups, and populations, health status, and the role of the community health nurse in relation to health teaching families, groups, and populations in which the students explore previous learned principles of teaching and learning, but focus on transformative learning. The principles of epidemiology, harm reduction, environmental health safety, disease and injury prevention, and health protection will also be integrated. A feature of this course is for students to plan, organize, deliver, and evaluate a teaching session with a group in the community. Delivered in mixed-mode format.

Students will receive credit for only one of NURS 3111 or 3209.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 2221, 3130, 3160, and 4122; and an "S" grade in NURS 3162.

Corequisite(s): NURS 3261, 3262, 3264, and 3265.

NURS 3261 (3 CREDITS) (4:0:0)

Nursing Knowledge IV: Nursing Care of Infants, Children, Young Adults

Formerly NURS 3116

This course involves an examination of concepts related to the common alterations in health and the essential nursing care of a particular client population, namely infants, children, and young adults. The emphasis is on the integration of new and specialized knowledge through the use of a decision-making framework (DMF) in understanding infants', children's, young adults', and families' experiences with health and chronic challenges. Growth and development, disease prevention, health promotion, and health and healing initiatives, including pharmacology, are integrated throughout the course. Delivered in a mixed-mode format.

Students will be given credit for only one of NURS 3116 or 3261.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 2221, 3130, 3160, and 4122; and an "S" grade in NURS 3162.

Corequisite(s): NURS 3209, 3262, 3264, and 3265.

NURS 3262 (3 CREDITS) (4:0:0)

Nursing Knowledge V: Nursing Care of Family and Newborn

Formerly NURS 3115

This course involves an examination of concepts related to the common alterations in health and the essential nursing care of a particular client population, namely child-bearing women, their partners, and newborns. The emphasis is on the integration of new and specialized knowledge through the use of a decision-making framework (DMF) in understanding women's, newborns', and families' experiences from conception through the post-partum period. Growth and development, disease prevention, health promotion, and health and healing initiatives, including pharmacology are integrated throughout the course. Delivered in a mixed-mode format.

Students will receive credit for only one of NURS 3115 or 3262.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 2221, 3130, 3160, and 4122; and an "S" grade in NURS 3162.

Corequisite(s): NURS 3209, 3261, 3264, and 3265.

NURS 3264 (2.5 CREDITS) (0:15:0)

Nursing Practice VI (A): Family and Newborn as Client

Formerly NURS 3263

This guided group-based course provides opportunities for students to learn and to begin developing their nursing practice and leadership skills. Students will have opportunities to work with individuals, families, and groups, experiencing health challenges in the promotion of health and healing, within the context of maternal-child, community, and home health care settings.

The course focuses on the core concepts of critical thinking, evidence-informed decision making, health promotion, and relational practice. Emphasis will also be placed on the student's ability to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term Six level. Graded S/U.

Please do not register for any courses on practice days as nursing practice may be scheduled during the evening hours.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 2221, 3130, 3160, and 4122; and an "S" grade in NURS 3162.

Corequisite(s): NURS 3209, 3261, 3262, and 3265.

Students are not eligible for an aegrotat or deferred standing in this course. See Policies E2007 and E2011.

NURS 3265 (2.5 CREDITS) (0:15:0)

Nursing Practice VI (B): Infant, Child, Youth, and Family as Client

Formerly NURS 3263

This guided group-based course provides opportunities for students to learn and to begin developing their nursing practice and leadership skills. Students will have opportunities to work with individuals, families, and groups, experiencing health challenges in the promotion of health and healing, within the context of pediatric, community, and home health care settings.

The course focuses on the core concepts of critical thinking, evidence-informed decision making, health promotion, and relational practice. Emphasis will also be placed on the student's ability to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term Six level. Graded S/U.

Please do not register for any courses on practice days as nursing practice may be scheduled during the evening hours.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 2221, 3130, 3160, and 4122; and an "S" grade in NURS 3162.

Corequisite(s): NURS 3209, 3261, 3262, and 3264.

Students are not eligible for an aegrotat or deferred standing in this course. See Policies E2007 and E2011.

NURS 3321 (3 CREDITS) (4:0:0)

Professional Growth IV: Nurse as Leader

Formerly NURS 3361

Students enhance their leadership capacity to influence change for the promotion of health. Using a decision making framework, students implement strategies for continuous quality improvement. Students examine and critique healthcare policy and explore ways to advocate for change at personal, professional, community, and societal levels. They explore and apply leadership and change theory with a focus on enhancing interprofessional practice. Students critically examine the effectiveness of informatics tools and processes.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Students will receive credit for only one of NURS 3321, 3361, or 4121.

Prerequisite(s): A minimum "C+" grade in NURS 3161, 3367, and 4100; and an "S" grade in NURS 3165 and 3364.

Corequisite(s): NURS 4161 and 4163.

NURS 3364 (2.5 CREDITS) (0:15:0)

Nursing Practice VII (B): Populations as Client

In this course, students engage in guided group-based practice to learn and to begin developing their nursing practice and leadership skills. Students have opportunities to work with populations in the promotion of health and healing within the context of community settings. Students focus on the core concepts of critical thinking, evidence-informed decision making, health promotion, and relational practice. Emphasis is placed on the students' abilities to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term 7 level. Graded S/U.

Do not register for any courses on practice days.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 3209, 3261, 3262, and PHIL 1105; and an "S" grade in NURS 3264 and 3265.

Corequisite(s): NURS 3161, 3165, 3367, and 4100.

NURS 3367 (3 CREDITS) (2:2:0)

Nursing Knowledge VII: Introduction to Public Health and Home Health Nursing

In this course, students examine concepts related to common alterations in health and the essential nursing care of clients, families, groups, and populations within community settings. Students explore assessment, reflective practice, nursing skills, and relational practice within the context of public health and community care for clients, groups, and the inter-professional team. Students apply principles of chronic disease management, older adult care, and palliative care within diverse populations. Students have the opportunity to further explore public health from a socio-ecological perspective and continue to develop their understanding of population and community health by exploring capacity building from a social justice perspective. They learn the importance of promoting and protecting the health of all. A key feature of this course is community assessment and promoting the health of marginalized communities. This course is delivered in a mixed-mode format.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 3209, 3261, 3262, and PHIL 1105; and an "S" grade in NURS 3264 and 3265.

Corequisite(s): NURS 3161, 3165, 3364, and 4100.

NURS 4100 (3 CREDITS) (2:2:0)

Health IV: Health, Healing, and Advocacy

In this course, students consolidate their knowledge of health, family, and community by reflecting on emerging health issues and trends faced by populations locally and around the world. Students examine a select number of political, environmental, and ethical factors that give rise to the unequal distribution of health resources. Students focus on the important role of nurses locally and globally in relation to sustainable development, the burden of disease, and various international health initiatives. This course is delivered in a mixed-mode format.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 3209, 3261, 3262, and PHIL 1105; and an "S" grade in NURS 3264 and 3265.

Corequisite(s): NURS 3161, 3165, 3364, and 3367.

NURS 4122 (3 CREDITS) (4:0:0)

Professional Growth III: Research for Evidenced Based Practice

Formerly NURS 4125

Nurses base their practice on evidence, including both empirically-based evidence and clinical expertise to establish and maintain a foundation of nursing knowledge. The focus of this course is to provide an overview of research process in health care, in order to enhance participants' abilities to read, comprehend, and critically appraise evidence. Participants will engage in the steps of evidence based practice. Participants will have the opportunity to critically reflect on their developing roles as scholar and leader.

Students will receive credit for only one of NURS 4122 or 4125.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 3192, NURS 2209, 2260, and 2261; and an "S" grade in NURS 2263.

Corequisite(s): NURS 2221, 3130, 3160, and 3162.

NURS 4161 (3 CREDITS) (4:0:0)

Nursing Knowledge VIII: Advanced Healing Modalities for Complex Care

Formerly NURS 4121

Students examine concepts related to complex alterations in health and essential nursing care of adults in complex health care settings. Students learn to integrate knowledge through the use of a decision-making framework (DMF) in understanding clients' and families' experiences with complex health challenges. Students also explore nursing theory, humanities, and health sciences for advanced physical assessment for pharmacological and diagnostic investigation. There is a focus on inter-professional practice and continuity of care as well as teaching of clients, families, and groups.

Students will receive credit for only one of NURS 4121 or 4161.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in NURS 3161, 3367, and 4100; and an "S" grade in NURS 3165 and 3364.

Corequisite(s): NURS 3321 and 4163.

NURS 4163 (5 CREDITS) (0:15:0)

Nursing Practice VIII: Complex Client Care

Formerly NURS 3365

Students develop and apply their nursing practice and leadership skills within inter-professional teams in complex care practice settings. Topics include critical thinking, evidence-informed decision-making, health promotion, and relational practice within complex care settings. Students have opportunities to work with individuals, families, groups, and organizations to promote health and wellness, within the context of local, national, and international settings.

The course focuses on the core concepts of critical thinking, evidence-informed decision-making, health promotion, and relational practice. Emphasis will also be placed on the student's ability to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term Eight level. Graded S/U.

Do not register for any courses on practice days.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s): A minimum "C+" grade in NURS 3161, 3367, and 4100; and an "S" grade in NURS 3165 and 3364.

Corequisite(s): NURS 3321 and 4161.

Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 4265 (12 CREDITS) (4:0:0)

Nursing Practice IX: Transition to Professional Nursing Practice

Formerly NURS 4261 & 4263

This final practice course is preceptor-based and provides opportunities for participants to consolidate their learning, their development of nursing practice and leadership skills, and to critically reflect on the program's goals while experiencing the transition to professional nursing as a BSN graduate.

The course focuses on the core concepts of critical thinking, evidenced-informed decision making, health promotion, and relational practice. Emphasis will also be on the participant's ability to use the British Columbia College of Nurses and Midwives (BCCNM) principles, roles, and competencies at the Term Nine level. An academic online component of this course provides opportunities for students to interact with peers and instructor in a meaningful way on the lived experience of transition to entry-level practice. A focus on workplace issues, population health, risk management, continuity of care, leadership, and preparation for the National Licensing Exam (NCLEX) is included in the academic component of the course. Reflection on the evolution of personal learning within the program, as well as philosophy of nursing and scholarship are emphasized. Graded S/U.

Please do not register for any courses on practice days as Nursing Practice IX may be scheduled during evenings, nights, weekends, and Statutory holidays.

Registration in this course is restricted to students admitted to the Bachelor of Science in Nursing.

Prerequisite(s) A minimum "C+" grade in NURS 3321 and 4161; and an "S" grade in NURS 4163.

Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 5100 (3 CREDITS) (3:1:0)

Professional Communication II

This course prepares the nurse to communicate effectively within health care setting. Oral and written communication leadership and management communication skills and techniques are included. An introduction to leadership theories is provided with an emphasis on the evolving role of the global nurse leader.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 5110, 5115, 5120, 5130, and 5135.

Corequisite(s): NURS 5125, 5145, and 5185.

NURS 5110 (3 CREDITS) (3:1:0)

The Nursing Profession and Health Care

This course examines the healthcare context and nursing in Canada. Nursing competencies, standards, and scope of practice are included. There is an emphasis on critical thinking, effective communication, decision-making, and accountability in the health care management setting. The social determinants of health and health care in Canada are included.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

NURS 5115 (3 CREDITS) (0:0:4)

Clinical Skills Lab I

This course will build on the nurses' existing nursing practice knowledge and clinical competency by providing clinical skills review and opportunities for practice appraisal in a safe learning environment in preparation for clinical practice. Assessment, body mechanics, use of equipment, and infection control are included. Communication, collaboration, critical thinking and relevant documentation in the clinical setting are emphasized.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

Corequisite(s): NURS 5110, 5120, 5130, and 5135.

NURS 5120 (3 CREDITS) (3:1:0)

Culture and Health

This course involves a critical examination of the relationship between culture and health, which are explored as dynamic, socially constructed processes linked to historic econo-socio-political contexts. The impact of global migration, colonialism and racialization on Indigenous and immigrant health will also be addressed. Using a postcolonial theoretical framework, and cultural safety as a lens for critical reflection, participants actively engage with approaches to understanding how cultural diversity influences nurse-client relationships, access to health care, and health care systems around the world.

Registration in this course is restricted to students admitted to the Post-Degree Certificate in Nursing Leadership and Management or the Post-Degree Diploma in Nursing Practice in Canada.

Corequisite(s): NURS 5110, 5115, 5130, and 5135.

NURS 5125 (3 CREDITS) (0:0:4)

Clinical Skills Lab II

This course will further build on the nurses' existing nursing practice knowledge and clinical competency by providing clinical skills review and opportunities for practice appraisal in a safe learning environment in preparation for clinical practice. Oral, parenteral and IV medication administration are included as well as IV therapy, oxygen therapy, catheters, and tube care. Communication, collaboration, critical thinking, and relevant documentation in the clinical setting are emphasized.

Registration in this course is restricted to students admitted to the Post-Degree Certificate in Nursing Leadership and Management or the Post-Degree Diploma in Nursing Practice in Canada.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 5110, 5115, 5120, 5130, and 5135.

Corequisite(s): NURS 5100, 5145, and 5185.

NURS 5130 (3 CREDITS) (3:1:0)

Professional Communication I

This course builds on the concepts introduced in Professional Communication I. The emphasis is on writing skills utilized within the health care management context including memos, e-mails, reports, resumés, and employment correspondence in nursing. Legalities of delegation and continuing competence are examined. Oral communication skills, such as preparing for an interview and leading meetings, are included.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

NURS 5135 (3 CREDITS) (4:0:0)

Critical Thinking and Decision Making I

This course will build on the nurses' existing nursing practice knowledge and clinical competency through utilizing the Langara Decision Making Framework (DMF) to critically analyze client and contextual data and apply clinical decision making skills to case studies. Health conditions involving the respiratory, cardiovascular, immune, and endocrine systems are included as well as fluid, electrolyte, and acid-base imbalance disorders. Students will have opportunities to integrate and apply their knowledge of anatomy, pathophysiology, health assessment, pharmacology, diagnostic procedures, health teaching, nursing interventions, and nursing care evaluation. Nursing exam type questions are included.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

NURS 5145 (3 CREDITS) (4:0:0)

Critical Thinking and Decision Making II

This course will further build on the nurses' critical thinking (CT) and decision making (DM) skills introduced in Critical Thinking and Decision Making I. Students will utilize the Langara Decision Making Framework (DMF) to critically analyze client and contextual data and apply clinical decision making skills to case studies related to gastrointestinal, genito-urinary, neurological, musculoskeletal, integumentary, and ontological disorders. Students will have opportunities to integrate and apply their knowledge of anatomy, pathophysiology, health assessment, pharmacology, diagnostic procedures, health teaching, nursing interventions, and nursing care evaluation. Nursing exam type questions are included.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 5110, 5115, 5120, 5130, and 5135.

Corequisite(s): NURS 5100, 5125, and 5185.

NURS 5185 (6 CREDITS) (0:10:0)

Clinical Nursing Practice I

This nursing course provides opportunities for participants to consolidate their learning and explore the transition to professional nursing in Canada as an Internationally Educated Nurse (IEN). Learning opportunities include consolidation and integration of previous learning and further development of skills related to communication, collaboration, time management, organization, critical thinking, decision-making, and

enculturation into the Canadian healthcare context. Students will use critical thinking strategies, problem-solving techniques, and clinical decision-making to provide safe, competent care to individuals and their families through supervised clinical practice in a long-term care setting. Graded S/U.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 5110, 5115, 5120, 5130, and 5135. A satisfactory Criminal Records Check is required before students can attend clinical practice. SPECO and vaccination requirements must be completed prior to clinical practice.

Corequisite(s): NURS 5100, 5125, and 5145.

NURS 5265 (3 CREDITS) (2:0:4)

Clinical Simulation

This course will further build on the nurses' ability to practise professional nursing by utilizing knowledge, skills, values judgment, and the ability to apply these safely, competently, and ethically in the simulated practice setting. Students will utilize the Langara Decision Making Framework (DMF) to critically analyze client and contextual data and apply clinical decision making skills to complex simulated client scenarios. Communication, team collaboration, critical thinking, leadership, and relevant documentation in the clinical setting are emphasized. Substantially Equivalent Competency (SEC) skills and nursing exam type questions are included.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

Prerequisite(s): A minimum "C+" grade in NURS 5100, 5125, and 5145; and an "S" in NURS 5185.

Corequisite(s): NURS 5275 and 5280.

Working as a health care aide or in a health-related field (such as, but not limited to: companion for the elderly; group home aide). Students will provide the assistant chair, international with documentation to confirm details of their employment. Deadline for this documentation is set as one week prior to the opening of online registration for Term Three.

NURS 5275 (3 CREDITS) (4:0:0)

Common Health Challenges in Canada

This course will further build on the nurses' ability to practise professional nursing by examining various acute and chronic health challenges in the Canadian population and the appropriate family centered nursing care for clients and their families, both in the acute and community care settings. Health prevention, health promotion, health teaching, and client resources are emphasized. Trends in health and health care, both local and national, are included. Nursing exam type questions are also included.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

Prerequisite(s): A minimum "C+" grade in NURS 5100, 5125, and 5145; and an "S" grade in NURS 5185.

Corequisite(s): NURS 5265 and 5280.

NURS 5280 (3 CREDITS) (4:0:0)

Critical Thinking and Decision Making III

This course will further build on the nurses' critical thinking (CT) and decision making (DM) skills introduced in Critical Thinking and Decision Making I and II. Students will utilize the Langara Decision Making Framework (DMF) to critically analyze client and contextual data and apply clinical decision making skills to complex case studies. Students will have opportunities to integrate and apply their knowledge of anatomy, pathophysiology, health assessment, pharmacology, diagnostic procedures, health teaching, nursing interventions, and nursing care evaluation for client case scenarios with health conditions involving maternity, pediatric, psychiatric, palliative, and community nursing care. Nursing exam type questions are included.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

Prerequisite(s): A minimum "C+" grade in NURS 5100, 5125, and 5145; and an "S" in NURS 5185.

Corequisite(s): NURS 5265 and 5275.

Working as a health care aide or in a health-related field (such as, but not limited to: companion for the elderly; group home aide). Students will provide the assistant chair, international with documentation to confirm details of their employment. Deadline for this documentation is set as one week prior to the opening of online registration for Term Three.

NURS 5285 (10 CREDITS) (2:24:0)

Clinical Nursing Practice II

Participants in this course have opportunities to consolidate their learning and explore the transition to professional nursing in the Canadian health care context. Learning opportunities include consolidating and integrating previous learning and further developing skills such as communication, collaboration, time management, organization, critical thinking, and decision making in a hospital setting. Graded S/U.

Registration in this courses is restricted to students admitted to the Post-Degree Diploma in Nursing Practice in Canada.

Prerequisite(s): a minimum "C+" grade in NURS 5265, 5275, and 5280.

Nutrition (NUTR)

Most nutrition courses are available to arts and science students. Courses restricted to Diploma in Nutrition and Food Service Management students are identified in the course descriptions. A minimum "C-" grade is required in most prerequisite courses; several courses require a minimum "C" grade.

REPEATING A COURSE

A NUTR course may only be repeated once. Subsequent registrations beyond the repeat limit require the department chair or delegate's approval.

NUTR 1100 (3 CREDITS) (4:0:0)

Introduction to Nutrition

An introduction to the concepts of and some current topics in human nutrition. Students study the principles of normal nutrition and the role of adequate nutrition in maintaining good health. Topics include vitamins, minerals, fluids, nutritional assessment, food and drug interactions, and specific nutrition concerns during the different life cycle stages. The advanced topics of sport nutrition and nutrition in health and disease are introduced. Students develop the ability to discriminate between reliable and unreliable nutrition information.

This course is intended for students who want a general introduction to nutrition. It is not intended for students in the Diploma in Nutrition and Food Service Management. Students looking for a more comprehensive course in nutrition should register in NUTR 2112 and 2212.

NUTR 2112 (3 CREDITS) (4:0:0)

Nutrition I

In this online course, students are given an introduction to the science of nutrition. Areas of study include an overview of the nutrients, their function, nutritional processes, and the evaluation of nutrition related information sources. The energy producing nutrients - protein, fat and carbohydrate - are studied in depth.

NUTR 2212 (3 CREDITS) (4:0:0)

Nutrition II

In this online course, students continue the study of normal nutrition. The specific areas of study include vitamins, minerals, fluids, nutritional assessment, food and drug interactions, and specific nutritional concerns during the stages of the life cycle. Completion of NUTR 2112 and 2212 will enable the student to relate nutritional needs to meal planning for optimal health.

NUTR 2322 (3 CREDITS) (4:0:0)

Advanced Nutrition I

This is an online course. Specific areas of study are the development of nutritional care plans, the relationship between nutrition and illness, the role of nutritional care in stress and wasting disorders, disorders of the gastro-intestinal tract, and adverse food reactions. Emphasis is given to the role of the supervisory/technical staff in the implementation of nutritional care plans. The online course notes are designed to provide information regarding the etiology of disease and dietary principles for conditions that are responsive to diet modifications. Through online communication diet writing/menu marking skills are developed.

Prerequisite(s): A minimum "C" grade in NUTR 2112 and 2212; a minimum "C-" grade in one of the following: BIOL 1115, 1116, 1175, 1190, or 1216; and a minimum "C" grade in one of the following: BUSM 1500, CMNS 1115, 1118, 2228, ENGL 1123, or 1127.

NUTR 2422 (3 CREDITS) (4:0:0)

Advanced Nutrition II

This online course is a continuation of NUTR 2322. This course examines the role of nutritional care in the prevention and treatment of disease. Specific areas of study are the role of nutritional care in diabetes, hypoglycaemia, weight control, and disorders of the cardio-vascular system, and kidneys. Emphasis is given to the role of the supervisory/technical staff in the implementation of nutritional care plans.

Prerequisite(s): A minimum "C" grade in NUTR 2322.

NUTR 2500 (3 CREDITS) (3:1:0)

Sports Nutrition

In this course, students will discuss the role of nutrition for health, fitness, and athletic performance. Topics covered include the basic principles of human nutrition and exercise; carbohydrate, fat, and protein metabolism at rest and during exercise; energy balance and body composition; fluid and electrolyte balance; vitamin and mineral needs and issues for athletes; evaluation of sports foods, supplements and ergogenic aids, nutrition during training, competition and recovery; nutrition for special populations - women, children, youth, and seniors; and nutrition and fitness assessment.

NUTR 3100 (3 CREDITS) (3:2:0)

Nutrition, Health, and Wellness

Nutrition relates to the health of individuals who are living and eating in the context of food systems that are strongly affected by local and global public policy choices and economic incentives. In this course, students examine, interpret, and evaluate current topics in nutrition related to health issues and policies, as well as individual food choices. Students explore and analyze aspects of health promotion, health education, and wellness for those involved in promoting healthy lifestyles. Students also discuss the impact of food choices on the environment and the sustainability of those choices.

Prerequisite(s): A minimum of 15 credits including a minimum "C" grade in three credits of university-transferable English or communications.

Peace & Conflict Studies (PCCN)

PCCN 1105 (0 CREDITS) (0:0:0)

Lecture Series

This is a non-credit, non-fee course. It is a one semester series of guest lectures on peace and conflict studies topics. A minimum of four lectures will be offered during the semester. Requirement for the Diploma in Peace and Conflict Studies.

Only offered in fall semester.

PCCN 1201 (3 CREDITS) (3:1:0)

Peace and Conflict in the Modern World
See POLI 1145

The history of war; causes and consequences of war; the nuclear threat; the relationship of the arms race to other global problems; arms control and disarmament; Canada's role.

POLI 1145 is one of the core courses of the Diploma in Peace and Conflict Studies.

Only offered in the fall semester.

PCCN 1202 (3 CREDITS) (3:1:0)

Conflict and Conflict Resolution

An examination of levels of conflict from the interpersonal to the international. The roots and dynamics of conflict; the means and history of conflict resolution; mediation and peacekeeping.

Only offered in the spring semester.

PCCN 2201 (3 CREDITS) (4:0:0)

Transforming Conflicts: Negotiation to Non-violent Revolution

PCCN 2201 will encourage students to explore the academic dimensions of peace-building, presenting theoretical frameworks that critique and challenge war systems (hierarchical, competitive, reliant on structural violence). Creating peace system alternatives to war systems will be demonstrated through the teaching and developing of non-violent communication skills, integrative bargaining strategies, and exploring social movements.

Prerequisite(s): A minimum "C-" grade in PCCN 1201 (POLI 1145) or 1202.

Philosophy (PHIL)

Philosophy is the discipline which develops the ability to think clearly about fundamental questions, including those that frequently lie at the root of other disciplines. Philosophy asks questions about the nature of knowledge, reality, truth, consciousness, freedom, moral obligation, aesthetic value, happiness, justice, and virtue - questions asked by those who seek to understand themselves, their society, and their world. We welcome students who are interested in questions of this order.

The Philosophy department offers a concentration in philosophy for the Langara College Associate of Arts Degree. The concentration in philosophy is designed for students who are interested in preparing for a bachelor's degree with a major in philosophy or who simply wish to focus on philosophy as part of their associate of arts degree.

Philosophy courses require proficiency in English and can present challenges to students whose second language is English and who have difficulty reading or writing English. Students with English language difficulties should discuss them with the department or the instructor prior to enrolment in a philosophy course.

PHIL 1100 (3 CREDITS) (3:1:0)

Introduction to Philosophy: (Ethics, Social and Political Philosophy)

An introduction to a variety of the classic responses to the question "How should I conduct my life?" Some of the major themes discussed are happiness, moral goodness, rights, obligation, freedom.

PHIL 1101 (3 CREDITS) (3:1:0)

Introduction to Philosophy: Knowledge and Reality

The primary questions dealt with are "What is the source and the limit of human knowledge?" and "What is the nature of reality?" and "What is our place in nature?" Some of the major themes discussed are knowing and believing, mind and brain, free will and determinism, truth, existence.

PHIL 1102 (3 CREDITS) (3:1:0)

Introduction to Logic

This is an introduction to elementary formal logic. Valid and invalid reasoning. Common fallacies, logical connectives "and," "or," "if ... then". Truth tables. Propositional calculus and predicate calculus.

PHIL 1103 (3 CREDITS) (3:1:0)

Introduction to Philosophy of Science

This course considers a variety of questions in the philosophy of science, including: What is the nature of science? What is a scientific hypothesis, theory, law? What is the role of induction and deduction in science? The course considers the claims of science to objective knowledge by looking at the interplay of different forces in scientific decision-making, such as simplicity, and social, cultural, and prudential influences. No background or ability in science is presupposed beyond an interest in the subject matter.

PHIL 1104 (3 CREDITS) (3:1:0)

Critical Thinking

Thinking critically means knowing how to support your beliefs and actions with good reasons and how to evaluate reasons given by others. In this course, you will learn to distinguish good from bad arguments as they occur in everyday discussions, including in the news media, political campaigns, advertising, and other contexts. The goal is to help you to cultivate a solid habit of going through life as a critical thinker, which should lead to better reasoned decision-making, rather than decisions based on unexamined opinions, impulse, prejudice, or social pressure. Students will be taught, through extensive examples, how to understand, criticize, and construct arguments, and how to recognize common errors in reasoning.

ESL students who have difficulty reading or writing English may find this course challenging. They are encouraged to discuss their participation in this course with the instructor.

PHIL 1105 (3 CREDITS) (3:1:0)

Biomedical Ethics

A consideration of selected moral problems arising in the health professions: experimentation on humans and animals, euthanasia, death, confidentiality, truth telling, abortion, and the allocation of scarce medical resources. The aim of the course is to put ourselves in a position to frame rational and informed opinions on these important matters. Classes will be organized to allow for ample discussion; readings will be drawn from medical, legal, and philosophical sources. No background in law, medicine, or philosophy is presupposed.

PHIL 1106 (3 CREDITS) (4:0:0)

Philosophy of Sport

This course has two related goals: 1) to use philosophical frameworks to inquire into the nature of sport and related concepts; and 2) to use sport to introduce philosophical ideas and to show how those ideas can clarify our understanding of human institutions, values, and practices. Topics include: What is sport? What is a game? What is athletic excellence? What is sportsmanship? What is fair play? What is the relationship between sport and morality?

PHIL 1110 (3 CREDITS) (3:1:0)

Artificial Intelligence, Ethics, and Society

The goal of this course is to introduce students to the philosophical, ethical, and societal issues that will challenge us in the coming age of intelligent systems. Topics may include robot rights and citizenship, artificial minds, AI existential threats, biases in AI algorithms and programming, legal consequences of autonomous vehicles and other applications, economic impacts to the workforce, and moral agency.

PHIL 1120 (3 CREDITS) (4:0:0)

Environmental Ethics

This course will introduce students to the moral issues associated with human interaction with our environment and provide them with the methodology for critically assessing these issues. Topics include: Are animals, plants, and trees entitled to moral consideration? If so, how much and why? How do we fairly distribute the burdens of environmental stewardship between nations and between generations? Do we owe any moral obligations to future generations? Are groups, like species and ecosystems, deserving of moral consideration? Must we promote sustainability? When, if ever, may we engage in acts of violence in order to protect animals and/or the ecosystem?

PHIL 1125 (3 CREDITS) (4:0:0)

Ancient Philosophy

A study of ancient philosophy mainly focusing on Plato and Aristotle, but with attention to the Presocratics, the Roman Stoics, and later developments.

PHIL 1140 (3 CREDITS) (4:0:0)

Philosophy of Religion

This course investigates proofs for the existence of God, the intellectual ground of faith, the problems of evil and suffering, the mystical path, the connection between ethics and religion, the psychologizing of religion, religious pluralism, and recent claims by atheists that religious beliefs are not only mistaken but dangerous.

PHIL 2160 (3 CREDITS) (4:0:0)

Philosophy & Literature

Philosophy aims to describe the world and our experience within it as accurately and thoroughly as possible, while literature shows some important aspects of human existence by using literary devices like metaphors which force the reader to make subjective interpretations about the writer's messages and intent. In spite of this fact, literature has proven to be a powerful vehicle for philosophical messages. This course will consider both the philosophy of literature, such as what is literature and can subjective interpretations achieve truth, and philosophy through literature, in which we study philosophical concepts through literary works. Students will learn why we love to be scared, why tragedy is so appealing, what an individual's obligations are to herself and the state, etc.

PHIL 2201 (3 CREDITS) (3:1:0)

Theory of Knowledge

A continuation of PHIL 1101 in which some topics treated there will be examined in greater depth, and new ones introduced. We will consider three main questions: (1) What is knowledge? (How does knowing differ from believing? Is there any certain knowledge?); (2) What, if anything, can we know? (Can we know that there is an external world or the sun will rise tomorrow?); (3) How do we know what we do? (By inference or direct apprehension? By our senses, or reason, or what? Does knowledge need foundations? What is the nature of scientific knowledge?)

Prerequisite(s): Any first-year philosophy course or consent of the instructor.

PHIL 2202 (3 CREDITS) (3:1:0)

Ethics

A consideration of such questions as: When can we hold an individual morally responsible for his actions? What is freedom? What are my obligations to my community? From the courses of action open to me, what ought I to do? What is the nature of the good? The course will consider the views of philosophers such as Plato, Aristotle, Hume, Kant, Mill, and Sartre.

Prerequisite(s): Any first-year philosophy course or consent of the instructor.

PHIL 2203 (3 CREDITS) (3:1:0)

Metaphysics

A continuation of Philosophy 1101 in which some topics treated there will be examined in greater depth, and new ones introduced. We will be concerned with the nature of human beings and the universe in which we find ourselves. Topics may include the nature of mind (Is the mind the brain, or something irreducibly psychic?), personal identity (What makes us the same person in different times and places?), freedom (Are all our actions fixed by the past?), God (What is meant by the term, and does it apply to anything?), and immortality (Does everything end with our bodily death, or can we look forward to a future state?).

Prerequisite(s): Any first-year philosophy course or consent of the instructor.

PHIL 2210 (3 CREDITS) (3:1:0)

Contemporary Moral Issues

An examination of important moral controversies in such fields as social justice, international relations, multiculturalism, environmental ethics, corporate responsibility, and personal relationships. The focus is on learning to reach balanced moral decisions, supported by sound philosophical reasoning.

Prerequisite(s): Any first-year philosophy course, or consent of the instructor.

PHIL 2222 (3 CREDITS) (4:0:0)

Early Modern Philosophy

Early Modern Philosophy responds to tumultuous times in Europe. Medieval scholasticism was in disrepute as the Scientific Revolution took hold. This course focuses on the distinctive character of this period as it wrestled with the metaphysical and epistemological problems raised by scientific developments. Students critically evaluate the views and enduring influence of such thinkers such as Descartes, Leibniz, Locke, Hume, and Kant, in regards to questions such as: What is the relationship between reality and our perceptions of reality? What is the nature of the mind and how is it related to the body? What is the nature of physical reality?

Prerequisite(s): Any first year philosophy course; or permission of the instructor.

PHIL 2225 (3 CREDITS) (3:1:0)

Existentialism

How can you create a meaningful life for yourself out of the possibilities of human existence? The great existentialist philosophers - Kierkegaard, Nietzsche, Heidegger, Sartre, de Beauvoir, and Camus - addressed this kind of question, aiming to make us aware of the extent and burdens of our freedom and responsibility in answering it. This course encourages students to sample key writings of, and to think critically about, these philosophers whose goal was to stimulate the quest for a self-aware, reflective, and imaginative existence.

PHIL 2226 (3 CREDITS) (3:1:0)

Social and Political Philosophy

This course investigates the meaning of such concepts as freedom, justice, equality, power, authority, and alienation, which lie at the roots of major contemporary ideologies such as liberalism, fascism, communism, socialism, and anarchism.

Prerequisite(s): Any first-year philosophy course or consent of the instructor.

PHIL 2295 (3 CREDITS) (4:0:0)

Special Topics II

An in-depth study of a major philosopher or topic in philosophy.

PHIL 3200 (3 CREDITS) (3:1:0)

Critical Thinking and Business Ethics

Responsible business decisions call for the ability to (1) analyze a problem and arrive at a decision backed by the strongest reasons and (2) know the difference between ethical and unethical conduct. Students will be introduced to the elements of logic, and learn to identify and construct arguments and distinguish between good and bad ones. The course also offers a primer in ethics and students take up the questions of how ethics is distinguished from law and prudence, what makes actions right or wrong, and why be ethical. The emphasis will be on ethical decision making in a business environment.

Prerequisite(s): 30 credits of post-secondary courses or approval of the department chair.

Physical Education (PHED)

SERVICE PROGRAM ACTIVITY COURSES

The following courses provide opportunities for healthful and enjoyable recreation for all College students, regardless of their program of studies. Students may enrol in one service program activity course each semester, as part of their total program. Students are also urged to utilize intramural activities and intercollegiate athletics for recreational activity to balance their academic work. Service program activity courses carry College credit only.

All courses may not be offered in any given semester. Regular attendance and participation are essential course requirements.

PHED 1112 (1 CREDIT) (0:0:2)

Introduction to Physical Fitness

An introduction to personal physical fitness development. Although the course is principally geared to mild but continuous and progressive exercise, there will also be opportunity for higher levels of performance. Some individual fitness testing is conducted to indicate personal fitness levels and place you in the appropriate programs. Grading is based mainly on attendance and participation. Graded S/U.

PHED 1118 (1 CREDIT) (0:0:2)

Healthy Lifestyles

As the third and final course in a series, this course will assist the student in applying the concepts covered to the "real world" working situation. Personal physical fitness levels will be reassessed once more and physical training programs maintained. The healthy living focus will expand to include topics such as stress management, effects of shift work, informed consumerism, and protective health behaviours. Graded S/U.

Physics (PHYS)

REPEATING A COURSE

A physics course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, usually on the basis of documented evidence of upgraded prerequisites.

LABORATORY REQUIREMENTS

The physics labs are an integral part of each course. It is Physics department policy that there are no make-up labs. Failure to satisfactorily complete the laboratory requirements may result in a failing grade for the course.

DIAGNOSTIC TESTS

The Physics Diagnostic Placement Test is an assessment of the student's knowledge of the physics principles and their applications. The test is designed to place the student into the most appropriate physics course. To enrol in any physics course with a physics prerequisite, the diagnostic test is required for any student who has not taken a physics course in BC.

Note: Not all courses are offered every semester.

PHYS 1101 (4 CREDITS) (4:0:2)

Physics I for Life Sciences

This is a calculus-based introductory physics course intended for students planning on a career in the life sciences including biology and the health professions. The course examines, kinematics, including graphs of motion, dynamics, energy, momentum, fluids, oscillations, waves, sound, heat, thermodynamics, geometrical optics and light interference, and diffraction, in lectures and laboratories. Examples are chosen, where possible, from applications of interest to students of the life sciences.

Students will receive credit for only one of PHYS 1101 or 1125.

Prerequisite(s): A minimum "C" grade in Physics 12 or PHYS 1118, or a satisfactory score on the Physics Diagnostic Test; and a minimum "C-" grade in one of the following: MATH 1171, 1173 and 1183, 1175, or 1253 (MATH courses may be taken concurrently). Prerequisites are only valid for three years.

PHYS 1114 (4 CREDITS) (4:0:2)

Basic Physics

A general course for students who have had no previous physics background. The course covers mechanics, heat, sound, optics and electricity at the introductory level in the classroom and in the laboratory.

Prerequisite(s): A minimum "C" grade in Precalculus 11, an "S" grade in MATH 1150, or MDT 70 or higher. Prerequisites are only valid for three years.

PHYS 1118 (4 CREDITS) (4:0:2)

Introductory Physics

Students examine a range of physics topics, including SI units, vectors, kinematics, mechanics (Newton's laws), circular motion, work, energy, and other topics the instructor chooses. They also learn how to use graphs and vectors to describe and predict phenomena. Students master the basics of measurement, data acquisition, and reporting conclusions in the weekly laboratory sessions.

This is an introductory course for students with Physics 11 or equivalent.

Prerequisite(s): Physics 11 with a "B" or higher, or Physics 12 with "C" or higher, or PHYS 1114 with "C" or higher, or satisfactory score on Physics Diagnostic Test, and Precalculus 12 with a "C" or higher, or MATH 1152 with a grade of "C" or higher, or MATH 1153 with "C-" or higher, or MATH 1170 "C-" or higher (concurrent). Prerequisites are only valid for three years.

PHYS 1124 (4 CREDITS) (4:0:2)

Energy and the Environment

This course is a quantitative examination of current energy use, resource limitations and environmental impacts, and possible future energy scenarios. The course examines the global energy context, energy fundamentals, current major energy sources such as fossil fuels, hydroelectricity, and nuclear energy, as well as rapidly developing sustainable energy sources such as solar, wind, tidal, ocean thermal, biomass, and geothermal. Energy conservation, individual actions, and energy plans and policies are also examined. Quantitative labs and field trips support the development of the concepts.

Prerequisite(s): A minimum "B" grade in Physics 12; a minimum "C" grade in PHYS 1118; a score of 80 on the Physics Diagnostic Test; or permission of the department. Prerequisites are only valid for three years.

PHYS 1125 (4 CREDITS) (4:0:2)

Physics I with Calculus

This is a calculus-based introduction to mechanics. The course examines kinematics (one and two dimensions), dynamics, statics, energy, rotation, waves, oscillations, fluids, gas, heat, thermodynamics in lectures and laboratories. Students planning to go into physical and applied sciences are encouraged to take this course and its second part, PHYS 1225.

Students will receive credit for only one of PHYS 1101 or 1125.

Prerequisite(s): A minimum "B" grade in Physics 12, a minimum "C" grade in PHYS 1118, or a satisfactory score on the Physics Diagnostic Test; and a minimum "C-" grade in one of the following: MATH 1171, 1173 and 1183, 1175, or 1253 (MATH courses may be taken concurrently). Prerequisites are only valid for three years.

PHYS 1219 (4 CREDITS) (4:2:0)

Engineering Mechanics

This course is designed for (although not restricted to) students in the university transfer engineering program. Topics include statics of particles, equilibrium of rigid bodies, rigid body statics and internal forces; kinematics: rectilinear motion; dynamics: Newton's 2nd law, friction, impulse, momentum, work, and energy. Emphasis is placed throughout on the analysis of practical mechanics problems using freebody diagram techniques. Students are encouraged to complete MATH 1271 or 1273 before, or concurrently, with PHYS 1219.

Prerequisite(s): A minimum "C+" grade in PHYS 1115; or a minimum "C" grade in PHYS 1125; and a minimum "C-" grade in one of the following: MATH 1153, 1171, 1173, or 1253. MATH 1153, 1171, or 1253 may be taken concurrently with PHYS 1219. Prerequisites are only valid for three years.

PHYS 1225 (4 CREDITS) (4:0:2)

Physics II with Calculus

This is a calculus-based introduction to electricity. The course examines electrostatics, electric field, electric current, circuits, magnetic field, electromagnetic induction, oscillations, alternating current, sound, optics, interference and diffraction, modern physics.

Note: Students taking second year physics courses are advised to take MATH 2362, 2371, 2471 and 2475.

Prerequisite(s): A minimum "B" grade in PHYS 1101, or a minimum "C" grade in PHYS 1125; and a minimum "C-" grade in one of the following: MATH 1271, 1273 and 1283, or 1275 (MATH courses may be taken concurrently). Prerequisites are only valid for three years.

PHYS 2309 (2 CREDITS) (1:0:3)

Intermediate Experimental Physics 1

The student will perform experiments in thermal physics and mechanics. Lectures will introduce the theory of error propagation, data analysis, and parameter determination for various theoretical models through the use of weighted least-squares curve-fitting. Computer software for data analysis and weighted least-squares curve-fitting will be introduced. The student will analyze data from the experiments using the methods and software introduced in lectures.

Students will receive credit for only one of PHYS 2309, 2327, or 2328.

Prerequisite(s): A minimum "C-" grade in PHYS 1125 and 1225. Prerequisites are only valid for three years.

PHYS 2323 (3 CREDITS) (3:1:0)

Newtonian Mechanics

Classical particle physics, Newton's laws of motion, conservation law, energy, momentum, angular momentum, potential energy, gravitation, planetary motion, non-inertial frames, motion in rotating frames, rigid body motion.

Prerequisite(s): A minimum "C-" grade in PHYS 1215 or 1225; and one of the following: MATH 1271, 1273, 1274, or 2371 (may be taken concurrently); or permission of the department. Prerequisites are only valid for three years.

PHYS 2409 (2 CREDITS) (1:0:3)

Intermediate Experimental Physics II

This course is a continuation of PHYS 2309. Lectures will introduce theory of alternating current circuits, digital electronics, and modern physics. Students will perform laboratory experiments in these areas. Students will use computer software for data analysis and curve-fitting, as introduced in PHYS 2309. Students will select and perform one extended experimental project, and report on it in a formal lab report and a presentation.

Prerequisite(s): A minimum "C-" grade in PHYS 2309. Prerequisites are only valid for three years.

PHYS 2424 (3 CREDITS) (3:1:0)

Relativity and Quanta

Special relativity, origins of quantum theory, introductory quantum mechanics, atoms and molecules, solid state, nuclear and particle physics, astrophysics, and cosmology.

Prerequisite(s): A minimum "C-" grade in PHYS 1225, and MATH 1271 or 1273; or permission of the department. Prerequisites are only valid for three years.

Political Science (POLI)

POLI 1100 (3 CREDITS) (2:2:0)
Introduction to Government and Politics
This course provides a comprehensive introduction to the study of government and politics. It examines the major methods, approaches and issues in political science, as well as the primary components of government structure and the political process.

POLI 1119 (3 CREDITS) (3:1:0)
Canadian Politics and Government
This introductory course deals with the origins and structure of Canadian government and analyses the social and political forces which shape our current political system. Topics include Parliament, the PM and Cabinet, political parties, Quebec nationalism, and the Charter of Rights and Freedoms.

POLI 1140 (3 CREDITS) (3:1:0)
Introduction to International Relations
An introduction to the politics of world society, its historical development, the major forms of analysis of global political structures and foreign policies, and contemporary security problems.

POLI 1145 (3 CREDITS) (3:1:0)
Peace and Conflict in the Modern World
The history of war; causes and consequences of war; the nuclear threat; the relationship of the arms race to other global problems; arms control and disarmament; Canada's role.

POLI 1145 is one of the core courses of the Diploma in Peace and Conflict Studies.

POLI 1160 (3 CREDITS) (3:1:0)
Contemporary Ideologies
An introduction to the major political ideologies of the 19th and 20th centuries, including democracy, conservatism, liberalism, socialism, anarchism, communism, fascism, and feminism.

POLI 1195 (3 CREDITS) (3:1:0)
Special Topics I
This number is reserved for political science courses that may be offered from time to time by: a) College political science faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting political science lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

POLI 1250 (3 CREDITS) (3:1:0)
Politics in the Developing Nations
This course examines the political, social and economic forces at work in the "Third World," sometimes called the "developing" or "majority" world (e.g. Cuba, South Africa, Indonesia). The countries covered vary with the instructor.

POLI 2209 (3 CREDITS) (2:2:0)
Canadian Public Policy
An examination of how laws are developed and implemented in Canada. Topics will include general policy-making theory as well as the roles of the public, parliament, cabinet, and public service in policy development.

Prerequisite(s): A minimum "C-" grade in POLI 1100, 1119, or 2250 (formerly 1150).

POLI 2219 (3 CREDITS) (2:2:0)
Canadian Public Administration
A study of the administration of government in Canada, including current social and political patterns in modern large-scale organizations, the organization of the Government of Canada and power of the bureaucracy. This course should be of particular interest to students planning to take Commerce.

Prerequisite(s): A minimum "C-" grade in POLI 1100, 1119, or 2250 (formerly 1150).

POLI 2229 (3 CREDITS) (2:2:0)
Introduction to Urban Politics
A general introduction to Canadian local politics and government, with specific focus on Vancouver and the British Columbia case. Topics will include electoral systems, party politics, local pressure groups, the role of bureaucracy, regional government, and the relationship of cities to provincial and federal administrations.

Prerequisite(s): A minimum "C-" grade in POLI 1100, 1119, or 2250; or permission of the instructor.

POLI 2239 (3 CREDITS) (3:1:0)
Topics in Canadian Politics
This course will be offered from time to time. It will feature topics of current interest in Canadian politics.

Prerequisite(s): A minimum "C-" grade in POLI 1119.

POLI 2240 (3 CREDITS) (3:1:0)
International Political Economy
An introduction to the elements of international political economics including trade, monetary issues, trans-national corporations, poverty, dependency, development, and the environment. Any previous political science or economics course is helpful.

POLI 2241 (3 CREDITS) (3:0:0)
BC Politics & Government
This course examines the structure of government in British Columbia and the forces shaping politics in the province. Continuity and change in the political life of British Columbia is assessed by reference both to BC's political history since Confederation and to recent developments in BC politics. Topics include federal-provincial relations, BC's political economy, institutions of government, First Nations, parties and elections, media and interest groups, and selected public policy issues.

Note: A previous political science course is recommended but not required.

POLI 2250 (3 CREDITS) (3:1:0)
Comparative Politics: Western Liberal Democracies

A comparative analysis of the government and politics of selected western liberal democracies (e.g. the UK, France, Germany, the USA). The countries covered vary with the instructor.

Students may only receive credit for one of POLI 1150 or 2250.

POLI 2255 (3 CREDITS) (2:2:0)
Democracy in the Digital Age

Political processes, actors, and institutions are affected by the variety of factors loosely connected to the Internet and its associated platforms. In this course, students explore how digital media (social media, online chat rooms, electronic voting processes, and electronic journalism) are impacting politics in advanced liberal democracies and influencing the practice and meaning of citizenship. They examine the many ways in which technology is impacting the practice and the experience and meaning of citizenship.

Prerequisite(s): A minimum "C-" grade in one of the following: POLI 1100, 1119, 1140, 1145, 1160, 1195, or 2270; or permission of the instructor.

POLI 2265 (3 CREDITS) (4:0:0)
Surveillance and Terror: The Politics of Totalitarianism

This course will introduce students to the main features of totalitarian forms of government, as these are articulated in political theory. The course will emphasize the differences between totalitarianism and authoritarianism and will explore the intersecting propaganda, surveillance, and terror systems employed by the totalitarian regimes.

Prerequisite(s): A minimum "C-" grade in one of the following: POLI 1100, 1119, 1140, 1145, 1160, 1195, or 2270; or permission of the instructor.

POLI 2270 (3 CREDITS) (3:1:0)
Introduction to Western Political Thought

This course is designed as an introduction to the field of political theory through the study of the classic theorists of the western liberal political tradition.

Prerequisite(s): Any university-transferable political science or philosophy course; or permission of the instructor.

POLI 2275 (3 CREDITS) (3:1:0)
Introduction to Western Feminist Social and Political Thought

Feminism is not a monolithic movement with a unified theoretical base. Feminism encompasses a variety of approaches, methodologies and political objectives. This course will situate feminist thought within the broader context of mainstream political theory, describing how feminists have contested traditional descriptions of political life, power, and citizenship. An emphasis will be placed on the social and political contexts within which feminist action has occurred and does occur.

Prerequisite(s): A minimum "C-" grade in one of the following: POLI 1100, 1119, 1140, 1145, 1160, 1195, or 2270; or permission of the instructor.

POLI 2295 (3 CREDITS) (3:1:0)
Special Topics II

This number is reserved for political science courses that may be offered from time to time by: a) College political science faculty who may wish to present a course in their specialty which may be of limited interest; or b) Visiting political science lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

Professional Photography (PHOT)

PHOT 1100, 1200, 1120, 1150, and 2440 are open to all Langara College students, the other courses listed below are restricted to students admitted into the Diploma in Professional Photography.

Prerequisites for all photography courses: a minimum "C" grade in all previous term Diploma in Professional Photography courses, or permission of the department.

PHOT 1100 (3 CREDITS) (3:0:4)
Photographic Explorations

This course introduces novice to beginner photographers to the basics of photography. They will build their photographic expertise and techniques through a variety of hands-on projects including the opportunity to choose an area of interest for a term project.

Note: This course is open to all Langara College students.

PHOT 1105 (3 CREDITS) (3:0:2)
Technical Photography I

Students build foundations of photographic knowledge through technical assignments that incorporate artistic expression to achieve images that meet professional standards using natural and artificial light.

Students will receive credit for only one of PHOT 1105 or 1118.

Registration in this course is restricted to students admitted to the Diploma of Professional Photography.

PHOT 1110 (3 CREDITS) (1:2:4)
Studio Lighting I

Students are introduced to lighting concepts by exploring the qualities of light and its interaction with a variety of subjects in the studio. Examining common lighting issues and their solutions enables students to produce compelling images.

Students will receive credit for only one of PHOT 1110 or 1128.

Priority registration in this course is offered to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1105 and 1125 (all may be taken concurrently).

PHOT 1120 (3 CREDITS) (4:0:0)
Creativity and Ideation

Students develop creativity through idea generation, evaluation, and implementation. While communicating with creative teams and individuals, students explore drawing, design, and layout principles through a variety of assignments and examine styles and trends through analysis and critique.

Priority registration in this course is offered to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" in one of the following: AHIS 1112, 1212, 1219, DSGN 1100, 1151, 1200, FINA 1120, FLMA 1170, JOUR 1168, PHOT 1100, 1105, PUBL 1100, 1190, THEA 1110, or WMDD 4800 (may be taken concurrently).

PHOT 1125 (3 CREDITS) (3:0:3)
Digital Workflow
A professional digital imaging workflow is the foundation of a photographer's skill set. Students control image post-production through software and hardware profiling while using common imaging formats and apply digital asset management concepts to build a library of images that can be easily accessed and manipulated and is resilient to equipment failure.

Priority registration in this course is offered to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1105 (may be taken concurrently).

PHOT 1150 (1 CREDIT) (0:0:1.538)
History of Photography Lab
Students apply theory from AHIS 1219 through hands-on, practical experience working with film and historical processes. Projects include capturing a still-life or portrait on film, processing it, and creating a silver gelatin print and creating a print using an enlarged digital negative and a historic process such as cyanotype, Van Dyke Brown, salted paper, or platinum/palladium.

Students who have received credit for PHOT 1151 will not receive credit for this course.

Priority registration in this course is offered to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1100 or 1105; or permission of the department.

Corequisite(s): AHIS 1219.

PHOT 1151 (3 CREDITS) (0:0:4)
History of Photography Lab - Extended
Students gain hands-on, practical experience working with black and white film and historical image making processes. Projects include capturing images on a variety of film formats, processing film, and printing gelatin prints. Students explore a historic process such as cyanotype, Van Dyke Brown, salted paper, or platinum/palladium. Students spend a significant amount of time in the darkroom.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1105.

PHOT 1190 (1 CREDIT) (0:1:0)
Photographic Industry Topics I
Internal and external experts within the photographic community present a series of modules exploring current and relevant topics as program and industry demands. Modules may include site visits.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

PHOT 1200 (3 CREDITS) (3:0:3)
Photographic Explorations II
Photographs are a powerful visual communication tool. In this course, students build upon their basic skills and knowledge to create stronger, purposeful images of both people and objects. They utilize a higher-level understanding of photographic elements, lighting, composition, storytelling, connection to place and space, and post-production techniques when creating photographs. They also learn how to sensitively and objectively discuss and critique photographs through the lenses of Indigenization and equity, diversity, and inclusion.

Prerequisite(s): A minimum "B-" grade in PHOT 1100. Experience using DSLR or mirrorless camera is strongly recommended.

PHOT 1205 (3 CREDITS) (3:0:2)
Technical Photography II
Students further develop their understanding of the principles of photography, particularly how they relate to industry practices and acquire advanced skills with a variety of lighting systems. Studio and location assignments provide opportunities to demonstrate the theoretical and practical applications necessary for a strong working knowledge of photographic practices.

Priority registration in this course is offered to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1105, 1110, and 1125.

PHOT 1210 (3 CREDITS) (1:2:4)
Studio Lighting II
Students explore studio lighting concepts and techniques through studio portraiture and commercial studio photography. The applied nature of the coursework allows students to work through common portrait and commercial challenges to create compelling studio images. Through hands-on experience with a variety of lighting equipment, including flash, students acquire the skills to create a diverse range of images.

Priority registration in this course is offered to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in all of the following: PHOT 1105, 1110, 1125, and 1205 (PHOT 1205 may be taken concurrently).

PHOT 1225 (3 CREDITS) (3:1:0)
Digital Imaging I
Through a hands-on, assignment-driven experience in foundation imaging techniques used in a broad range of photographic applications, students learn the interface and tools of industry standard software. Topics include colour correction, selections, masks, sharpening, retouching, and compositing.

Students will receive credit for only one of PHOT 1225 or 1248.

Priority registration in this course is offered to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1105, 1110, and 1125.

PHOT 2305 (3 CREDITS) (1:2:5)
Portrait Photography
Students apply portrait photography principles to three distinct genres: commercial photography through fashion and editorial portraits; personal photography for children, families, and weddings; and fine art photography as portraiture via the human form. Studio and location demonstrations and peer critiques complement lectures.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in all of the following: PHOT 1120, 1205, 1210, and 1225.

PHOT 2310 (3 CREDITS) (1:2:5)

Commercial Photography

Students explore a variety of commercial photography genres: product photography, interior and exterior architecture, and food and beverage photography. Digital medium format and DSLR cameras, in conjunction with studio and location flash lighting, are used to capture high quality images. Students collaborate with students from other departments in the creative arts division. Studio and location demonstrations and peer critiques complement lectures.

Students will receive credit for only one of PHOT 2310 or 2338.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1120, 1205, 1210, and 1225.

PHOT 2320 (1 CREDIT) (1:0:0)

Documentary Photography

Photojournalism and the art of storytelling are central to documentary photography. Students delve into topics relating to photojournalism including ethics, rules of photojournalists, point of view, pitching and planning ideas, getting paid, storytelling, shot lists, and genres of photojournalism.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in all of the following: CMNS 1115 or 1122; and PHOT 1125 (all may be taken concurrently).

PHOT 2325 (3 CREDITS) (3:0:2)

Digital Imaging II

Through a range of applied projects, students develop and apply an editing workflow for photo shoots with a large number of images and explore advanced digital imaging techniques. Students examine motion based stills and other post-production techniques driving current trends in photography.

Students will receive credit for only one of PHOT 2325 or 2428.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1205, 1210, and 1225.

PHOT 2420 (3 CREDITS) (4:0:0)

Small Business for Photographers

Using small business fundamentals, students create a photographic business and apply sales and marketing skills to develop pricing and a marketing plan. Students learn techniques to establish a brand and build a professional network and explore the business risks and opportunities created by current industry issues.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in all of the following: BUSM 1901; and PHOT 2305 or 2310 (PHOT courses may be taken concurrently).

PHOT 2425 (3 CREDITS) (3:0:2)

Digital Imaging III

Through a range of applied projects, students develop advanced digital imaging skills and techniques. Both photography and rendered elements are used to create composite images. Content is prepared for a variety of media.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 2305 or 2310; and 2325.

PHOT 2440 (3 CREDITS) (3:1:0)

Video for Photographers

The transition from creating still images to creating short videos and films poses a unique set of challenges for the experienced photographer. Creative practitioners will gain the skills to document their process and promote their work by making short, non-fiction videos that have strategic messages and good design. Pair a digital camera with high quality sound recording and use accessible editing software to produce dynamic video content that can be shared online. Reach your intended audience through interview videos, behind the scenes footage, and/or concept demonstrations.

Students will receive credit for only one of PHOT 2348 or 2440.

Priority registration in this course is offered to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "B-" grade in PHOT 1100 or a minimum "C" grade in PHOT 1105 (PHOT 1105 may be taken concurrently).

PHOT 2441 (1 CREDIT) (0:1:0)

Sound for Photographers

Sound is often the overlooked element of exceptional video or multimedia production. Students explore the technical and creative aspects of recording environmental sounds and clean dialogue in a commercial context.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1125 (may be taken concurrently).

PHOT 2475 (3 CREDITS) (0:3:8)

Photographic Portfolio Development

A photographer's portfolio is an essential tool in finding work in the photographic industry. With instructor guidance and access to equipment and studios, students design weekly assignments in the genre of their choosing. Through peer-led critique of individual work, students collaborate to achieve creative and technical goals and, with mentorship, create a portfolio.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in all of the following: AHIS 1212 or 1219; BUSM 1902; JOUR 1168 or PHOT 2320; PHOT 2305, 2310, 2325, 2420, 2425; PHOT 2440 or 2441; PHOT 2490; and PUBL 1100 or 1900. (BUSM 1902, PHOT 2425 and 2490 may be taken concurrently).

PHOT 2485 (1 CREDIT) (0:11.5:0)

Photography Practicum

Working with industry is one of the most beneficial aspects of being a student. With the assistance of an instructor, students set up and complete 100 hours of approved industry field placement with two or more mentors.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 2475 (may be taken concurrently).

PHOT 2486 (1 CREDIT) (0:1:0)

Photography Exhibition and Portfolio Presentation

In the photographic industry, a portfolio is a crucial component of a resume. Using photographic works created earlier in the program and in other courses, students display their work in a group gallery show and develop an electronic or printed portfolio for review by industry members.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 2485 (may be taken concurrently).

PHOT 2490 (1 CREDIT) (0:1:0)

Photographic Industry Topics II

Internal and external experts within the photographic community present a series of modules exploring current and relevant topics as program and industry demands. Modules may include site visits.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1190.

Psychology (PSYC)

For more detailed information about the Department of Psychology, please visit the department website.

Note: Students intending to major in psychology at a university are advised to take PSYC 1115, 1215, 2320, and 2321, plus other second-year courses necessary to transfer into the third year of a bachelors program. As second year requirements vary from institution to institution, students are advised to familiarize themselves with the programs of the university to which they want to transfer.

PSYC 1115 (3 CREDITS) (4:0:0)

Introduction to Biological, Cognitive, and Developmental Psychology

An introduction to theories, methods, and research findings of modern psychology. Topics may include but are not limited to research methods, biological bases of behaviour, sensation and perception, development, consciousness, learning, and memory.

PSYC 1115 and 1215 can be taken at the same time or in either order.

PSYC 1195 (3 CREDITS) (4:0:0)

Special Topics I

This number is reserved for psychology courses that may be offered from time to time by: a) College psychology faculty who may wish to present a course in their specialty which may be of limited interest; or, b) visiting psychology lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

PSYC 1215 (3 CREDITS) (4:0:0)

Introduction to Social, Personality, and Abnormal Psychology

An introduction to theories, methods, and research findings of modern psychology. Topics may include but are not limited to thinking, language, intelligence, personality, emotion, stress and health, motivation, social behavior, and psychological disorders and therapies.

PSYC 1115 and 1215 can be taken at the same time or in either order.

PSYC 1295 (3 CREDITS) (4:0:0)

Special Topics II

This number is reserved for psychology courses that may be offered from time to time by: a) College psychology faculty who may wish to present a course in their specialty which may be of limited interest; or, b) visiting psychology lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

PSYC 2318 (3 CREDITS) (4:0:0)

Psychology of the Exceptional Child

Students examine how patterns of thoughts, feelings, and behaviours can be understood as psychological disorders, and how they can present as challenges for infants, children, and adolescents. Topics include features and causes of childhood disorders, educational challenges, risk factors, unusual needs, and unusual capabilities which make a child different or in need of special consideration. Emphasis is on understanding and promoting typical interventions and protective factors that can improve the psychological and educational welfare of infants, children, and adolescents. This course is oriented to the requirements of the Early Childhood Education program.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215. Prerequisites waived for students admitted to the Early Childhood Education or the Education Assistant programs.

PSYC 2319 (3 CREDITS) (4:0:0)

Psychology of the Family

With an emphasis on the range of experiences of the individual within intimate relationships, students examine the various psychological, social, and cultural processes which inevitably affect families. Beginning with theories of attraction, students proceed to discussion of issues related to the development of a sense of compatibility, closeness, and commitment. Definitions, types of marriage and family, the systems view of family life, communication, power, and responses to stressors are also dealt with. Students address the major changes within the family such as divorce, single parenting, and blended families.

Prerequisite(s): A minimum "C+" grade in PSYC 1115 and 1215.

PSYC 2320 (3 CREDITS) (4:0:0)

Research Methods in Psychology

Research in psychology often uses the scientific method to learn about human thought and behaviour. An understanding of how psychological research is conducted allows us to be more critical and informed consumers of information. In this course, students learn about the many different types of studies used in psychology and their strengths and limitations. Students will also learn about research ethics, measurement, and how to draw valid conclusions from empirical evidence. Students are required to apply their knowledge of research methodology in psychological science while collaborating on the design, collection, analysis, and dissemination of a term-long group research project.

Prerequisite(s): A minimum "C+" grade in PSYC 1115 and 1215.

PSYC 2321 (3 CREDITS) (4:0:0)

Data Analysis for Psychology

Statistical analyses are used in psychology to help us understand data so we can evaluate claims and make informed decisions. In this course, students study concepts and methods of behavioural data analysis, including the use of descriptive and inferential statistics to understand psychological research. Students practice conceptual interpretation of data and learn to translate statistics into meaningful ideas to prepare them to read and critically evaluate psychological research.

It is strongly recommended that students have completed the Math requirements within 3 years prior to registering for this course.

Prerequisite(s): A minimum "C+" grade in PSYC 1115 and 1215; and one of the following: a minimum "C" grade in Foundations of Mathematics 11, Precalculus 11, Foundations of Mathematics 12, or Precalculus 12; an "S" grade in MATH 1150; a satisfactory score (code 053) on the Statistics Diagnostic Test (SDT); or a 055 or higher on the Math Diagnostic Test (MDT).

PSYC 2322 (3 CREDITS) (4:0:0)

Social Psychology

This course examines the effects of social influences on individual and group behaviour. Students explore how the social situation affects thought, feeling, and behaviour.

Topics such as social perception, social cognition, group processes, attitudes, persuasion, conformity, obedience, aggression, self-knowledge, helping, and prejudice are discussed. Other topics such as interpersonal attraction are covered at the discretion of the instructor.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215.

PSYC 2323 (3 CREDITS) (4:0:0)

Health Psychology

Health psychology is a burgeoning field with applications in many work settings and for individuals personally. Students examine the biological links between psychological states and health, the ways in which people adjust to daily life including the nature of and responses to stress, resilience, and positive development. Topics covered may include history, models, the relationship between physical health and psychological health, factors contributing to wellness and illness, and larger contextual issues pertaining to health.
Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215.

PSYC 2324 (3 CREDITS) (4:0:0)

Developmental Psychology (Early Childhood)

A study of the determinants of behaviour and the processes of growth and maturation during prenatal, infancy, and preschool periods. Physical, cognitive, social, and emotional development are discussed.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215. Prerequisites waived for students admitted to the Early Childhood Education or the Education Assistant programs.

PSYC 2325 (3 CREDITS) (4:0:0)

Personality

Through the study of classical personality theories and cutting-edge research, students learn how biological, psychological, and sociocultural forces create individual differences in the human personality. Along the way, via personality inventories and self-reflection exercises, students gain an in-depth understanding of their own personalities and awareness of the potential consequences their personalities have for various well-being, interpersonal, and mental health outcomes. Students also learn about stability and change in personality across situations and the lifespan; strategies for adjustment, resilience, and self-improvement; and contentious research into sex, gender, and personality.

Prerequisite(s): A minimum "C" grade in PSYC 1115 and 1215.

PSYC 2326 (3 CREDITS) (4:0:0)

Psychological Disorders and Mental Health

In this course, students review a number of psychological disorders as outlined in the current edition of the American Psychiatric Association's Diagnostic and Statistical Manual (DSM) and/or other classification systems. Students will examine the mental and behavioural characteristics of various disorders, their possible causes, and treatments from a broad range of theoretical perspectives. The interconnection of biological, psychological, and socio-cultural forces (the BIOPSYCHOSOCIAL model) provides the foundation for this exploration.

Prerequisite(s): A minimum "C" grade in PSYC 1115 and 1215.

PSYC 2327 (3 CREDITS) (2:2:0)

The Psychology of Human Animal Relationships

Students in this course undertake a critical analysis of the psychological dynamic between human and non-human animals. They explore what psychological science has discovered about animal consciousness, cognition, language, intelligence, emotion, motivation, and morality. As students form a grounding in how these capacities evolved in non-human animals, they will examine where we, as human animals, position ourselves in their world, and where non-human animals might position

themselves in ours. Students delve into the scientific literature on the impact of animals on human health, animal and human attachment, the use of animals in psychological science, animal assisted therapy, and animal abuse and its association with other forms of violent behaviour directed at humans.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215.

PSYC 2328 (3 CREDITS) (4:0:0)

Applied Early Child Psychology

This course deals with applied aspects of early child development. Emphasis will be on investigating ways in which theories and research enrich an understanding of contemporary issues in early child development. Topics may include risk factors in prenatal development, day care, childhood anxiety, and child abuse.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215; or registration in the early childhood education or education assistant programs.

PSYC 2329 (3 CREDITS) (4:0:0)

Forensic Psychology

Students will examine the ways in which the fields of psychology and law intersect. Topics may include psychology and law enforcement, the role of psychological experts in court, eyewitness testimony, victimology, psychological assessment, and treatment of various forensic populations (e.g. youth offenders, violent and sexual offenders, criminal psychopaths). Through selected topic areas, students explore the contribution of psychological theory, concepts, and principles to understanding human behaviour that occurs in the legal context. Students focus on how psychological research and clinical expertise inform current practice pertaining to both criminal and civil legal issues.

Students will receive credit for only one of the Fall Semester 2019 offering of PSYC 1195 or 2329.

Prerequisite(s): A minimum "C+" grade in PSYC 1115 and 1215.

PSYC 2331 (3 CREDITS) (4:0:0)

Neuroscience

Students explore behaviour and mental processes through the function of the brain and its underlying structure. Topics include the history of neuroscience, research methods of neuroscientific inquiry, animal paradigms, research ethics, neuron structure, neural conduction (emphasizing the action potential), synaptic transmission, the structure of the nervous system, gross neuroanatomy, and various sensory and motor systems.

Prerequisite(s): A minimum "C+" grade in PSYC 1115 and 1215.

PSYC 2333 (3 CREDITS) (2:0:2)

Applied Behavioural Neuroscience

Applied behavioural neuroscience draws upon empirical evidence from philosophy, psychology, biology, chemistry, and physics to better understand the biological basis of behaviour. Students explore a number of topics to better appreciate human diversity. Topics may include how people process taste and smells, how hormones regulate behaviour, and how psychoactive drugs interact with the nervous system. Students also learn about neuroimaging and how it is used to study topics such as the biological bases of learning and mental health. Students participate in hands-on lab activities and learn about research design and statistics that are commonly implemented in neuroscience research.

Prerequisite(s): A minimum "C+" grade in PSYC 1115 and 1215.

PSYC 2341 (3 CREDITS) (4:0:0)

Cognitive Psychology

Cognitive psychology is the scientific study of the mind. Students explore how people attend to, encode, and understand their world by examining empirical and theoretical aspects in the study of attention, memory, perception, and decision-making. Additional topics may include concept formation, problem-solving, creativity, intelligence, language, cognitive development, consciousness, among other topics. Students also survey historical approaches, research methodologies, and biological aspects in the study of cognition. Students will have a chance to engage with current theoretical issues and create links to real-life situations throughout the course.

Prerequisite(s): A minimum "C+" grade in PSYC 1115 and 1215.

PSYC 2413 (3 CREDITS) (4:0:0)

History of Psychology

This course traces the development of modern psychology from the rationalism of Descartes through modern humanism and into possible future directions. Landmark theorists and their contributions are studied. Special emphasis is placed on the social and scientific context in which the great theories of psychology were developed.

Prerequisite(s): A minimum "C+" grade in PSYC 1115 and 1215.

PSYC 2424 (3 CREDITS) (4:0:0)

Developmental Psychology (Middle Childhood and Adolescence)

This course is a continuation of PSYC 2324, although it can be taken separately. It is a study of the cognitive, emotional, and social development of the child during middle childhood and adolescence, and the factors influencing that development.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215. Prerequisites waived for students admitted to the early childhood education or the special education assistant career programs.

PSYC 2425 (3 CREDITS) (4:0:0)

Developmental Psychology (Adulthood and Aging)

With the increase in life expectancy worldwide, it is important for people to understand the implications of adult development and aging on physical, social, and psychological health. In this course, students critically examine social, cultural, emotional, physical, and cognitive development associated with adulthood, aging, death, and dying. They analyze psychological theories, models, and research findings related to adulthood and aging. Students explore how aging affects a number of aspects of our lives such as memory, decision-making, problem-solving, health, and relationships. The course encourages students to broaden their perspectives on aging and apply the concepts learned to their own lives through self-reflection.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215. PSYC 1215 waived for students admitted to the Diploma in Gerontology or Certificate in Social Service Worker (Gerontology).

PSYC 2426 (3 CREDITS) (4:0:0)

Psychotherapy

An introduction to therapy for mentally distressed and behaviourally disordered persons of various ages. Numerous therapeutic approaches will be examined: psychodynamics, humanistic, behavioural, cognitive. Both individual and group methods will be discussed in relation to wide social issues. This course is not designed to teach how to use therapeutic techniques.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215.

PSYC 3200 (3 CREDITS) (4:0:0)

Industrial Psychology: Personnel Selection

This course examines the science and practice of a specialized field of Industrial/Organizational Psychology called Personnel Selection. Students will learn about how industrial psychologists assess jobs and assess people in order to make personnel selection decisions. Lectures, small group experiential learning exercises, and participation in a major group project are used to develop an understanding of the field of Personnel Selection as well as to provide opportunities to apply the knowledge thus gained. Topics include job analysis, test validation, utility analysis, assessment of intellect and personality, and job simulations.

Prerequisite(s): A minimum "C-" grade in BUSM 2200; or PSYC 1115 and 1215.

PSYC 3210 (3 CREDITS) (4:0:0)

The Psychology of Leadership

What makes a great leader? Social psychologists exploring this question have inspired a wide range of research since the 1930s. Students explore the history and nature of leadership and the challenges in defining leadership. In the course, students review major approaches and theories and outline their strengths and weaknesses and their application to a variety of leadership situations. Topics covered may include the great man theory, charisma, individual differences, contingencies of leadership, the importance of followers, transactional and transformational leadership, power, social identity, and contextual issues such as gender, culture, and ethics in leadership.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215; or a minimum "C-" grade in BUSM 2200.

PSYC 3220 (3 CREDITS) (4:0:0)

Group Dynamics

This course examines group processes from both a theoretical and practical perspective. Lectures, small group experiential learning exercises, and participation in a major group project are used to develop a detailed understanding of group interactions as well as to provide opportunities to apply this knowledge in professional situations. Topics include group dynamics, interpersonal communication, decision-making, conflict resolution, and leadership. Additional topics, such as group dynamics in business and legal environments, may also be included.

Prerequisite(s): A minimum "C-" grade in BUSM 2200; or PSYC 1115 and 1215.

PSYC 3230 (3 CREDITS) (4:0:0)

Psychology and Culture

Students examine how cultural values shape socialization practices and how this in turn impacts the development of self and personality. Students begin by tracing the origins of culture and exploring factors that influence its spread. Students then examine how culture influences numerous psychological characteristics, including perception, thinking, intelligence, motivation, emotion, well-being, and mental health.

Students will receive credit for only one of PSYC 2332 or 3230.

Prerequisite(s): A minimum "C-" grade in BUSM 2200; or PSYC 1115 and 1215.

PSYC 3240 (3 CREDITS) (4:0:0)

The Psychology of Creativity

What is the process underlying creativity and what are the characteristics of creative people? These questions have occupied the interests of researchers and practitioners from a wide variety of subdisciplines in psychology. Students will learn what psychological research can tell us about how creativity can be defined, how it develops, and how it manifests itself across various cultures and content domains. Grounded in research, PSYC 3240 will also have a strong applied emphasis, encouraging students to explore the creative process through discussion and small group experiential learning exercises.

Prerequisite(s): A minimum "C-" grade in BUSM 2200; or PSYC 1115 and 1215.

Publishing (PUBL)

PUBL 1100 (3 CREDITS) (2:1:1)
Publishing Explorations
Students learn the basics of publishing in various formats and media. Through hands-on projects, they work with existing content and create new content, learn about publication planning and various forms of publishing media, and are introduced to common software used to create publications.

This course is open to all Langara College students. Students can bring their own images and text for their assignments or use material supplied by the instructor.

PUBL 1900 (1 CREDIT) (0:4:0)
Modern Digital Publishing
In this micro-course students learn both the creative and technical aspects of digital publishing. They begin by exploring what a digital publication is and then develop the knowledge and skills to make one of their own using type, photos, video, and sound. Students create a multimedia digital publication for their final project.

This course is open to anyone interested in discovering the digital publishing industry.

Previous experience with Adobe InDesign or any page layout application as well as basic familiarity with HTML and Cascading Style Sheets (CSS) is recommended but not required. Graded S/U.

Recreation (RECR)

The following courses are designed for students considering a career in recreation and wanting to complete the Diploma in Recreation Leadership with the option to advance to complete the Bachelor of Recreation Management. RECR courses can also be taken to meet the requirements of the Diploma in Leisure Studies and as electives for arts and science students

As not all courses are offered each semester, students are advised to consult a Langara College counsellor or Recreation department faculty when planning their program.

RECR 1000 (1 CREDIT) (1.5:1:0)
Essential Elements of Leisure and Recreation
This course explores the theoretical underpinnings inherent to leisure, and public recreation, emphasizing the critical role public recreation plays in fostering community cohesion, Indigenous cultural revitalization, health promotion, and environmental stewardship. The course explores these foundations to empower parks and recreation staff to effectively navigate the complexities of public recreation management and maximize their impact in creating vibrant, inclusive, and thriving communities. The course is grounded in the recognition that: municipal recreation is a public good & municipal recreation programs operate to serve the diverse needs of communities, promote social equity, engage respectfully with Indigenous cultural and artistic endeavours, and enhance overall quality of life for residents. Graded S/U.

Registration in this course is restricted to students admitted to the Foundations to Innovations in Community Recreation.

RECR 1001 (1 CREDIT) (1.5:1:0)
Contemporary Issues and Trends in Community Recreation
This course explores the role and influence of contemporary issues and trends in society on how public and community recreation is delivered in local communities. Students will examine the concept of 'issues' and 'trends' in relation to their personal values and how these issues and trends impact the role and delivery of recreation services in municipal settings. Students will examine contemporary issues and trends in their local communities and find ways in which recreation intersects within a wider societal context and diverse community values including those of Indigenous communities, longtime residents, and newcomers. Graded S/U.

Registration in this course is restricted to students admitted to the Foundations to Innovations in Community Recreation.

RECR 1002 (1 CREDIT) (1.5:1:0)
Integrative Praxis in Community Recreation
Learners will engage in hands-on, practical applications of leisure and recreation theories while addressing contemporary issues in the community through the lens of public recreation. Integrative Praxis emphasizes the integration of knowledge into real-world contexts, fostering critical problem-solving, reflective practice, and actionable solutions. Through project-based learning, learners will bridge the gap between theory and practice, preparing them to excel in professional roles in municipal recreation. Graded S/U.

Registration in this course is restricted to students admitted to the Foundations to Innovations in Community Recreation.

Prerequisite(s): A minimum "S" grade in RECR 1000 and 1001.

RECR 1160 (3 CREDITS) (3:1:0)
Foundations of Leisure and Recreation
Students explore key concepts, issues, and topics related to the field of leisure and recreation. Students learn the basic history, psychology, philosophy, and ideals of recreation and leisure, as well as the scope of organizations and programs within Canada, i.e., the public, not-for-profit, and commercial sectors.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

RECR 1162 (3 CREDITS) (2:2:6)
Direct Leadership in Recreation
Students explore group dynamics and conflict management in the delivery of recreation activities. They learn to identify groups' diverse needs in groups to become motivational recreation leaders. Through experiences in leading and experiencing co-operative learning activities and self-reflection, students develop and apply leadership techniques in the delivery of inclusive recreation activities. Students participate in a guided multi-day wilderness expedition to explore self-leadership.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

RECR 1166 (3 CREDITS) (3:1:2)
Valuing Diversity in Leadership
Students explore the history, philosophy, and scope of creating inclusive leisure services for all members of a community. Students identify barriers to participation, analyze the impact of these barriers, and identify processes for change. Through case studies, students learn about people with diverse backgrounds and abilities and become familiar with available services and support organizations.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

RECR 1168 (3 CREDITS) (3:1:2)
Recreation Program Planning
Students are introduced to the principles of planning, implementing, and evaluating recreation services, and they explore the role of a recreation professional in the delivery of recreation programs. Students apply the tools and techniques of the planning process by organizing and delivering a special event for a community.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

Prerequisite(s): A minimum "C-" grade in RECR 1160.

RECR 1170 (3 CREDITS) (3:1:2)
Introduction to Recreation Facilities and Environments
In this survey course, students are introduced to recreation facilities operation at arenas, pools, and fitness centres. Students explore a wide range of applied business practices that impact the delivery of recreation services, including human resource management, business analysis, and the legislative and regulatory requirements behind the operation of recreation facilities. Students participate in field trips to various recreation facilities to explore new trends and innovative practices in the field.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

RECR 1195 (3 CREDITS) (3:1:0)
Special Topics I
This course is reserved for recreation courses that may be offered from time to time by: a) College recreation faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting recreation lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

RECR 1270 (3 CREDITS) (2:0:2)
Applied Skills in Recreation Operations
Students examine and analyze recreation facility operations from risk-management, public-safety, and financial perspectives. They develop the technical skills and knowledge to prepare training documents, analyze basic operational budgets and procurement contracts, and supervise staff in the operations of a recreation facility. Students participate in field trips to various recreation facilities to examine and critique trends and practices in the field.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

RECR 2260 (3 CREDITS) (3:1:2)
The Arts and Heritage in Recreation
Recreation professionals are increasingly required to hold an expanded knowledge on how to program arts, culture, and heritage engagement in community life. Through guest speakers' presentations, field trips, and hands-on art encounters, students develop an understanding of the values associated with arts, culture, and heritage in recreation. They apply this understanding by developing activities, such as facilitating a creative activity for a community group, participating in creating a community cultural development legacy artwork, and critically investigating community art/culture/heritage events in order to examine relationships and responsibilities of recreation organizations, to develop and facilitate these types of events.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

RECR 2288 (3 CREDITS) (0:2:6)
Personal Portfolio Development and Seminar
Students explore the concepts and methods of reflective practice and self-directed learning within the context of recreation. They examine their own and others' personal and professional experiences and take part in personal strategic planning and professional development activities for their future. Students develop self-directed learning plans and acquire certifications or volunteer experiences to enhance their portfolio and skill set for a career in the recreation field. Graded S/U.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

RECR 2295 (3 CREDITS) (3:1:0)

Special Topics II

This course is reserved for recreation courses that may be offered from time to time by: a) College recreation faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting recreation lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

RECR 2361 (3 CREDITS) (3:1:2)

Applied Leadership in Recreation Organizations

Students explore key concepts, skills, and issues as they apply to effective leadership in recreation organizations. Students develop skills in self-leadership, decision-making, group dynamics, supervision, and teamwork.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

Prerequisite(s): A minimum "C-" grade in RECR 1160.

RECR 2388 (3 CREDITS) (0:1:5)

Internship Orientation and Portfolio Development

In preparation for their spring recreation internship, students participate in a comprehensive orientation. Students are introduced to the duties, responsibilities, and assignments they will complete throughout their 14-week internship. Students also investigate, assess, interview for, and secure an internship placement. In addition, students develop self-directed learning plans and acquire new certifications or volunteer experiences to enhance their portfolios and skill set for a career in the recreation field. Graded S/U.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

Prerequisite(s): An "S" grade in RECR 2288. This course must be taken in the term (fall semester) prior to the internship course.

RECR 2395 (3 CREDITS) (1:3:0)

Recreation & Aging

Recreation and culture play a critical role in assisting people to live healthier, happier, and more meaningful lives as they age. Students learn about the benefits that older people derive from participating in recreation and culture and the risks of not staying physically and cognitively active and socially connected. Throughout the course, students explore a combination of theories and practices. Students are presented with experiential learning opportunities, including guest speakers, field trips to community-based organizations, and case studies. Students identify and assess a variety of recreation programs and services for a diverse population of older adults and they investigate how recreation and cultural programming for older adults creates welcoming and accessible communities.

Priority registration in this course is offered to students admitted to the Diploma in Gerontology and Certificate in Social Service Worker (Gerontology).

RECR 2470 (3 CREDITS) (1:6:2)

Recreation Issues and Trends

Students use a problem-based learning approach to investigate current trends and issues in the field of recreation. Students investigate various research techniques and apply them in order to analyze and address contemporary issues in recreation settings.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

Prerequisite(s): A minimum "C-" grade in RECR 1160.

RECR 2487 (12 CREDITS) (0:7:21)

Recreation Internship

In this full-time work-integrated learning experience, students practice their theoretical and practical skills under supervision in a 14-week work term at a recreation agency. Students complete practical work assignments, engage in academic reflection, and report on their research and learnings. Students integrate and reflect on their educational, personal, and professional experiences during the internship and seminars. Graded S/U.

Students will receive credit for only one of RECR 2487 or 2497.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and the Diploma in Recreation Leadership.

Prerequisite(s): A minimum "C" grade in all 1000 and 2000 level Recreation courses (or an "S" grade in courses graded S/U).

If missing three credits in one non-RECR course, a student must contact the department chair, in writing, requesting to register in either RECR 2487 or 2497.

RECR 2497 (12 CREDITS) (0:7:21)

Diploma Reflective Practicum in the Workplace

This course is designed to help currently employed, full-time recreation practitioners who have a minimum of five years direct experience as a programmer (or equivalent level) become more intentional and more effective in their professional practice. Key concepts in the course include experiential learning, reflective practice, and the analysis of action theories. Learners will relate these concepts to their own workplaces with the help of a faculty supervisor and with the support of their employer. The course will take place at each learner's workplace. Students must judge their time to accommodate weekly communication with their faculty advisory and to write weekly reports about their on-site learning and research. A major term paper is also required. Prospective students must apply to the department for permission to take this course. Contact the recreation co-ordinator for more information. Graded S/U.

Students will receive credit for only one of RECR 2487 or 2497.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and Diploma in Recreation Leadership.

Prerequisite(s): A minimum "C" grade in all 1000 and 2000 level Recreation courses (or an "S" grade in courses graded S/U).

If missing three credits in one non-RECR course, a student must contact the department chair, in writing, requesting to register in either RECR 2487 or 2497.

RECR 3120 (3 CREDITS) (2:1:1)

Promoting Wellness within Communities

Students investigate the role recreation practitioners play in the development of wellness in individuals, organizations, and communities. Students assess their own wellness and create personal plans for behavioural changes to contribute to a balanced lifestyle. Building on this personal experience, students research and analyze wellness in organizations and communities to make informed recommendations for improving organizational and community wellness.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and Diploma in Recreation Leadership.

Prerequisite(s): Completion of a minimum of 60 credits including a minimum "C" grade in six credits of university-transferable English or communications; or permission of the department.

RECR 3160 (3 CREDITS) (3:1:0)

Leisure Theory and Applications

The recreation field has a rich history of theory and practice. In this course, students examine the advanced foundations of leisure theory and recreation practice. Students explore key topics within the history, psychology, philosophy, and sociology of leisure, and they consider their implications in the field of recreation.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and Diploma in Recreation Leadership.

Prerequisite(s): Completion of a minimum of 60 credits including a minimum "C" grade in six credits of university-transferable English or communications; and a minimum "C" grade in RECR 1160; or permission of the department.

RECR 3200 (3 CREDITS) (2:1:1)

Management of Community Events and Festivals

Using community development and project management approaches, students plan, organize, deliver, and evaluate a community event. They create an event manual that documents all functional areas of the event planning, delivery, and evaluation.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and Diploma in Recreation Leadership.

Prerequisite(s): Completion of a minimum of 60 credits including a minimum "C" grade in six credits of university-transferable English or communications; or permission of the department.

RECR 3230 (3 CREDITS) (3:1:0)

Leadership and Management in Community Recreation

Students examine the theory and practice of enthusiastic, respectful, effective leadership in recreation. Students analyze concepts and skills that can enhance positive change in groups, teams, and organizations. Students also examine self-awareness, values, diversity, and creativity as they apply to their own leadership and leadership in the field of recreation.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and Diploma in Recreation Leadership.

Prerequisite(s): Completion of a minimum of 60 credits including a minimum "C" grade in six credits of university-transferable English or communications; and a minimum "C" grade in RECR 1160; or permission of the department.

RECR 3260 (3 CREDITS) (3:1:0)

Managing Cultural Programming in the Community

Responding to the increase of arts and culture programming in the field of recreation, it is important for recreation professionals to hold a theoretical understanding for community cultural development (CCD) from community assessment, to funding models. In this class, students develop necessary arts administration skills by creating a CCD project proposal that addresses a need of a specific community group, develops partnership relations, and identifies the artist(s), culminating in the writing of a municipal cultural grant to support this proposal. Students examine and analyze collaborative community engagement with local, regional and global points of view to expand their understanding on how to grow civic arts programming.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and Diploma in Recreation Leadership.

Prerequisite(s): Completion of a minimum of 60 credits including a minimum "C" grade in six credits of university-transferable English or communications; and a minimum "C" grade in RECR 1160; or permission of the department.

RECR 4150 (3 CREDITS) (3:1:0)

Community Recreation Systems

Students investigate and analyze recreation systems in a chosen community, ranging from health to local tourism. Using systems theory as a framework and best practices research, students explore recreation-related systems and compare and contrast them to recreation systems in other communities. Researching factors such as demographics, values, cultures, and economics, students analyze recreation systems and recommend the feasibility of incorporating alternate recreation systems and relationships into their chosen community.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and Diploma in Recreation Leadership.

Prerequisite(s): Completion of a minimum of 60 credits including a minimum "C" grade in six credits of university-transferable English or communications; and a minimum "C" grade in RECR 1160; or permission of the department.

RECR 4160 (3 CREDITS) (2:2:0)

Professionalism in Recreation Management

Students investigate key aspects of professionalism in the management of recreation. Students explore the characteristics of human services professionals and then apply those characteristics to the practice of recreation leadership. Using contemporary, recreation-based case studies, and building on foundational principles of the field, students develop a framework for professional thinking and ethical decision-making.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and Diploma in Recreation Leadership.

Prerequisite(s): Completion of a minimum of 60 credits including a minimum "C" grade in six credits of university-transferable English or communications; and a minimum "C" grade in RECR 1160; or permission of the department.

RECR 4270 (3 CREDITS) (3:1:0)

Management of Recreation Facility Systems

Students analyze the planning process for recreation facilities including designing a needs assessment plan, interpreting needs assessment data, and exploring the impacts of organizational governance on facility resources. They apply evaluative tools to measure the performance of a recreation facility, create a business case to justify facility enhancements, and recommend strategies to mitigate the effects of service disruptions caused by facility maintenance/upgrades.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and Diploma in Recreation Leadership.

Prerequisite(s): Completion of a minimum of 60 credits including a minimum "C" grade in six credits of university-transferable English or communications; and a minimum "C" grade in RECR 1160; or permission of the department.

RECR 4400 (6 CREDITS) (4:12:0)

Applied Major Project

In this capstone course, students complete a community recreation-based project in an organization. Students work closely with assigned instructors who supervise the projects, provide advice, and evaluate students' performance. Through this course, students will link their academic studies to real-world applications. Students create their own research question and partner with a private, public, or not-for-profit recreation organization to explore the question using primary and secondary research. Students develop and demonstrate skills in the area of academics, self-directed learning, project management, communication, social interaction, methods of applied research, ethical decision-making, and professionalism. In this capstone course, students have the opportunity to apply the concepts, skills, and techniques developed in previous coursework.

Students will receive credit for only one of RECR 4300 or 4400.

Registration in this course is restricted to students admitted to the Bachelor of Recreation Management and Diploma in Recreation Leadership.

Prerequisite(s): Completion of a minimum of 105 credits including a minimum "C" grade in six credits of university-transferable English or communications; and a minimum "C" grade in RECR 1160 and 3160. Students must be in the final semester of the program.

Religious Studies (RELS)

RELS 1110 (3 CREDITS) (3:1:0)

Studying the Religions of the World

An introduction to the study of religion emphasizing the breadth of religious belief and practice in the contemporary world. Major themes, such as ritual, belief, ethics and community, and religion and culture are discussed.

RELS 1220 (3 CREDITS) (3:1:0)

Religions of the West

This is an introductory survey course of the West's three primary religions: Judaism, Christianity, and Islam. This course examines the historical and social development of these religions and the various experiences of each. We will also consider modern issues and events such as the Holocaust; women, gays, lesbians, and the Church. In other words, the course addresses both historical and contemporary factors that have impacted these faiths.

RELS 1230 (3 CREDITS) (3:1:0)

The Evolution of Early Christian Thought and Spirituality

An enquiry into the cultural roots of western Christian civilization focusing on its Jewish, Greek, Roman, and Persian antecedents and its evolution during the first four centuries of our era. Attention is given to present day issues such as biblical criticism as well as Third World political and economic factors challenging traditional beliefs. Special focus is given to Jesus the Jew and to the problem of anti-Semitism in the early church.

RELS 2210 (3 CREDITS) (3:1:0)

Religions Studied in Context

This course explores religions as living traditions through field research in religious sites and with religious groups using a highly interdisciplinary interpretation of field data. The course is intended to complement the historical, textual, or comparative approach of the other courses in religious studies at Langara College.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 2250, RELS 1110, 1120, 1210, 1215, 1220, or 1230.

Science (SCIE)

SCIE 1113 (4 CREDITS) (3:2:0)

Intensive Science Literacy

All scientists today must be scientifically literate in order to explain, defend, promote, and analyze the strengths and limitations of science in society. Students in this course develop scientific literacy as they learn to peer review, write, and defend a solid scientific thesis that is supported by their analysis of scientific papers from relevant peer reviewed data. Through active participation, students develop oral and written communications skills important in communicating the wonders and limitations of today's scientific knowledge. The course structure includes student-developed evidence worksheets to analyze the scientific research presented and to contribute to calibrated peer reviews and scientific argumentative essay to support up to three theses focused on scientifically relevant topics to society. This course meets the same learning objectives of SCIE 1114 but is intended for science students who need less support to meet these learning objectives. This course is restricted to students admitted to science programs.

Students will receive credit for only one of SCIE 1113 or 1114.

Registration in this course is restricted to students admitted to the following programs: Associate of Arts Degree in Health Science, Associate of Arts Degree in Mathematics, Associate of Science Degree (general program and all majors), Diploma in Arts and Science (in Faculty of Science), Diploma in Computer Studies, Diploma in General Education (in Faculty of Science), Diploma in Kinesiology, Certificate in Arts and Science (Engineering), or Certificate in Internet and Web Technology.

Prerequisite(s): One of the following: a minimum "B" grade in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; IELTS 7; or LET 3 (or LPI equivalent).

SCIE 1114 (4 CREDITS) (3:3:0)

Science Literacy

All scientists today must be scientifically literate in order to explain, defend, promote, and analyze the strengths and limitations of science in society. Students in this course develop scientific literacy as they learn to peer review, write, and defend a solid scientific thesis that is supported by their analysis of scientific papers from relevant peer reviewed data. Through active participation, students develop oral and written communications skills important in communicating the wonders and limitations of today's scientific knowledge. The course structure includes student-developed evidence worksheets to analyze the scientific research presented and to contribute to calibrated peer reviews and scientific argumentative essay to support up to three theses focused on scientifically relevant topics to society. This course meets the same learning objectives of SCIE 1113 but is intended for science students who need extra support to meet these learning objectives. This course is restricted to students admitted to science programs.

Students will receive credit for only one of SCIE 1113 or 1114.

Registration in this course is restricted to students admitted to the following programs: Associate of Arts Degree in Health Science, Associate of Arts Degree in Mathematics, Associate of Science Degree (general program and all majors), Diploma in Arts and Science (in Faculty of Science), Diploma in Computer Studies, Diploma in General Education (in Faculty of Science), Diploma in Kinesiology, Certificate in Arts and Science (Engineering), or Certificate in Internet and Web Technology.

Prerequisite(s): One of the following: a minimum "C" grade in English First Peoples 12, English Studies 12, Literary Studies 12, or equivalent; IELTS 6.5 (with a minimum score of 6 in each area: listening, reading, writing, and speaking); or LET 2 (or LPI equivalent).

Social Service Worker (SSRV)

The following social service worker courses, except SSRV 2000 and 2001, are restricted to students admitted to the Social Service Worker program unless otherwise noted in the Registration Guide and Course Schedule.

SSRV 1115 (3 CREDITS) (3:1:0)
History and Philosophy of Social Work
A historical study of social problems, concepts, and trends in Britain, Canada, and the United States. Emphasis is on the changing methods employed to meet changing social needs. The profession's Code of Ethics is studied.

SSRV 1116 (2 CREDITS) (2:2:0)
Social Service Methods I
A study of the concepts and basic principles of working with people in a helping relationship, including interpersonal skills and self care.

SSRV 1117 (3 CREDITS) (3:1:0)
Social Problems
A study of special family and community problems, including areas such as poverty, diversity, and structural disadvantage.

SSRV 1118 (3 CREDITS) (4:0:0)
Community Practice Skills
This course will introduce students to some concepts of community organizing related to social service work. It will focus on interventions and practice skills that impact change at the community level.

SSRV 1119 (3 CREDITS) (3:1:0)
Social Service Methods II
Building on the concepts of Social Service Methods I (SSRV 1116), this course will emphasize the mastery of practical skills and their application to the helping relationship.

SSRV 1120 (3 CREDITS) (2:0:1)
Social Policy
A job-oriented study of legislation and social policies in the areas of income security, mental health, health and family services.

SSRV 1121 (3 CREDITS) (3:1:0)
Family in Society
A study of the family as a unit in society. The growth and development stages, expanding and contracting family with emphasis on the changing roles and structure of families.

SSRV 1131 (1 CREDIT) (0:0:5)
Social Service Field Work I
Students have the opportunity to spend five hours a week in a practicum placement at a designated social service community agency under the supervision of an agency field supervisor. Through this experience, students develop and practice professional behaviours and learn how particular agencies meet the needs of their client populations. Graded S/U.

SSRV 1132 (1 CREDIT) (4:0:4)
Integrated Experiential Learning I
Through a combination of visits to community agencies and public institutions, guest speakers, classroom sessions, and group activities, students will become familiar with various aspects of human service delivery and the social context in which those services are delivered.

SSRV 1219 (2 CREDITS) (2:2:0)
Responding to Trauma
Students explore the nature and scope of trauma and post-traumatic stress as they relate to problem areas such as child maltreatment, intimate partner violence, addiction, and suicide ideation, and examine specific interventions within a trauma informed practice framework.

SSRV 1230 (2 CREDITS) (0:5:0)
Social Service Field Work II
Formerly SSRV 1231
This is a continuation of the five hours per week practicum placement. Drawing upon the knowledge and training gained in previous courses, students continue to work under the supervision of an agency field supervisor in order to identify the needs of particular client populations and describe how a particular agency meets those needs. Students further develop professional relationships with agency staff and clients and engage in service delivery.

Students will receive credit for only one of SSRV 1230 and 1233; or 1231.

Registration in this course is restricted to students admitted to the Certificate in Social Service Worker.

Prerequisite(s): An "S" grade in SSRV 1131.

SSRV 1232 (1 CREDIT) (4:0:4)
Integrated Experiential Learning II
Building on the concepts of Integrated Experiential Learning (SSRV 1132), students will focus on additional human service sectors.

SSRV 1233 (3 CREDITS) (0:35:0)
Social Service Field Work III
Formerly SSRV 1231
After the completion of the social service worker core curriculum, students integrate and apply the knowledge, values, and skills they gained in the program during a five-week, full-time block placement in a social service agency setting. The practicum provides students with the opportunity to work under the supervision of an agency field supervisor in order to learn how the needs of a particular client population are met by a specific agency. Students develop deeper professional relationships with agency staff and clients and take greater responsibility for carrying out specific social service functions at their assigned agency.

Note: Practicum placements are not guaranteed. Students who have not successfully completed the core courses of the Diploma in Social Service Worker will not be permitted to undertake the practicum.

Students will receive credit for only one of SSRV 1230 and 1233; or 1231.

Registration in this course is restricted to students admitted to the Certificate in Social Service Worker.

Prerequisite(s): A minimum "C-" grade in SSRV 1131 and 1230 (SSRV 1230 may be taken concurrently).

SSRV 2000 (3 CREDITS) (4:0:0)

Introduction to Social Welfare in Canada

This course will introduce students to the role that social work and allied professions play in the ameliorating of the social welfare conditions that affect people and communities. Through course assignments, students will be able to relate the contexts of their own experience to the social contexts of disadvantaged people.

Prerequisite(s): One of the following: LET 3 (or LPI equivalent); a minimum "C+" grade in English First Peoples 12, English Studies 12, or Literary Studies 12; a minimum "C" grade in one of the following: CMNS 1118, ENGL 1120, 1123, 1127, or 1128; or an "S" grade in ENGL 1107, 1108, or 1110.

SSRV 2001 (3 CREDITS) (4:0:0)

Introduction to Social Work Practice

While learning about the practice of social work students in this course will have the opportunity to explore a variety of areas of practice within the Canadian context. They will explore the role of a social worker and develop an appreciation of how a helping professional can affect people's lives. They will also be introduced to the ethical underpinnings of the profession.

Prerequisite(s): One of the following: LET 3 (or LPI equivalent); a minimum "C+" grade in English First Peoples 12, English Studies 12, or Literary Studies 12; a minimum "C" grade in one of the following: CMNS 1118, ENGL 1120, 1123, 1127, or 1128; or an "S" grade in ENGL 1107, 1108, or 1110. It is recommended that students complete SSRV 2000, Introduction to Social Welfare in Canada.

Sociology (SOCI)

SOCI 1120, 1121, 1122, 1123, 1126, 1127, and 1130 can be taken in any order.

SOCI 1110 (0 CREDITS) (0:1:0)

Sociology and Aboriginal Perspectives

A non-credit course for Aboriginal students who wish to discuss sociology as it relates to current Aboriginal Peoples' issues. Course content and format to be established at the first session of each semester. Weekly one hour seminar. Not offered every semester.

Prerequisite(s): Requires previous or concurrent registration in a sociology course or permission from department.

SOCI 1120 (3 CREDITS) (3:1:0)

Introduction to Sociology: Models and Concepts

What is the social world and our place in it? Students examine a wide range of concepts, theories, and issues that shape reciprocal relationships between society and the individual. Subjects may include culture, socialization, social interaction, groups and organizations, sexuality and society, mass media, deviance and crime, and forms of social inequality such as global and class stratification, and race and ethnic relations.

Note: SOCI 1120 and 1121 may be taken in any order, or concurrently, as they are complementary first-year courses.

SOCI 1121 (3 CREDITS) (3:1:0)

Introduction to Sociology: Structures and Processes

What is the role of the individual in society and how does society influence the lives of individuals? Students explore a wide range of concepts, theories, and issues that shape reciprocal relationships between society and the individual. Subjects may include gender stratification, race and ethnicity, aging and the elderly, the economy, politics and government, the family, education, health and medicine, population, urbanization, the environment, and social movements.

Note: SOCI 1120 and 1121 may be taken in any order, or concurrently, as they are complementary first-year courses.

SOCI 1123 (3 CREDITS) (3:1:0)

Animals and Society

This course is an introduction to human-animal relations. It focuses on the impact that non-human animals have had on human societies and the impact that humans have had on the lives of animals. Topics may include the social construction of animals; the human domestication of animals; animal issues in politics and law; the role of animals in science, commerce, and sport; companion animals; and animal cruelty and abuse.

SOCI 1126 (3 CREDITS) (3:1:0)

Introduction to Environmental Sociology

An introduction to central sociological concepts and theories through the use of environmental examples. Students will gain a deeper understanding of the environment as a social issue, how environmental issues come to be constructed, the social structural and cultural origins of environmental problems, and how these problems can be understood in terms of the sociological perspective.

SOCI 1127 (3 CREDITS) (3:1:0)

Social Problems

An examination of social structures and processes involving problems in personal and institutional adjustments. Topics include crime and delinquency, familial disruption, emotional disturbance, prejudice and discrimination, joblessness, poverty, and institutional conflict in Canadian society.

SOCI 1130 (3 CREDITS) (3:1:0)

Sociology and Aboriginal Peoples' Issues

A sociological introduction to the Aboriginal life experience and the formation of Canadian society. This course examines the place of Aboriginal Peoples in the structure of Canadian society including such topics as social inequality, education, health care, housing, criminal justice, work, and the political order.

SOCI 1135 (3 CREDITS) (4:0:0)

Sociology of Drug Prohibition

Humans have always used substances for medicine, ceremony, performance, and mind-altering purposes. In this course, students explore substance use from historical and sociological perspectives, as well as the ways that racism and colonialism have shaped modern drug policy. Students examine responses to the toxic drug crisis, including harm reduction and drug user social movements.

SOCI 1195 (3 CREDITS) (4:0:0)

Special Topics

This number is reserved for sociology courses that may be offered from time to time by: a) College sociology faculty who may wish to present a course in their specialty which may be of limited interest; or b) visiting sociology lecturers.

SOCI 1666 (3 CREDITS) (3:1:0)

The Culture of Capitalism: A Fist Full of Dollars

Students learn about the sociology of the economy, as they examine the development of global capitalism from a sociological perspective. Students use the theoretical lenses based in the tradition of alternative economic theoretical systems exploring capitalist production, supply and demand, economic fluctuations, and capital accumulation. Students develop critical thinking and synthesis skills, particularly through the application of theoretical insights about the nature of capitalist institutions.

SOCI 1888 (3 CREDITS) (3:1:0)

Games and Culture: all your base are belong to us

Students examine gaming from a sociological perspective, exploring how games are situated within a larger cultural context. Students examine gaming through sports, board games, and video games using various perspectives like race, gender, and classic ludic theory. Students analyse real world gaming by applying sociological perspectives to real world situations.

SOCI 2200 (3 CREDITS) (3:1:0)

Introduction to Social Theory

Students are introduced to major areas of social theory. They explore important perspectives, key concepts and thinkers, and the sociological influences which fueled the emergence of changing understandings of society. The course will also be of interest to students in a number of different social science disciplines (other than just sociology).

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2205 (3 CREDITS) (3:1:0)

Sociology of Deviance

Most people would not consider themselves as deviants as they would assume it refers to criminal behaviour. However, the fact is that everyone is a deviant in some way because deviance is both relative and socially constructed. Students examine sociological theories of deviance, focusing on their application to contemporary issues such as the relationship between crime and deviance and gender inequality, racism, and class discrimination. In addition, students explore areas such as sexual deviance, sociopathy, and crimes of power with a focus on understanding their role and impact on both the individual and society.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2210 (3 CREDITS) (3:1:0)

Racism and Ethnic Relations

An introduction to the social processes involved in understanding racial and ethnic minority/majority group relations in Canada and around the world.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2222 (3 CREDITS) (3:1:0)

Social Change and Globalization

An investigation of the sociological problems, theories, and ideas concerned with understanding and explaining social change. Various factors influencing social change in the contemporary global context will be examined.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2223 (3 CREDITS) (3:1:0)

Industrialization

The process of industrialization, the work force, the scale of society, consensus in society, and world-wide industrialization.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2225 (3 CREDITS) (3:1:0)

Crime, Punishment, and the Penal System

Crime and punishment seem to be a constant in contemporary society, but few people understand the philosophical and historical processes that created our current system of justice and penality. In this course, students explore both classical and modern theories and research to understand the development of our contemporary penal system, and then use this knowledge to conduct an in-depth sociological analysis of the current Canadian penal and justice system.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2230 (3 CREDITS) (3:1:0)

Research Methods in Sociology and Anthropology

How do sociologists and anthropologists gather the data that informs our understanding of the social world? Students examine the distinctive quantitative and qualitative approaches used in sociological and anthropological research. Students learn the practical application of research design and data collection techniques by conducting and presenting their own research projects.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2250 (3 CREDITS) (3:1:0)

The Sociology of the Family

A sociological analysis of the family including sex roles, children's rights, adoption and identity, marriage, divorce, socialization, and change in both historical communities and modern industrial societies.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2260 (3 CREDITS) (3:1:0)

Sociology of Popular Culture

This course will investigate role of popular culture in everyday life from a variety of sociological perspectives. It will examine how 'popular' culture differs from other cultural forms, and the ways in which it is bound up with larger social and cultural processes.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2270 (3 CREDITS) (4:0:0)

Urban Sociology

Urban sociologists study the impacts and consequences of urbanization on individuals, groups, and the environment. The goal of this course is to introduce students to the study of contemporary urban environments from a sociological perspective. Students acquire the foundational knowledge, research, and writing skills to observe, analyze, and connect critical urban issues to broader sociological theories on social life, groups, class, space, environment, community, and individual experiences. Topics may include the design and development of the modern city, urban cultures and lifestyles, the experience of social life in the city, housing, urban inequalities, art and aesthetics, community building, movement and mobility, migration and integration, transportation in the city, social and ecological sustainability, and a variety of other consequences of urbanization.

Prerequisite(s): A minimum "C-" grade in SOCI 1120 or 1121.

SOCI 4860 (3 CREDITS) (3:1:0)

Introduction to Sociology: Models and Concepts

Sociology provides tools to understand our own lives and society, as well as distant ones. Students are introduced to models and concepts sociologists use to think about society in terms of its maintenance and construction through everyday social interactions. Subjects that may be explored include culture and its effects; socialization; mass media; how gender is constructed and its influences; social inequality; world-views and life-choices; sexuality and society; and crime and deviance.

Students will receive credit for only one of SOCI 1120 or 4860. SOCI 1120 may not be used to satisfy the SOCI 4860 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Certificate in Diversity and Inclusion Leadership.

Spanish (SPAN)

Students with previous knowledge of Spanish should consult with the department for suitable placement. Students with a minimum "C" grade in a Spanish course cannot repeat the same course without departmental permission.

NOTE

Not all Spanish courses may be offered every semester.

SPAN 1115 (3 CREDITS) (3:0:1)

Beginner's Spanish I

Beginner's courses in oral and written language; a prerequisite to the concentrated study of Spanish. Introductory courses for students who have no previous knowledge of Spanish.

SPAN 1205 (3 CREDITS) (3:0:1)

Spanish Conversational Skills

A first year course designed to teach students to "think on their feet" by means of activities emphasizing speaking and listening skills. Native speakers of Spanish not admitted.

Prerequisite(s): A minimum "C+" grade in SPAN 1115 or 1118 (or equivalent) (may be taken after or concurrently with SPAN 1215, 1218, 2119, or 2219).

SPAN 1215 (3 CREDITS) (3:0:1)

Beginner's Spanish II

Beginner's courses in oral and written language; a prerequisite to the concentrated study of Spanish. Introductory courses for students who have no previous knowledge of Spanish.

Prerequisite(s): A minimum "C-" grade in SPAN 1115.

SPAN 2119 (3 CREDITS) (3:0:1)

Intermediate Spanish I

Oral and written practise including grammar review and composition; the reading of selected authors in the Spanish language.

A student who has attended secondary school in Spanish speaking country may not register in any first or second year Spanish course without permission of the department.

Prerequisite(s): Grade 12 Spanish; or a minimum "C+" grade in SPAN 1215 or 1218. May not be taken concurrently with SPAN 1118.

SPAN 2219 (3 CREDITS) (3:0:1)

Intermediate Spanish II

Oral and written practise including grammar review and composition; the reading of selected authors in the Spanish language.

A student who has attended secondary school in Spanish speaking country may not register in any first or second year Spanish course without permission of the department.

Prerequisite(s): A minimum "C-" grade in SPAN 2119. May not be taken concurrently with SPAN 1218.

Statistics (STAT)

For more detailed information about the Department of Statistics & Data Analytics, including course outlines and advice on course selection, please visit our department webpage.

DUPLICATE COURSES

In some cases, different courses cover substantially the same material but are targeted to different audiences. Credit cannot be given for more than one such course or sequence. In particular, students may obtain College credit for at most one of STAT 1123, 1124, or 1181. Students may not obtain College credit for more than one of STAT 1224, 2225, 3222, or 3223.

UNIVERSITY-TRANSFER COMMERCE AND BUSINESS ADMINISTRATION

Students wishing to enter the business/commerce programs at UBC are strongly advised to take the STAT 1181 and 2225 sequence for their statistics requirement (along with MATH 2310). Students planning to enter the business program at SFU are strongly advised to take STAT 1181 and the STAT 1182 online one-credit course.

PREREQUISITES

Prerequisites for courses in statistics are valid for only three years. Students wanting to register in a course for which the prerequisite was taken more than three years ago will require departmental permission. Students may be required to write a diagnostic test or to "upgrade" the prerequisite.

REPEATING A COURSE

A statistics course may be taken only twice, regardless of the grade earned in the first enrolment. The department chair, or delegate, will decide on exceptions to this rule, usually on the basis of documented evidence of upgraded prerequisites. Contact the advisor for information.

DIAGNOSTIC TESTS

The Statistics Diagnostic Test is designed to assess background knowledge of students who wish to take STAT 1124 and who do not have an appropriate prerequisite from within the previous five years. Students wishing to take STAT 1123 or 1181 do not need to write the test. The Statistics Diagnostic Test and the Mathematics Diagnostic Test are written at the same location and time. Sample questions, a schedule of when the tests can be written for the upcoming term, and information about registering for the tests, are available on the College website.

Note:

Listed below are the official calendar course descriptions. For further information, please contact the Department of Statistics & Data Analytics.

STAT 1100 (3 CREDITS) (3:0:1)

Introduction to Data Science

Our next generation lives in a data-driven society and needs to be equipped with the knowledge and skills to keep up with the rapidly evolving digital world. In this hands-on introductory course, students learn about and practice data ethics, data wrangling, data classification, regression, clustering, supervised learning, and data visualization. Course assessments require students to apply data science techniques and workflows to real-world situations using industry-standard software.

The choice of programming language will be decided by the instructor. Contact the Department of Statistics & Data Analytics (statadvisor@langara.ca) for more details.

Note: It is recommended that students have access to a current laptop computer. More details of the specifications will be discussed on the first day of class.

Prerequisite(s): One of the following: A minimum "C+" grade in Precalculus 12; a minimum "C-" grade in MATH 1152; or MDT 075. Prerequisites are valid for only three years.

STAT 1123 (3 CREDITS) (3:0:1)

Basic Probability and Statistics for Business

Probability and statistics play a big role in everyday life and in the business world. In this introductory course, students learn data collection, analysis, presentation of data, probability, sampling distributions, estimation of parameters, hypothesis testing, regression, and tests for categorical data.

Students will receive college credit for only one of STAT 1123, 1124, or 1181.

Prerequisite(s): None, but a minimum "C" grade in Precalculus 11 (or equivalent) is strongly recommended. Prerequisites are valid for only three years.

STAT 1124 (3 CREDITS) (3:0:1)

Statistical Methods I

An introductory course in statistics developed through the concept of randomness for students in social sciences, nursing, social work, physiotherapy, business, etc. Topics will include sampling, experimental design, levels of measurement, descriptive statistics, regression, sampling distributions, normal distribution and inferential procedures of estimation and hypothesis testing. This course may be followed by STAT 1224.

Students will receive college credit for only one of STAT 1123, 1124, or 1181.

Prerequisite(s): One of the following: a minimum "C" grade in Foundations of Mathematics 11, Precalculus 11, Foundations of Mathematics 12, or Precalculus 12; an "S" grade in MATH 1150; or SDT 053. Prerequisites are valid for only three years.

STAT 1181 (3 CREDITS) (3:0:1)

Descriptive and Elementary Inferential Statistics

A first course in probability and statistics including introduction to probability, descriptive statistics, regression, correlation, contingency tables, sampling distributions, estimation, hypothesis testing. This course may be followed by STAT 2225 or 2281.

Students will receive college credit for only one of STAT 1123, 1124, or 1181.

Prerequisite(s): A minimum "C-" grade in one of the following: MATH 1153, 1171, 1173, 1174, 1175, or equivalent (all may be taken concurrently). Prerequisites are valid for only three years.

STAT 1182 (1 CREDIT) (1:0:2)

Using Excel in First-Term Statistics

This is an online course in which students who have already learned statistics can now learn to use Excel to carry out the usual first-term statistical graphs, calculations, and analysis.

Prerequisite(s): A minimum "C-" grade in STAT 1123, 1124, or 1181; or permission of department. Prerequisites are valid for only three years.

STAT 2225 (3 CREDITS) (3:0:1)

Intermediate Statistical Inference

This continuation of STAT 1181 for students who want a deeper treatment of the techniques and theory of data analysis. A brief review of probability and elementary inference will be followed by two-sample inferences, regression and correlation, multiple regression, design considerations, analysis of variance, and non-parametric tests.

Students will receive college credit for only one of STAT 1224, 2225, 3222, 3223, or 4810.

Prerequisite(s): A minimum "A" grade in STAT 1124 or 1127; or a minimum "C-" grade in STAT 1181. Prerequisites are valid for only three years.

STAT 2281 (3 CREDITS) (4:0:0)

Probability and Elementary Mathematical Statistics

Probability, conditional probability, random variables, moments and moment generating functions, discrete distributions including the binomial, hypergeometric and Poisson distributions, continuous distributions including the exponential, uniform, Chi-square, Beta, and Normal Distributions, Central Limit Theorem, applications to statistics including sampling, model building, and hypotheses testing.

Prior exposure to a course like STAT 1181 is recommended.

Prerequisite(s): A minimum "C-" grade in one of the following: MATH 1271, 1273, 1274, or 1275. Prerequisites are valid for only three years.

STAT 3222 (3 CREDITS) (3:0:1)

Intermediate Applied Statistics for Business

Topics in this course include one and two sample statistical inference; Simple Regression; Multiple Regression; Chi-Square Test for Association, and Decision Theory. Students will learn to use software to carry out the data analysis taught in this course.

Students will receive college credit for only one of STAT 1224, 2225, 3222, 3223, or 4810.

Prerequisite(s): A minimum "C" grade in STAT 1123, 1124, or 1181. Prerequisites are valid for only three years.

STAT 3223 (3 CREDITS) (4:0:0)

Intermediate Quantitative Methods

Topics in this course include one and two population statistical inference; simple linear regression; multiple regression; index numbers and time series analysis; statistical decision theory; and linear programming. This course is intended primarily for students in a college business administration degree program.

Students will receive college credit for only one of STAT 1224, 2225, 3222, 3223, or 4810.

Prerequisite(s): A minimum "C+" grade in STAT 1123 or 1124; or a minimum "C" grade in STAT 1181. BCAP 1200, CPSC 1000, 1010, or equivalent is strongly recommended.

STAT 3225 (4 CREDITS) (3:0:1)

Statistical Methods for Biological and Health Sciences

Students learn how to use statistical methods for analyzing data from the biological and health sciences. The programming language R and R Commander is used for statistical computing including data manipulation, data analysis and graphical display of data. Topics covered in this course include: observational and experimental studies, parametric and nonparametric statistical methods, analysis of contingency tables, analysis of variance, multiple linear regression, and logistic regression. Students are required to complete a term data analysis project using statistical methods and software presented in this course.

Priority registration in this course is offered to students admitted to the Bachelor of Science in Bioinformatics.

Prerequisite(s): A minimum "C-" grade in STAT 1181 and 2281.

STAT 4800 (3 CREDITS) (4:0:0)

Business Statistics

This course includes the following: collection, classification, analysis, and presentation of numerical data; measures of location and variability; probability; random samples and sampling distributions; estimation of parameters; testing hypotheses; regression; and index numbers.

Students may receive credit for only one of STAT 1123 or 4800. STAT 1123 may not be used to satisfy the STAT 4800 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting, Business Administration, and Marketing Management.

STAT 4810 (3 CREDITS) (4:0:0)

Intermediate Quantitative Methods

Topics in this course include one and two population statistical inference; simple linear regression; multiple regression; index numbers and time series analysis; statistical decision theory; and linear programming. This course is intended primarily for students in a college business administration degree program.

Students will receive credit for only one of STAT 1224, 1225, 2225, 2322, 3222, 3223, or 4810. STAT 3223 may not be used to satisfy the STAT 4810 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Prerequisite(s): A minimum "C+" grade in STAT 4800.

Theatre Arts (THEA)

The following theatre arts courses are restricted to students admitted to the Diploma in Theatre Arts at Studio 58.

THEA 1110 (3 CREDITS) (0:1:6)
Acting I
Introduction to the basic principles of acting through improvisation and script work. Concentration. Freeing the imagination. Developing a rehearsal process. Integration of the voice and body. Elementary scene work. Identification of and work on individual acting problems.

THEA 1120 (3 CREDITS) (0:1:5)
Movement I
Body awareness and alignment. Tension release. Flexibility. Stamina. Agility. Some dance techniques.

THEA 1130 (3 CREDITS) (0:1:5)
Voice I
Freeing the voice. Work on breath support, relaxing vocal channel, range, resonance, diction and text. Connecting voice to body.

THEA 1140 (3 CREDITS) (1:1:4)
Theatre Skills I
Introduction to the etiquette and organization of professional theatre. Basics of set, costume and prop design and construction. Introduction to lighting design and set up. Assignments comprised of backstage work and front-of-house on Studio 58 productions.

THEA 1150 (3 CREDITS) (3:0:1)
CAD for Theatre Production
In this hands-on course, students are introduced to Computer Aided Drafting (CAD) using Vectorworks software. Through exercises and projects, students learn effective techniques and applications of 2D drafting and 3D digital modeling, including drawing and modeling tools, file management and organization, workflow, and conventions as they relate to drafting and orthographic projection views, to make plans and documentation packages.

Registration in this course is restricted to students admitted to the Diploma in Theatre Arts at Studio 58 (Theatre Production).

THEA 1210 (3 CREDITS) (0:1:6)
Acting II
Introduction to the basic principles of acting through improvisation and script work. Concentration. Freeing the imagination. Developing a rehearsal process. Integration of the voice and body. Elementary scene work. Identification of and work on individual acting problems.

THEA 1220 (3 CREDITS) (0:1:5)
Movement II
Body awareness and alignment. Tension release. Flexibility. Stamina. Agility. Some dance techniques.

THEA 1230 (3 CREDITS) (0:1:5)
Voice II
Freeing the voice. Work on breath support, relaxing vocal channel, range, resonance, diction and text. Connecting voice to body.

THEA 1240 (3 CREDITS) (1:1:4)
Theatre Skills II
Introduction to the etiquette and organization of professional theatre. Basics of set, costume and prop design and construction. Introduction to lighting design and set up. Assignments comprised of backstage work and front-of-house on Studio 58 productions.

THEA 1250 (3 CREDITS) (3:0:1)
Set Design I
In this hands-on course, students are introduced to the process of theatrical and stage design. Through a combination of presentations, exercises, and projects, students learn to employ strategies to effectively analyze and develop design ideas for the stage from conception to presentation.

Registration in this course is restricted to students admitted to the Diploma in Theatre Arts at Studio 58 (Theatre Production).

THEA 2110 (5 CREDITS) (0:1:9)
Acting III
Continuation of developing rehearsal skills and creative potential. Work in various periods and styles. Advanced scene work. Preparation of audition material.

THEA 2120 (3 CREDITS) (0:1:5)
Movement III
Movement skills such as mime, mask, tap dancing, period dance and continued work on body integration with text.

THEA 2130 (4 CREDITS) (0:1:5)
Voice III
Voice techniques including singing, some dialect work, speaking verse, diction, building a vocal warm-up. Application of vocal skills to acting and performance.

THEA 2140 (3 CREDITS) (0:1:5)
Theatre Skills III
Experiential education in stage management and production, including heading a crew, running a crew, and backstage and rehearsal etiquette. Basic playwriting techniques are also covered.

THEA 2160 (6 CREDITS) (6:0:2)
Production Skills Foundation
Formerly THEA 2150
Students are introduced to conceptual and technical skills essential to the production theatre practice. Students engage in directed studies developing production skills while working as part of backstage crews of Studio 58 productions.

Registration in this course is restricted to students admitted to the Diploma in Theatre Arts at Studio 58 (Theatre Production).

Prerequisite(s): A minimum "C" grade in all of the following: THEA 1110, 1120, 1130, and 1140.

THEA 2210 (5 CREDITS) (0:1:9)
Acting IV
Continuation of developing rehearsal skills and creative potential. Work in various periods and styles. Advanced scene work. Preparation of audition material.

THEA 2220 (3 CREDITS) (0:1:5)
Movement IV
Movement skills such as mime, mask, tap dancing, period dance, and continued work on body integration with text.

THEA 2230 (3 CREDITS) (0:1:5)
Voice IV
Voice techniques including singing, some dialect work, speaking verse, diction, building a vocal warm-up. Application of vocal skills to acting and performance.

THEA 2240 (4 CREDITS) (0:1:9)
Theatre Skills IV
THEA 2240 will focus on collaborative writing and production of a one hour play to be publicly performed. Students will design the set, properties and costumes and create the lighting, sound, and video required. Backstage and rehearsal etiquette will also be covered.

THEA 2260 (9 CREDITS) (12:0:12)
Production Skills Development
Formerly THEA 2250
Students are introduced to the theatrical design disciplines of costume, props, lighting, sound, and projection design, as well as furthering their studies of production theatre practice. Through a directed studies component, students develop production skills while working as part of backstage crews of Studio 58 productions.

Registration in this course is restricted to students admitted to the Diploma in Theatre Arts at Studio 58 (Theatre Production).

Prerequisite(s): A minimum "B-" grade in THEA 2160.

THEA 2360 (15 CREDITS) (15:0:25)
Production Skills Practice
Formerly THEA 2300
Students are introduced to stage management while advancing their studies in the theatrical design disciplines of costume, props, lighting, sound and projection, and production theatre practice. Through directed studies, students further develop production skills while working as part of backstage crews of Studio 58 productions.

Students will receive credit for only one of THEA 2300 or 2360.

Registration in this course is restricted to students admitted to the Diploma in Theatre Arts at Studio 58 (Theatre Production).

Prerequisite(s): A minimum "B-" grade in THEA 2260.

THEA 3150 (15 CREDITS) (0:0:40)
Advanced Performance Skills I
Development of advanced acting skills through public performances at Studio 58 and through work with professional companies. Continuing work on advanced vocal and movement skills. Acting for film/TV is included. Audition techniques for film, television and theatre are developed. Also covered is how to market oneself as a theatre artist.

THEA 3250 (15 CREDITS) (0:0:40)
Advanced Performance Skills II
Continuation of Advanced Performance Skills I.

THEA 3460 (15 CREDITS) (12:0:28)
Production Skills Advanced Practice I
In advanced applied studies, students are guided through the process of assuming a leadership role in the production team (stage management and/or design team), as well as furthering their studies in production theatre practice through work placement opportunities.

Registration in this course is restricted to students admitted to the Diploma in Theatre Arts at Studio 58 (Theatre Production).

Prerequisite(s): A minimum "B-" grade in THEA 2360.

THEA 3560 (15 CREDITS) (12:0:28)
Production Skills Advanced Practice II
Furthering their advanced applied studies, students are guided through the process of assuming a leadership role in the production team (stage management and/or design team), as well as furthering their studies of production theatre practice through work placement opportunities.

Registration in this course is restricted to students admitted to the Diploma in Theatre Arts at Studio 58 (Theatre Production).

Prerequisite(s): A minimum "B-" grade in THEA 3460.

Web and Mobile App Design and Development (WMDD)

WMDD 4800 (3 CREDITS) (3:0:2)
Graphic Design for Web
The principles of design and design theories are explored. Design elements and methodology are identified and utilized in a variety of iterative group and individual projects. The role of colour theory and typography will be applied to solve design problems. Stylistic movements will be examined to build a foundation for design decisions.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): Acceptance into the Post-Degree Diploma in Web and Mobile App Design and Development; or department permission.

WMDD 4811 (3 CREDITS) (3:0:2)
Graphics Techniques Fundamentals
Students use tools and techniques to create raster and vector graphics for online delivery. Students create high-quality graphics according to technical requirements for web and mobile use, including user interface components, icons, and illustrations.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

WMDD 4815 (3 CREDITS) (3:0:2)
HTML/CSS I
Students study the fundamentals of HTML and CSS: learning to code designs that incorporate graphics, grid systems, and modern typographic approaches. They create responsive websites that adapt to any device they are viewed on.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): Acceptance into the Post-Degree Diploma in Web and Mobile App Design and Development; or department permission.

WMDD 4820 (3 CREDITS) (3:0:2)

Introduction to Web Programming

Introduction to programming with a modern programming language (e.g. JavaScript) in a web-based environment. Program development skills including: analyzing a problem to make it amenable to programming; writing structured, modularized programs; program documentation; interacting with the computer operating system; event driven programming for client-side web applications.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): Admission to the Post-Degree Diploma in Web and Mobile App Design and Development; or department permission.

WMDD 4825 (3 CREDITS) (3:0:2)

Introduction to User Experience Design

The principles of user experience (UX) design will be explored and utilized. Information architecture, user research, interaction design, usability testing, wireframes, prototyping, and evaluation concepts are examined in this course.

Prerequisite(s): Acceptance into the Post-Degree Diploma in Web and Mobile App Design and Development or department permission.

WMDD 4835 (3 CREDITS) (3:0:2)

HTML/CSS II

Students further develop the skills learned in WMDD 4815: HTML/CSS I. They incorporate current production methods such as JavaScript and programmatic CSS logic into their authoring practice. Most importantly students develop the ability to use emerging methods to create interactive and accessible web pages.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4811, 4815, and 4820.

WMDD 4840 (3 CREDITS) (2:0:3)

Content Management Systems

Students will build, design, and manage common content management systems, including writing content, customizing themes, installing security patches, updates, modules, and themes.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4815 and 4820.

WMDD 4850 (3 CREDITS) (3:0:2)

Advanced Typography

Students learn about typography at an advanced level through a combination of hands-on projects, research, and the evaluation of typography as a core element of web and app design. Students explore the subtleties of type in relation to audience, page structure, and personal style.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4800 and 4815.

WMDD 4855 (3 CREDITS) (3:0:2)

Web Programming II

Students further develop their web programming skills to create medium to complex web and mobile software running in a web browser on multiple platforms and form factors. To accomplish this, students apply an object oriented approach to software design and programming, modern software development tools, best practices, and workflow.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development (Developer Stream).

Prerequisite(s): A minimum "C" grade in WMDD 4820.

WMDD 4860 (3 CREDITS) (4:0:0)

Communications for Web and Mobile Designers

Students will be introduced to fundamental principles of communications including audience analysis, purpose identification, and elements of tone and style. Working individually and in teams, students will learn to apply persuasive techniques in pitching ideas both in writing and orally. In addition they will learn and practice strategies for providing effective feedback tactfully and constructively.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development or with department permission.

WMDD 4885 (3 CREDITS) (3:0:2)

Integrated Project

Students design and develop an application in response to a real-world problem or need, while learning about and implementing principles of project management. Specifically, students initiate a project, organize a team, assess risk, estimate costs, schedule work, and monitor progress. Students learn the fundamentals of traditional and agile project management methods in addition to common software tools used for project management. Through the project, students demonstrate an integration of technical skill and knowledge, professional competencies, and development/execution strategies drawn from work in other courses in the program.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in all of the following: WMDD 4800, 4811, 4815, 4820, and 4825.

WMDD 4900 (3 CREDITS) (3:0:2)

Advanced Graphics Design

Design theories and principles will be further developed through application of process and technique. Existing design solutions will be deconstructed and analyzed. Students will apply advanced typography techniques for web and mobile applications. Software and techniques to create and modify 3D graphics will be introduced.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4850.

WMDD 4905 (3 CREDITS) (2:0:3)

3D Design and Prototyping

Creating usable prototypes is vital to producing a marketable product. Students examine UX design objectives as they relate to objects. Coursework includes applying 3D modelling skills to visualize design and rapidly prototype objects as well as taking an existing piece of technology or an idea for a new product to produce, critique and evaluate a potentially marketable product.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4825.

WMDD 4910 (3 CREDITS) (3:0:2)

Advanced Graphics Techniques

Designers not only need to be fluent with individual raster and vector technologies, but also need to be able to integrate both into a project, knowing where to draw upon the strengths of each. Students will apply tools and techniques to create complex graphics and combine vector and raster graphics to build interface components.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4811 and 4900.

WMDD 4915 (3 CREDITS) (3:0:2)

Audio/Video Production

Designers need the skills to build multimedia components such as video, audio, soundtracks, and dynamic graphics for delivery to developers for mobile or web apps. Students create multimedia content for marketing/communication strategies and to support supplied UX criteria. Topics include storytelling with audio and video components in context to delivery within a web or mobile application environment, and the use of audio and video capture and editing techniques.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4900.

WMDD 4921 (3 CREDITS) (3:0:2)

Introduction to Database Technologies

Formerly WMDD 4920

Developers working in industry must contend with multiple database types and technologies. In this class, students are introduced to the fundamentals of relational and non-relational databases. Students write SQL statements as well as NoSQL programs to create and access databases. Students work on database projects as part of the data persistence layer to their web and mobile applications.

Students will receive credit for only one of WMDD 4920 or 4921.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4855.

WMDD 4925 (3 CREDITS) (3:0:2)

Advanced User Experience Design

A continuation of the Introduction to User Experience course. In-depth examination of human abilities (mental models, cognitive resources, and sensory processing). Building functional prototypes and evaluating them using a wide variety of methods, including observations, interviews, questionnaires, and videos.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4825.

WMDD 4930 (3 CREDITS) (3:0:2)

Object-Oriented Design and Programming

Continues from Object-Oriented Analysis and Design into the programming phase. Implements the fundamental concepts of programming from an object-oriented (OO) perspective: abstraction; objects; classes and class hierarchies; methods; parameter passing; encapsulation and information hiding; inheritance; polymorphism. Application of simple container/collection classes; event-driven programming and GUI; exception handling. Emphasizes good software engineering principles using a language that supports the OO paradigm (e.g. Java or Swift).

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4855.

WMDD 4936 (3 CREDITS) (3:0:2)

Full-Stack Web Development

Formerly WMDD 4935

Students are introduced to server-side and client-side programming languages and frameworks for implementing dynamic websites and applications. Students work with form data and data validation, integration with backend databases, and client-side application frameworks.

Students will receive credit for only one of WMDD 4935 or 4936.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4835, 4840, and 4855. WMDD 4921 may be taken concurrently.

WMDD 4940 (3 CREDITS) (3:0:2)

Native Android App Development

Currently, Android and iOS are the two most popular operating systems on mobile devices. Students focus on creating apps for the Android platform. Topics include implementation of activities, coding intents, use of audio/visual assets, testing and deployment, as well as other APIs beyond the core, such as camera, location, and sensors.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4930.

WMDD 4945 (3 CREDITS) (3:0:2)

Native iOS App Development

Currently, iOS and Android are the two most popular operating systems on mobile devices. Coursework focusses on the Swift programming language and creation of apps for the iOS platform. Topics include building storyboards, implementing actions, using audio/visual assets, testing and deployment.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4930.

WMDD 4950 (3 CREDITS) (3:0:2)

Security and Cloud and Server Administration

Most websites and many mobile apps require some type of customized backend; that is, hardware and software hosted on a server that ultimately serves up the content to the user. Students install and configure a Linux server along with services for websites and mobile apps. Topics include network and Internet infrastructure, including configuration tools, and cloud-based server management. Security will be emphasized and applied throughout.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4921 and 4936.

WMDD 4961 (3 CREDITS) (3:0:0)

Industry and Business Strategies

Students examine the software industry from the perspective of an entrepreneur who develops websites and mobile applications. Students explore all facets of the business side of creative technologies, from developing a new audience, and building a business plan, to building and managing an effective marketing strategy. This exploration sets students up to develop an entrepreneurial mindset for working in the evolving technology and start-up market, demonstrating their proficiency with not only technical skills but also basic business, presentation, and networking skills.

Note: This project course is only intended for students who are enrolled in or who have completed the required support courses. Students who have not registered in all the support courses for their project term will be required to drop the course. For Designer stream students, the support courses are: WMDD 4900, 4905, and 4925. For Developer stream students, the support courses are: WMDD 4921, 4930, and 4936.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4860.

WMDD 4970 (3 CREDITS) (3:0:2)

Game Design Foundations

Through understanding what motivates people, and what they consider "fun," designers are able to create more engaging web apps and interactions. Students learn the basics and mechanics of the game design process. The principles learned in this course apply to web and app design and any interactive project. Students learn the fundamentals of game design through a combination of hands-on projects, research, and the analysis of different types of games using these principles.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4900 and 4925.

WMDD 4980 (3 CREDITS) (2:0:3)

Project II

Students will design and develop an application in response to a real world problem or need. The project requires students to demonstrate an integration of technical skill and knowledge, professional competencies, and development/execution strategies drawn from work in other courses in the program.

Note: This project course is only intended for students who are enrolled in or who have completed the required support courses. Students who have not registered in all the support courses for their project term will be required to drop the course. For designer stream students, the support courses are: WMDD 4860, 4900, and 4925. For developer stream students, the support courses are: WMDD 4860, 4921, and 4936.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4885.

WMDD 4985 (3 CREDITS) (2:0:3)

Capstone Project

Students will design and develop an application in response to a real world problem or need. The capstone project requires students to demonstrate an integration of technical skill and knowledge, professional competencies, and development/execution strategies drawn from work in other courses in the program.

Note: This project course is only intended for students who are enrolled in or who have completed the required support courses. Students who have not registered in all the support courses for their project term will be required to drop the course. For designer stream students, the support courses are: WMDD 4910, 4915, and 4970. For developer stream students, the support courses are: WMDD 4940, 4945, and 4950.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development.

Prerequisite(s): A minimum "C" grade in WMDD 4980.

WMDD 4997 (3 CREDITS) (3:0:2)

Advanced Topics for Web and Mobile Designers

In a dynamic industry such as web and mobile app development, designers must stay current with new technologies, specializations, and trends. Students will engage in current, "hot issues" in industry, reflecting the specific expertise and interest of the instructor, guest lecturers, and consideration of students' professional goals.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development (Designer Stream).

Prerequisite(s): A minimum "C" grade in all of the following: WMDD 4900, 4905, 4925, 4961, and 4980.

WMDD 4998 (3 CREDITS) (3:0:2)

Advanced Topics for Web and Mobile Developers

In a dynamic industry such as web and mobile app development, developers must stay current with new technologies, specializations, and trends. Students will engage in current, "hot issues" in industry, reflecting the specific expertise and interest of the instructor, guest lecturers, and consideration of students' professional goals.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Web and Mobile App Design and Development (Developer Stream).

Prerequisite(s): A minimum "C" grade in all of the following: WMDD 4921, 4930, 4936, 4961, and 4980.

Women's Studies (WMST)

WMST 1105 (0 CREDITS) (2:0:0)

Lecture Series

This is a non-credit, non-fee course consisting of a series of lectures and/or films on women's issues. A minimum of four lectures will be offered during the semester. Requirement for the Diploma in Arts and Science (Women's Studies).

WMST 1116 (3 CREDITS) (3:1:0)

Investigating Women's Realities: An Introduction

An introduction to critical thinking about the lives of women. Through the lens of comparative theories and diverse perspectives, this course examines links and connections between personal and collective experiences - in the home, in the body, and on the street. Using an interdisciplinary and participatory approach, students will make sense of historical patterns and movements for social change.

WMST 1195 (3 CREDITS) (3:1:0)

Special Topics I

This number is reserved for Women's Studies courses that may be offered from time to time by: a) College women's studies faculty who may wish to present a special interest course in their field of expertise; or b) visiting women's studies lecturers.

Prerequisite(s): Will be announced in the Registration Guide and Course Schedule.

WMST 1216 (3 CREDITS) (3:1:0)

Exploring Women's Lives: An Introduction

An introduction to naming and analyzing women's life experiences. Students will explore topics relevant to women's everyday lives such as body image, work, and family, to develop a critical awareness of what limits and expands experiences, locally and globally, yesterday and today. This course considers how gender is constructed across age, class, race/ethnicity, and sexuality. It pulls from a variety of disciplines and uses a popular education approach to shed light on issues and strategies for change.

WMST 1116 and 1216 can be taken in any order.

WMST 1220 (3 CREDITS) (4:0:0)

Women and Health

This course will examine the construction of women's health from a global perspective. Students will have the opportunity to develop critical skills for exploring issues that inform women's health in Canada and in other countries throughout the world.

WMST 1230 (3 CREDITS) (3:1:0)

Women and Popular Culture

This course examines women's many different relationships to contemporary popular culture focusing on media such as film, television, music, magazines, popular events and trends, fan culture, and communication technologies. The course uses cultural studies and feminist theories to explore what is meant by 'pop culture' and to reflect on constructions of gender, race, class, sexuality and ability. Students will also explore how social movements, spectators, producers, and media activists resist stereotypes and create alternatives.

WMST 2270 (3 CREDITS) (3:1:0)

Gender Currents: Femininity, Masculinity, and Beyond

"Is it a boy or a girl?" This course explores the multiple meanings behind this seemingly simple question. It introduces students to critiques of the gender binary and theoretical perspectives from feminist, masculinity, queer, and transgender studies. Students will gain fluency in themes such as gender performativity; biological essentialism and heteronormativity; the queering of gender identities; transgender insights into embodiment and self-representation; and the intersections between gender, class, race, and sexuality. The course also explores rich traditions of activism in both mainstream and nonconforming communities: the role of political and cultural actors in "stirring the gender pot" at home, work, and play.

Prerequisite(s): A minimum "C-" grade in WMST 1116 or 1216.

WMST 2272 (3 CREDITS) (3:0:0)

Women and Social Change

This interdisciplinary course will focus on feminist theories and strategies for creating social change, concentrating on women's movements in Canada within an international context. A university transfer course.

Prerequisite(s): A minimum "C-" grade in WMST 1116 or 1216 (preferably both).

WMST 2274 (3 CREDITS) (3:0:0)

Women and Sexuality

This course will blend perspectives from several disciplines to examine the social forces and ideologies that have prescribed women's sexuality, and will analyze significant contemporary issues that have an impact on women's sexuality. A university transfer course.

Prerequisite(s): A minimum "C-" grade in WMST 1116 or 1216 (preferably both).

Work Integrated Learning Experience (WILX)

WILX 1101 (1 CREDIT) (CONTACT HOURS VARY)

International Work/Volunteer Experience Internship I

During this course, students participate in an international internship of up to two weeks. The internship involves observing and exploring an international professional environment with an intercultural and land-based learning focus. Students practice intercultural communication and engagement skills in an international work/volunteer environment.

This course may be offered in-person or online.

Students are required to apply for this course through Langara's Co-op & Career Development Centre. This course is not equivalent to other co-op options at the College.

There may be additional student costs associated with this course (e.g. some travel expenses).

Application does not guarantee acceptance to the course. Interested students should contact the Langara Co-op & Career Development Centre for more information.

WILX 1102 (3 CREDITS) (CONTACT HOURS VARY)

International Work/Volunteer Experience Internship II

Students participate in an eight to twelve week (minimum 300 hours) international work/volunteer internship. During the internship, students observe and explore an international professional environment with an intercultural and land-based learning focus. Students practice intercultural communication and engagement skills while participating in an international work/volunteer environment.

This course may be offered in-person or online.

Students are required to apply for this course through Langara's Co-op & Career Development Centre. This course is not equivalent to other co-op options at the College.

There may be additional student costs associated with this course (e.g. some travel expenses).

Application does not guarantee acceptance to the course. Interested students should contact the Langara Co-op & Career Development Centre for more information.

WILX 1103 (3 CREDITS) (CONTACT HOURS VARY)

International Work/Volunteer Experience Internship III

This course is meant for students who have completed an international internship in WILX 1102, and have an opportunity to continue that internship for a further eight to fourteen weeks to gain more understanding and deepen their learning. During the internship, students observe and explore an international professional environment with an intercultural and land-based learning focus. Students practice intercultural communication and engagement skills while observing and participating in an international work/volunteer environment.

This course may be offered in-person or online.

Students are required to apply for this course through Langara's Co-op & Career Development Centre. This course is not equivalent to other co-op options at the College.

There may be additional student costs associated with this course (e.g. some travel expenses).

Application does not guarantee acceptance to the course. Interested students should contact the Langara Co-op & Career Development Centre for more information.

Prerequisites: A minimum "D" grade in WILX 1102.

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