College Calendar

SUMMER 2019

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College Calendar

SUMMER 2019

CONTACT INFORMATION

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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

SUMMER SEMESTER 2019 (201920) MAY-AUGUST

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

Jun 1:	Last day to withdraw from May-Jun half-semester courses.
Jun 29:	Last day to withdraw from regular semester courses.
Jul 20:	Last day to withdraw from Jun-Aug half-semester courses. To withdraw from a Jun-Aug half-semester course, you must go to the Registrar & Enrolment Services office.

Mar 25:	Summer Semester 2019. Registration begins.
Apr 19:	College closed. Good Friday.
Apr 22:	College closed. Easter Monday.
Apr 23:	FEE PAYMENT DEADLINE for Summer Semester 2019.
May 5:	Last day to drop regular semester and May–Jun half-semester courses for a 100% tuition fee refund.[2]
May 6:	First day of classes for regular semester and May–June half-semester courses.
May 8:	Last day to drop May–Jun half-semester courses for a 70% tuition fee refund.[2]
May 12:	Last day to add courses without instructor permission.
May 12:	Last day to drop regular semester courses for a 70% tuition fee refund.[2]
May 13:	First day for withdrawals for regular semester and May–Jun half-semester courses.[3]
May 14:	Interest and late payment charges will begin to be applied to outstanding accounts.
May 20:	Victoria Day. College closed.
Jun 1:	**Last day to withdraw from May–Jun half-semester courses.**[3]
Jun 15:	Last day of classes for May–Jun half-semester courses.
Jun 17–18:	Final examinations for May–Jun half-semester courses.
Jun 19:	Last day to drop Jun–Aug half-semester courses for a 100% tuition fee refund.[2]
Jun 20:	First day of classes for Jun–Aug half-semester courses.
Jun 20:	Last day to add Jun–Aug half-semester courses.
Jun 22:	Last day to drop Jun–Aug half-semester courses for a 70% tuition fee refund.[2]
Jun 23:	First day for withdrawals from Jun–Aug half-semester courses.[3]
Jun 24:	Fall Semester 2019 registration commences.
Jun 29:	**Last day to withdraw from regular semester courses.**[3]
Jul 1:	Canada Day. College closed.
Jul 20:	**Last day to withdraw from Jun–Aug half-semester courses.**[3]
Aug 3:	Last day of classes for regular semester courses and Jun–Aug half-semester courses.
Aug 5:	BC Day. College closed.
Aug 6–17:	Final examinations for regular semester courses and Jun–Aug half-semester courses.
Aug 31:	Last day of Semester.

FALL SEMESTER 2019 (201890) 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

Sep 28:	Last day to withdraw from Sept–Oct half-semester courses.
Oct 26:	Last day to withdraw from regular semester courses.
Nov 16:	Last day to withdraw from Oct–Dec half-semester courses. To withdraw from a 2nd half-semester course, you must go to the Registrar & Enrolment Services office.

Jun 24:	Fall Semester 2018 registration begins.
Aug 16:	FEE PAYMENT DEADLINE for Fall Semester 2019.
Sept 2:	Labour Day. College closed. Last day to drop regular semester and Sept–Oct half-semester courses for a 100% tuition fee refund.[2]
Sept 3:	First day of classes for regular semester courses and Sept–Oct half-semester courses.
Sept 5:	Last day to drop Sept–Oct half-semester courses for a 70% tuition fee refund.[2]
Sept 9:	Last day to add courses without instructor permission. Last day to drop regular semester courses for a 70% tuition fee refund.[2]
Sept 10:	First day for withdrawals for regular semester and Sept–Oct half-semester courses.[3]
Sept 11:	Interest and late payment charges will begin to be applied to outstanding accounts.
Sep 28:	**Last day to withdraw from Sept–Oct half-semester courses.**[3]
Oct 11:	Last day of classes for Sept–Oct half-semester courses.
Oct 14:	Thanksgiving Day. College closed.
Oct 15–16:	Final examinations for Sept–Oct half-semester courses.
Oct 17:	Last day to drop Oct–Dec half-semester courses for a 100% tuition fee refund.[2]
Oct 18:	First day of classes for Oct–Dec half-semester courses. Last day to add Oct–Dec half-semester courses.
Oct 20:	Last day to drop Oct–Dec half-semester courses for a 70% tuition fee refund.[2]
Oct 21:	First day for withdrawals from Oct–Dec half-semester courses.[3]
Oct 26:	**Last day to withdraw from regular semester courses.**[3]
Nov 11:	Remembrance Day. College closed.
Nov 16:	**Last day to withdraw from Oct–Dec half-semester courses.**[3]
Nov 18:	Spring Semester 2020 registration commences. Check the Spring 2020 Registration Guide and Course Schedule online for more information.
Dec 2:	Last day of classes for regular semester courses and Oct–Dec half-semester courses.
Dec 4–16:	Final examinations for regular semester courses and Oct–Dec half-semester courses.
Dec 24–31:	Winter Break. College closed.
Dec 31:	Last day of the Fall Semester.

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. All refunds are less any non-refundable and/or non-transferable fees.
3. Students who do not want to continue in a course must withdraw from the course and will not receive a refund. A "W" grade will appear beside the course on their transcript.

Langara College

MISSION

Langara College provides accessible undergraduate education opportunities that meet the needs of our diverse community. We offer a variety of programs and services focused on university, career, and continuing studies at an undergraduate level.

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.

Langara College Continuing Studies, established in 1997 and honoured for excellence in 2002 by the Learning Resources Network (LERN), an international association of lifelong learning, continues to enjoy tremendous growth and success.

In the early 1990s, a Facility Master Planning exercise clearly outlined that the College was being utilized at a rate that exceeded Ministry standards. In January 1997, a new classroom and office building was opened to address the space needs on the campus, and in September 2007, the new library/classroom building opened its doors.

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 career 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 certificate programs focusing on personal or professional development or English language proficiency.

AFFILIATION

Langara is a member of the Association of Canadian Community Colleges.

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 career 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 two-month 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 career programs require enrolment in three semesters per year.

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. Part-time study is defined as fewer than nine credits. Please refer to the Financial Aid section of the Langara College Calendar regarding eligibility requirements that may include alternative definitions.

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.

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 courses fully online as well as mixed mode. Mixed mode courses are a combination of on-campus and online instruction.

CONVOCATION

Although students can complete their requirements for a Langara credential in any semester, convocation occurs only once per year in June. Students must apply to graduate. Further information is available in the Graduation section of this calendar and on the College website.

COURSE LOAD, MAXIMUM

The usual maximum course load for most programs in the Faculties of Arts, Faculty of Social Sciences & Community Programs, and Faculty of Management is 16 credit hours per semester. In the Faculty of Science and Faulty of Nursing, the usual 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

Langara Continuing Studies offers a rich and diverse range of lifelong learning opportunities. Whether you want to improve business know-how, acquire language skills, enhance a career path, expand individual creativity, or develop a more holistic approach to personal well-being, we offer over 800 courses and 40 certificate programs.

For more information visit www.langara.ca/cs or contact 604.323.5322.

Admission Information

GENERAL REQUIREMENTS

1. **Citizenship Status**
   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 residence status.
2. **International Students**
   International students may be accepted at the College on a cost-recovery basis. Please refer to the international student information in this calendar.
3. **English Language Proficiency**
   Students must possess a level of English proficiency sufficient to support studies at Langara.

LANGUAGE REQUIREMENTS

Langara English Test (LET) OR Language Proficiency Index (LPI)

Students planning to enrol in a first-semester English or Communications course or certain Biology, Economics, or Philosophy courses must take the Langara English Test (LET) or BC Language Proficiency Index Test (LPI) prior to the semester in which they plan to register. Application forms are available at the Langara Counselling department. Students who have at least 80% in BC English 12 (with provincial exam), BC English Literature 12, English First Peoples 12 or equivalent, are not required to write the LET or LPI. Please refer to prerequisite information in the program and course descriptions sections of this calendar.

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.

ADMISSION REQUIREMENTS

ACADEMIC REQUIREMENTS

Regular Academic Admission

The academic requirements for admission to Langara are:

- 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 A.B.E. (Adult Basic Education) or G.E.D. (General Educational Development) program.

Conditional Admission

BC secondary school students who are under 19 years of age who will not graduate from secondary school because they are missing only one course AND are registered in the missing course may apply for conditional admission.

To be considered for conditional admission, students must submit an Appeal for Admission and Re-admission form and ensure that the following information is received by Registrar & Enrolment Services:

1. Students must have completed the online PSI Selections form and indicated that their transcript be sent electronically to Langara AND their PEN must be on file at the College. An official Ministry of Education paper transcript must be submitted if grades are not received electronically.
2. Students must submit an interim transcript of the course that they are completing with a grade of at least 60%.

Students who have registered for Langara courses before their final secondary school grades arrive, must complete the Appeal for Admission and Re-Admission form and submit the necessary documentation in order to maintain their course registration. For the September 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 three credits of study 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 years.

Students wanting to apply under this category of admission must submit:

1. An application for admission, co-signed by a parent or legal guardian;
2. A letter of support from their secondary school principal or delegate; and
3. An official copy of their final transcript of their Grade 11 year and a copy of any interim transcripts of their Grade 12 year.

Appeals for admission and re-admission are accepted at Registrar & Enrolment Services up to one week before the first day of classes.

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 department. Students transferring between institutions in British Columbia may refer to the BC Transfer Guide at www.bctransferguide.ca.

Transfer To Langara College

Upon request, 60% of Langara diploma, certificate, associate degree, and bachelor degree program requirements may be transferred from another recognized post-secondary institution. These credits must have been completed within the first 60% of the program. 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. The deadline for transfer credit required to meet prerequisite requirements is ten weeks before the semester begins; the deadline for transfer credit required to meet graduation requirements is the first day of February or the following Monday, if February 1st falls on a weekend. Students who need the credit only to meet prerequisite requirements may go to the appropriate department with an official transcript for a prerequisite override. Students with an acceptable post-secondary English or Communications course may apply at Registrar & Enrolment Services for a Langara English Test (LET) or a Language Proficiency Index (LPI) exemption. Official transcripts are required.

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 Registrar & Enrolment Services of 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 in accordance with its own policies and regulations. Students may also refer to the BC Transfer Guide at www.bctransferguide.ca. Students planning to transfer should discuss their plans with a Langara counsellor.

Prior Learning, Flexible Assessment and Recognition

Langara values students and the learning they have acquired through non-formal education, work, and life experiences. Prior Learning, Flexible Assessment and Recognition (PLFAR) is a way that such learning may be assessed for college credit. Langara has implemented a PLFAR service for its students. Opportunities for PLFAR are dependent upon the resources available to support the process, and therefore, may only be available from time to time. Students are advised to check with the relevant department to confirm whether PLFAR is available within the department.

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

Records of academic performance at Langara are retained indefinitely. Materials supporting admission may be destroyed after the first registration. Before submitting irreplaceable material to support an application, students are advised to check with Registrar & Enrolment Services.

All admissions materials will be destroyed after one year if the student does not register into courses.

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 the purposes of 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 U.S. 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 (Arts and Science Programs)	
Semester	**Applications Open**
Summer Semester 2019 (May 2019)	June 1, 2018
Fall Semester 2019 (September 2019)	October 1, 2018
Spring Semester 2020 (January 2020)	February 1, 2019
Summer Semester 2020 (May 2020)	June 1, 2019

HOW TO APPLY

Students may apply to Langara via the College website, in person, or by mail.

APPLICATION DATES

Students should apply early as their registration date is determined by their date of application.

International Students - Please refer to International Education Admissions (pg. 10).

NEW STUDENTS

To be considered for admission, students must submit an application form, a non-refundable application fee, and all supporting documents (official copies only) 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 make application to Langara eleven months prior to 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 (scanned documents and photocopies are not accepted).

NOTE:

All transcripts and supporting documents submitted with an application for admission become the property of Langara and are under no circumstances returned to the applicant. Exceptions may be made for irreplaceable documents providing the student informs Registrar & Enrolment Services upon submission of the documents that the documents cannot be replaced.

BC Secondary School students currently in Grade 12 may have their records sent electronically to Langara by the Ministry of Education. Students must request this by completing the online Post-Secondary Institutions Selections form and provide their BC Personal Education Number on their application for admission to Langara. No further action is necessary. If students do not have their grades forwarded electronically, they must provide an official transcript from the Ministry of Education to Registrar & Enrolment Services as soon as it is available.

If a student wishes to register in a course that has a prerequisite and she has completed the prerequisite at another institution (secondary or post-secondary), she must request that this information be put on her Langara record at least ten weeks in advance of her registration date. For transfer credit information, visit the College website.

For secondary school prerequisites (if the student is not a current BC secondary school student), students must submit an official secondary school transcript. 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.

A unique nine-digit Langara ID number is assigned to each student. This ID number is required for registration and must be noted on all documents and correspondence submitted to the College. Once a student has registered for courses, this number must be used in all transactions with the College.

REACTIVATION OF APPLICATION

If students apply to the Arts and Science 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 dates 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 re-activating within three semesters following the first semester for which they applied.

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

RETURNING STUDENTS

Arts and Science students who have previously registered at Langara and who have a Langara academic record are not required to re-apply for admission to the Arts and Science program. 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 on registration.

Application for Admission

CAREER PROGRAMS AND ARTS AND SCIENCE LIMITED ENROLMENT PROGRAMS

Application Dates	
Semester	**Applications Open**
Summer Semester 2019 (May 2019)	June 1, 2018
Fall Semester 2019 (September 2019)	October 1, 2018
Spring Semester 2020 (January 2020)	February 1, 2019
Summer Semester 2020 (May 2020)	June 1, 2019

Important Note: Programs may fill quickly. Students are advised to apply early. For admissions updates, refer to the College website.

HOW TO APPLY

Students may apply to Langara via the College website, in person, or by mail. Applications to some Career programs require that students complete a supplemental application form that is specific to the program.

For program admission requirements, refer to the descriptions of specific programs on the College website. Submit applications for admission along with all supporting documents (official copies only) to Admissions, Registrar & Enrolment Services.

Career program and arts and science limited enrolment program students who satisfy the criteria for admission to the program will be admitted on a first-come, first-served basis, except as noted in the program admission requirements. Langara may deny admission to those 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 an arts and science, career, or arts and science 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 career or limited enrolment program, particularly if they wish to register for arts and science courses in the event they are not admitted to a career program.

APPLICATION DATES

Applications are accepted during the eleven-month period immediately preceding the program start date. All applications received prior to this period will be returned. Some programs have set application deadlines so make sure to consult the Admission Requirements section on the college website for your program of interest.

Students are normally selected four months prior to the program start date. Thereafter, students may be considered if seats are available. Applicants should contact the department chair for the department's timeline for the selection process.

APPLICATION REQUIREMENTS

1. Secondary school graduation is normally required for admission to career 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 program listings for detailed admission requirements.
2. Students currently in BC Grade 12, who satisfy admission requirements, may be considered for conditional acceptance based on mid-term marks. Final acceptance is subject to confirmation of graduation.
3. 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 under no circumstances returned to the applicant. Exceptions may be made for irreplaceable documents, providing Registrar & Enrolment Services is informed upon submission of the documents that the documents cannot be replaced.

BC secondary school students currently in Grade 12 may have their records sent electronically to Langara by the Ministry of Education. Students must request this by completing the online Post-Secondary Institutions Selections Form and provide their BC Personal Education Number on their application for admission to Langara. No further action is necessary. Students must provide an official transcript from the Ministry of Education to Registrar & Enrolment Services as soon as it is available if they have not asked the Ministry to forward the grades electronically.

If a student wishes to register in a course that has a prerequisite she has completed at another institution (secondary or post-secondary), she must request that this information be put on her Langara record at least ten weeks in advance of her registration date. For transfer credit information, visit the College website.

For secondary school prerequisites (if the student is not a current BC secondary school student), students must submit an official secondary school transcript. 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.

A unique nine-digit Langara ID number is assigned to each student. This ID number is required for registration and must be noted on all documents and correspondence submitted to the College. Once the student has registered for courses, this number must be used in all transactions with the College.

Application for Admission

INTERNATIONAL STUDENTS

INTRODUCTION

International students are welcome at Langara in arts and science (university-transfer) programs and many career and limited enrolment programs. The current list of programs open to international students is available on the International Education website.

ADMISSION REQUIREMENTS FOR ARTS AND SCIENCE (UNIVERSITY-TRANSFER) PROGRAMS

ACADEMIC REQUIREMENTS

Successful completion of BC Grade 12 or equivalent.

ENGLISH LANGUAGE PROFICIENCY

English is the language of instruction at Langara. Students are required to demonstrate proficiency in the English language prior to admission to post-secondary programs by providing one of the following:

- TOEFL (paper-based) with a minimum total score of 550 and a minimum essay score of 4.0;
- TOEFL (internet-based) with a minimum total score of 80 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;
- LPI (Language Proficiency Index) level 4 with essay 24;
- LET (Langara English Test) level 2;
- ELA (English Language Assessment) 145 offered by Vancouver Community College (VCC);
- Successful completion of LEAP level 8;
- Successful completion of BC Grade 12 English or communications or equivalent;
- Successful completion of a post-secondary English or communications course for which Langara awards transfer credit; or
- Successful completion of VCC English 099.

NOTE:

If students do not meet the English language proficiency requirement for admission, they may apply to the Langara English for Academic Purposes (LEAP) program. LEAP is a full-time, integrated, intensive English and academic skills program that prepares students for college and university study. Refer to the International Education website for more information on the LEAP program.

ADMISSION REQUIREMENTS FOR CAREER AND ARTS AND SCIENCE LIMITED ENROLMENT PROGRAMS

Most career and arts and science limited enrolment programs have admission requirements additional to those listed above. Students are required to meet any additional admission requirements, including English Language Proficiency requirements, specified for the program of their choice in the programs section of the College website.

Students applying for a career or arts and science limited enrolment program are advised to also apply to an arts and science (university-transfer) program. Because admission to career programs and arts and science limited enrolment programs is not guaranteed, students can pursue a post-secondary education in arts and science to complete university-transferable courses or to upgrade their skills in English, Mathematics, and/or science to meet the requirements of their desired career program or arts and science limited enrolment program.

Students should also know that program courses may have specific prerequisites beyond program admission requirements.

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

ORIENTATION AND COURSE PLANNING

International students are required to attend the orientation and course planning sessions offered by the Counselling department. Counsellors are available to help with educational, career, and personal concerns.

HOW TO APPLY TO ALL PROGRAMS – THE APPLICATION PROCESS

1. Apply online at www.langara.ca. Remember to send by mail all of the required documents as soon as possible.
2. Students can download (from the College website) and complete an application form for each program to which they are applying. Form(s) and all necessary documents must be submitted to the College with a CAD $155 non-refundable application fee*, payable to Langara College by VISA or MasterCard. The application form must be submitted to International Education, Langara College, 100 West 49th Avenue, Vancouver, British Columbia CANADA V5Y 2Z6.
3. Students will receive an 'Offer of Admission' if they are admissible to the College.
4. Students can confirm acceptance of the College's Offer of Admission by paying the International Student Deposit*, which includes CAD $1,500 non-refundable, non-transferable Commitment Fee. The commitment fee be applied to tuition.
5. Upon receipt of the International Student Deposit, the College will send the Student a 'Letter of Acceptance' confirming their acceptance into the College.
6. Students then take their 'Letter of Acceptance' or 'Provisional Letter of Acceptance' to the Canadian Embassy or High Commission to apply for a Study Permit and an entry visa to Canada.

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

DOCUMENTS REQUIRED FOR APPLICATION EVALUATION

1. A completed Langara application form for each program to which the student is applying indicating the desired start date.
2. Official transcripts/marksheets/academic records that show 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 the International Education department.

   NOTE:
   Official post-secondary transcripts may be used in lieu of secondary school transcripts. The transcript must indicate successful completion of at least one full academic year or successful completion of a minimum of 24 university-level credits at a recognized North American university or college.

   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. Official test scores or transcripts must be sent directly to the International Education department from the testing authority or school.
4. When students arrive at the College, they must give the International Education department a copy of their Study Permit, a copy of the photo page of their passport, and proof of medical insurance.

NOTE:
Some programs may require further documentation. Please refer to specific program descriptions on the College website.

APPLICATION DATES

ARTS AND SCIENCE (UNIVERSITY-TRANSFER) PROGRAMS AND CAREER 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.

Arts and science programs have intakes each semester, i.e., January, May, and September. Students interested in a career or arts and science 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.

International students are encouraged to attend a course planning session on campus. Students who are unable to attend an on-campus session are encouraged to do an online course planning session. Counsellors are available to help with educational, career, and personal concerns.

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

Registration

ACCESS TO THE REGISTRATION SYSTEM

Students register online by logging into myLangara. 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, available approximately two months prior to the beginning of the spring and summer semesters and three months prior to the fall semester. The schedule portion of the online version is updated regularly.

International students will be required to pay an International Student Deposit, which includes a CAD $1500 non-refundable, non-transferable commitment fee, for their first semester in regular studies courses. Thereafter, they will be required to pay the commitment fee only. See the Fees section (pg. 15) 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 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. The same PIN is used for all registrations unless students change their PIN on myLangara or at Registrar & Enrolment Services.

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. Transfer credit is not automatically granted; students must apply 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 have secondary school prerequisites put on their Langara record, students must provide Registrar & Enrolment Services with an official secondary school transcript. Students currently in BC Grade 12 may request that the Ministry of Education electronically send their transcript to Langara by completing a Post-Secondary Institutions Choice form by April 30.

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 from the transferring institution;
- course outlines for courses completed outside BC; and
- the appropriate fees.

DEADLINES:

- February 15 for summer semester registration
- May 15 for fall semester registration
- October 15 for spring semester registration.

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

NOTE:

A department may exclude a student from a course when that student's skills make the course clearly unnecessary for proceeding into advanced levels in the same subject.

REGISTRATION ON A NON-CREDIT BASIS (AUDIT)

Students who have the necessary prerequisites may take courses on a non-credit basis (this does not include restricted career program courses). The course name and number is noted on a student's 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 and Registration) prior to the first day of classes.

Registration on a non-credit basis (audit) is processed by the Registrar & Enrolment Services Office and is subject to seat availability once the registration period is complete. 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 times for new arts and science students is determined by the date of application to the College. Registration times for new career and limited enrolment program students are determined by the date and time assigned to their program.

Students can obtain their registration time by logging into myLangara 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. Returning career program students register by program and program term.

Students can obtain their registration time by logging into myLangara and activating their registration time two weeks before registration commences each semester.

NOTE:

- 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.
- Langara reserves the right to restrict or refuse registration into a course in which a grade of "D", "F", "N", "U" or "W" has previously been received.
- Students who receive grades of "D", "F", "N", "U", or "W" in any of their career program courses must obtain department chair/co-ordinator permission to proceed in the program.
- Students may not register for the same course more than twice in the following subject areas without receiving departmental permission: art history, biology, chemistry, Chinese, computer science, English, French, geography, Japanese, mathematics, physics, Spanish, and statistics.
- Career 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 – Academic Probation and Academic Suspension Policy on the College website for additional information.

Minimum Academic Standard – A minimum semester grade point average of 1.50 and no more than one letter grade of "F", "N", or "U" 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 counsellor 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 career programs may be governed by additional departmental policies and procedures.

See the Langara College Academic Standing – Academic Probation and Academic Suspension Policy on the College website for additional information on academic probation.

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 must notify Registrar & Enrolment Services of their intention to return. Students will be restricted to 11 credits and will be on academic probation when they re-register at the College. In career programs and arts and science limited enrolment programs, the program coordinator or department chair will decide on the course load limit. Students on academic suspension may return to their studies before the completion of the normal suspension period after successful completion of academic remediation. Refer to Appendix 1 of the Langara College Academic Standing – Academic Probation and Academic Suspension Policy which can be found on the College website.

To achieve good standing, students returning after a first academic suspension must achieve the minimum academic standard in their first semester following the 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 and will require an application in writing to the Registrar for re-admission to the College. Re-admission is not automatic and not guaranteed. See the Langara College Academic Standing – Academic Probation and Academic Suspension Policy on the College website for additional information on academic suspensions.

College and Student Responsibilities

INTRODUCTION

Langara 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 creates policies to address important issues and outline practices and expected behaviours.

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.

The following list of College policies are on the College website and are relevant to students who are registered:

- Aboriginal Education: Consultation with Aboriginal Peoples
- Aboriginal Students: Access To Education and Student Support
- Academic Conduct
- Academic Standing - Academic Probation and Academic Suspension
- Aegrotat Grade: Policy and Procedures
- Appeal of Final Grade
- Bursary
- Citizenship: Eligibility For Enrolment
- Computer and Computing System Use
- Concerns about Instruction
- Conducting Investigations
- Course Credit: Special Consideration
- Course Outlines
- Credentials
- Criminal Record Search
- Educational Offerings: Credentials
- Final Exams
- First Nations' Employment Equity
- Flexible Assessment
- Human Rights
- Managing Access to Student Computer Records
- Registration Fee Payment and Refund
- Scholarships and Awards
- Services for Students with Disabilities
- Student Code of Conduct
- Withdrawal from Courses and Deferred Standing

STUDENT AND 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.

ACADEMIC FREEDOM

The College recognizes academic freedom. For clarification of the term academic freedom, see either an academic dean or the Dean of Student Services.

Fees

INTRODUCTION

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

REGISTRATION ON A NON-CREDIT (AUDIT) BASIS - 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 Regular Studies courses in which there are seats available after registration has been completed. 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. Continuing Studies courses are not eligible for fee exemption.

Any senior citizen wishing to register in Regular Studies courses with the tuition fee exemption must write a letter to the Registrar & Enrolment Services Office indicating what course(s), section(s) into which they wish to register.

FEE PAYMENT (REGULAR STUDIES)

Fees are due by the fee payment deadline indicated on the College website. If fees are not paid by this deadline, students will be dropped from all courses. Payment for registrations completed after the fee payment deadline are due immediately after registration. Any outstanding balances will be subject to compounding interest and late payment charges commencing on the 9th 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 AND EDUCATION AMOUNTS)

T2202A Certificates for the previous calendar year are available for viewing and printing through myLangara 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.

OUTSTANDING DEBT AND NSF PAYMENTS

Late charges are applied to all overdue accounts.

A $15.00 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. All future financial transactions within the College must be paid by cash, money order, or certified cheque.

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

Financial Aid

FINANCIAL AID

Langara Financial Aid & Awards, 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, Student Work Assistance, and financial planning. Not sure where to start, or find yourself in a financial emergency? Meet with a Financial Aid Advisor. Visit the Registrar & Enrolment Services Office Monday to Thursday between 9 am and 6 pm or Friday between 9 am and 4 pm.

STUDENT LOANS

StudentAid BC provides assistance in the form of loans and grants through the provincial and federal governments, for full-time or part-time students. Full-time loans and grants are applied for on the StudentAid BC website through one application, and is open to BC residents enrolled in a minimum of nine credits (six credits for students with approved permanent disabilities through StudentAid BC). We recommend applying for this program at least six weeks before tuition is due to ensure your funding is in place before you have to pay tuition.

If you're studying part-time (three to eight credits), you can apply for part-time loans and grants. The paper application is available on the StudentAid BC website and must be submitted to the Registrar & Enrolment Services Office.

Students who are not residents of BC need to apply for loans through their home province. Website addresses for those 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 are aimed at complementing, not replacing, 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 who are taking adult upgrading or adult basic education courses. Examples of these programs include LEAP and Access Langara. Like part-time loans, 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.

STUDENT WORK ASSISTANCE PROGRAM (SWAP)

SWAP provides employment for students who demonstrate financial need. Students must be enrolled in a minimum of nine credits (six credits for students with approved permanent disabilities), be in good academic standing and returning students must have a minimum cumulative grade point average of 2.00. To apply, download and complete the online application and submit to Registrar & Enrolment Services. Once you receive the approval email, you can contact various departments on campus for employment positions.

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 permanent disabilities through StudentAid BC or are currently registered with Langara's Disability Services and receiving academic accommodations), are in good standing, and show financial need according to our assessment. Please check with Registrar & Enrolment Services for application deadlines. Applications are available online and all applicants will be notified of the results.

Langara also has entrance bursaries for mature students beginning study in any semester and for high school students from selected secondary schools to study at the College in September following graduating from Grade 12. For details, please email us at finaid@langara.ca.

YOUTH IN CARE BURSARY PILOT BURSARY

This pilot program is intended to assist with educational costs for students who are living or have lived as a youth in care in BC. If approved, this bursary will cover up to the total of tuition fees, material/lab fees, and the Capital Building Legacy fees for the semester approved. To be considered, students need to apply and be approved for each semester they would like to receive funding. Eligibility criteria includes being enrolled in a minimum of nine credits (six credits for students with approved permanent disabilities through StudentAid BC or are currently registered with Langara's Disability Services and receiving academic accommodations), being in good standing, being enrolled in a Regular Studies program, and showing financial need according to our assessment. For returning students, recipients need to hold a cumulative grade point average of at least 2.00. For more information and for advice on further funding for former youth in care students, contact finaid@langara.ca

LANGARA SCHOLARSHIPS & AWARDS

Scholarships are monetary acknowledgements of achievement, while awards are typically given for a combination of achievement and financial need. Criteria for these vary significantly, but are divided into to two types: departmental scholarships and general scholarships.

Department scholarships awards are awarded through recommendation of their faculty to those who meet specific scholarship criteria. Typically, students who are awarded departmental scholarships and awards are in good standing at the College, are registered in a minimum of nine credits (six credits for students with approved permanent disabilities through StudentAid BC or are currently registered with Langara's Disability Services and receiving academic accommodations), and have a minimum cumulative grade point average of 3.00.

General scholarships and awards are normally available to students who are registered in at least nine credits (six credits for students with approved permanent disabilities through StudentAid BC or are currently registered with Langara's Disability Services and receiving academic accommodations), are 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, and can be obtained online.

As criteria change from time-to-time, please contact Registrar & Enrolment Services or visit the Financial Aid website.

Student Support Services

ACCESSIBILITY SERVICES

Accessibility Services works with students with disabilities to arrange appropriate support services on a case-by-case basis. Students are required to register with Accessibility Services, provide appropriate documentation, and sign a disclosure/consent form. Personal information regarding a student's disability is collected, used, disclosed, secured, and disposed of in accordance with the BC Freedom of Information and Protection of Privacy Act (FIPPA).

Students must make an intake appointment with Accessibility Services and provide the appropriate medical documentation, preferably at least three (3) months prior to the start of the semester to allow adequate time to arrange accommodations. Please note that some accommodations, such as books in alternate format, Sign Language Interpreters or TypeWell transcriber services, may take several months to arrange. We will consider requests received less than three months prior to the start of the semester. In such cases, Accessibility Services will make every reasonable effort to arrange the requested accommodations, but we cannot guarantee their availability.

ATHLETICS AND INTRAMURALS

The department of Athletics and Intramurals offers a variety of activities for the student population, from intercollegiate athletics to campus recreation.

Intercollegiate Athletics

Langara competes in the PACWEST (Pacific Western Athletic Association), which includes 11 member colleges and universities from across the province. Langara competes in the following sports: badminton, basketball, soccer, and golf.

Langara is also a member in good standing in the Canadian Colleges Athletic Association (CCAA), the national governing body of Intercollegiate Athletics in Canada. Over the past 40+ years, the Falcons have won 25 National Championships and 168 Provincial Championships, a feat matched by few colleges across the country. Any student attending Langara and enrolled in a minimum course load of nine credits per semester is entitled to try out for any of the collegiate sports offered and is allowed a maximum of five years of athletic eligibility.

Intramurals (Campus Recreation)

The Intramurals Program offers recreational activities for students, staff, and faculty all year round. In striving to meet their objectives, the department of Athletics and Intramurals has designed recreational opportunities for fun and total participation in a relaxed environment.

Activities include basketball, badminton, indoor soccer, and much more. Interested students can call the Director of Athletics and Intramurals at 604.323.5682 or visit the department of Athletics and Intramurals in the gymnasium for further information. Individual lockers, shower facilities, and towel service are available to students.

BOOKSTORE

Langara's Bookstore, MyCampus Store, prices course material and supplies competitively, with the added bonus that any surplus revenue stays on campus. The Bookstore carries the official textbooks for Langara College, university transfer, career and Continuing Studies courses, as well as all course related materials and supplies. In addition we can order a variety of software at educational prices for students, staff and faculty. The Bookstore also offers a full selection of stationery, gifts and convenience items, such as newspapers, confectionery, bus passes and stamps.

CHILD DEVELOPMENT CENTRE

The Langara Child Development Centre is a full-time inclusive day-care centre that serves 62 children ages 18 months to five years in three separate programs - one toddlers program and two 3-5 year programs. We are an inclusive centre with some spaces designated for children with special needs. Priority in placement is given to students and employees of Langara.

Government subsidy based on financial need is available through the Ministry of Children & Family Development.

COUNSELLING DEPARTMENT

The Langara Counselling department responds to the needs of students by encouraging their educational success and personal growth. The counsellors are professionals trained to provide a variety of confidential counselling services.

Students are encouraged to register and attend free student success workshops which take place throughout the semester. Group counselling is also available during specific times on certain topics.

Appointments are available between 0830 and 1700 hours Monday through Thursday and between 0830 and 1530 hours on Friday. For an appointment, please phone the receptionist at 604.323.5221. Drop-ins are available for emergency situations or short consultations.

For current information, additional resources, and upcoming workshops please visit the Counselling website.

Career Counselling
Counsellors help students identify and develop their career goals through individual and group counselling. This process helps students identify their interests, abilities, values, and needs; explore career information; and make career decisions.

Educational Counselling
Counselling is provided to help students choose courses that will meet their educational goals. Current information about university-transfer courses and Langara's career programs is maintained and provided by the Counselling department.

Personal Counselling
Short-term counselling is available to help currently enrolled students resolve personal issues that may affect their academic performance or personal well-being. Personal counselling issues may include helping students: adjust to college, manage anxiety and stress, deal with relationship and/or family difficulties, improve communication skills, build self-esteem, develop assertiveness skills, manage anger and frustration, handle relationship break-ups, deal with depression, cope with grief and loss, overcome procrastination, and manage conflicts or unexpected traumatic events. Off-campus referalls are made for students requiring long-term counselling or therapy.

Career Resource Centre
The Counselling department assists students considering career options by providing information and reference material on a wide variety of occupations. The Career Resource Centre is located in the Counselling department. A collection of college and university calendars, career literature, and information on labour market trends is available.

Student Success Workshops
The Counselling department offers a variety of workshops to promote student success:

- Assertiveness Training
- Career Planning
- Communication Skills
- Improving Your Memory
- Mature Students: Skills for Success
- Stress Management
- Study Skills
- Test Anxiety
- Time Management

Students may sign up for these free workshops in the Counselling department.

Designated Services
The Counselling department has counsellors available to assist Indigenous students, international students, students with disabilities, and student athletes.

HEALTH SERVICES

Good health is an essential part of a successful educational experience! The Student Health Services staff is committed to providing confidential, friendly, and accessible medical care for all Langara students. We offer health education information and resources to assist students in making lower-risk choices and promoting healthy lifestyles during college and in the years beyond.

Our services include:

- Assessment, diagnosis, and treatment of medical conditions
- Referrals to other health professionals/ specialists
- Birth control counselling and supplies at low cost
- Emergency contraception ('morning after pill')
- Pregnancy tests
- Screening and treatment for sexually transmitted infections
- Pap tests
- Immunizations
- First aid
- Counselling and stress management
- Psychiatric assessment and treatment
- Health promotion and education
- BC Medical Services Plan (MSP) information

A limited number of over-the-counter medications are available with an appointment to see either the doctor or the nurse.

Although, a valid BC Care card is expected, we will not refuse service to any student. Please see the Medical Services Plan of BC website (www.health.gov.bc.ca/msp/) for information regarding eligibility the application process for a BC Care card.

- Hours: Open year round except on stat holidays and during the Christmas break. Monday to Friday 0830 to 1600 hours, closed for lunch from 1200 - 1300 hours.
- Phone: 604.323.5256
- Location: 'B' Building, Room B101
- Emergency Number: 4444 (internal campus line only)

HELP & LEARNING CENTRES

The Help & Learning Centres offers one-to-one tutoring, self-directed learning resources, small group workshops and tutorials, and drop-in help to assist students in developing skills and meeting the academic expectations of college courses.

Learning Commons
Langara has a Learning Commons on campus. It is housed on the first floor of the library. The Learning Commons features the Writing Centre, peer tutors from a variety of academic departments, new and improved work spaces and study rooms for group and individual use, and technology-enhanced tables for sharing digital content.

Tutoring in the Writing Centre
Drop-in tutorial help is available in the Writing Centre located in the learning commons on the first floor of the library. Skilled tutors will be on hand for one-on-one sessions in which students will be given advice about how to improve grammar and mechanics, how to generate theses, how to develop expository, argumentative, and research papers, and how to build essential proofreading skills. This free service is available on a drop-in, first-come-first-served basis. Students should be aware that the Writing Centre is not a proof-reading service; staff will not correct assignments. Visit the Writing Centre website for more information.

Biology Help Centre
The Biology Help Centre is available to students currently enrolled in biology. Visit the biology website for details.

Chemistry Help Centre
The Chemistry Help Centre provides drop-in tutoring for Langara students registered in chemistry courses. Check the chemistry website for the current schedule.

Mathematics and Statistics Activity Centre (MAC)
Drop-in tutorial help for mathematics and statistics courses is available at the MAC, located in Room C209 at the south end of the library building. Help from faculty tutors is available for most courses and, at times, for lower-level courses from student peer tutors. MAC houses resources such as computers, video tapes, reference books, and posters to support classroom activities in all mathematics and statistics courses. It also serves as a location for collaborative and individual study, and for the mastery testing component of our MATH 1100 and 1101 courses. Visit the mathematics and statistics website for more information.

Physics Help Centre
The Physics Help Centre provides drop-in tutoring for Langara students registered in physics courses. Current schedules are posted under Student Services, Help & Learning Centres on the College website.

THE HUB

Welcome to The Hub, Langara College's Office for Student Engagement, your one-stop shop for connecting with activities and resources across the campus. Within the Hub, you will find VOLT, student clubs, student leadership opportunities, information on new student orientation, parent orientation, workshops, and more. It's also a great place to hang out and meet other students, plus there are computers and cell phone charging stations for students to use. The Hub is located in A140 and is open Monday to Friday from 8:30 am - 4:30 pm.

INDIGENOUS SERVICES

Langara College offers Indigenous students access to many services, including:

- The Gathering Space, a welcoming, multi-purpose environment in the A building (around the corner from Continuing Studies) for Indigenous students to connect while at the College. The Gathering Space is enhanced to support student learning, and features a computer lab with a printer and wireless internet for laptop use. The facility also features a homework space, a casual sitting area, and a kitchen with a microwave and refrigerator where students frequently organize potluck lunches during semester time. The wellness room in Langara's Gathering Space is designed for rest and relaxation should students need to escape from the bustling College halls.
- Advocacy with band/tribal administration, sponsoring agencies, community resources and College programs and services.
- Personal, educational, and career counselling with a dedicated Indigenous Liaison Counsellor in the Gathering Space.
- Assistance with the transition into Langara and/or transfer to other post-secondary institutions upon completion of studies at Langara.
- Langara-UBC Aboriginal Transfer Partnership.
- An Elder in Residence Program which is involved in counselling, traditional teaching, and ceremonial events throughout the year.
- Tutoring in select subjects.
- College Orientation.

The department also promotes the advancement of initiatives in Indigenous Education at the College.

For more information drop by the Gathering Space in C140, call 604.323.5645, or e-mail aboriginal@langara.ca.

THE DAVE PEARSON CENTRE

The Dave Pearson Centre is located in the Langara Students' Union (LSU) building and provides an academic and social support system for all Indigenous students.

Dave Pearson Centre
Langara Students' Union
604.324.3881

INSTRUCTIONAL MEDIA SERVICES

Instructional Media Services (IMS) assists students with the production of materials for class presentations and assignments. Overhead transparency and lamination services can be purchased. Students are encouraged to consult staff for advice and suggestions on video or audio production for course-related projects. Media equipment can be scheduled for in-class presentations. IMS is located at Room C265 on the second floor of the south side of the C Building.

LIBRARY SERVICES

The Library
This is your space to read, study, collaborate, and relax. The library is your link to worldwide information resources including books, e-books, journals, magazines, newspapers, databases, and media materials.

Library Hours
See the library website for current hours. Use the library's online resources 24/7.

Study Space
370+ seats for individual study, 7 group study rooms, two presentation practice rooms/mini-theatres, wireless internet, and two computer labs.

Research Anywhere, Anytime
The library subscribes to a wide range of electronic sources including encyclopedias, e-books, government documents, streaming videos, and articles in newspapers, magazines, and journals.

Help with Research
Reference librarians provide research help in the library, and by email, chat, telephone, or text message. They offer classes and online tutorials on how to do research. The library website provides many opportunities for self-help.

Computers and Wireless
Individual research stations, two open computer labs, and wireless service give access to library databases, the internet, and course-related software.

Library Catalogue
The online catalogue lists print, media, and online materials in the library's collection.

Course Readings
Books, articles, and DVDs set aside by your instructors are available for short-term loan.

Journals and Magazines
The library subscribes to many popular magazines and academic journals. Print periodicals may be borrowed and many thousands more are available full text online through the library's databases.

Media Collection
Audiovisual materials include videos on VHS, DVD, streaming videos, and music on CD. These can all be found through the library catalogue. Subscriptions to streaming collections such as the National Film Board, Alexander Street Press' Ethnographic Video, and American History provide a range of content, searchable from the catalogue, and can be viewed on campus or at home.

Borrowing Materials
To borrow library materials, students must be registered in courses at Langara. Loan periods and fines vary according to the type of item. Students are responsible for all items signed out on their card. Fines are levied on overdue materials. Students who owe fines or have outstanding materials will not be permitted to register in subsequent semesters, obtain credentials, or receive official transcripts until these debts to the College are paid.

Inter-Library Loan Service
This service is a way for students to obtain books, articles, and videos unavailable at Langara. Students may ask for assistance at the reference desk or may use the online interlibrary loan request form.

LOST AND FOUND

The Lost and Found, located in the T Building (604.323.5177), holds articles for one year. Thereafter, they are sold to raise funds for student bursaries and charitable organizations.

NEW STUDENT ORIENTATION

New student orientation is a great way to learn about Langara, meet new people, and get oriented with campus. Sessions are offered each semester before classes begin. Visit the college website for more information.

Each semester, before classes begin, the College hosts an orientation for new students. Participating in this event is an excellent way to find out more about Langara and to prepare for college studies.

PARKING

The parkade and general surface lots are open for visitors and student use. The north-east parking lot is reserved for authorized employees only.

Parking lots and the parkade are closed at 2330 hours Monday to Friday, 1900 hours Saturday and Sunday and all statutory holidays. Vehicles remaining on site after hours will be removed at the owner's expense.

Street parking in the surrounding area is restricted, and regulations are enforced by fines and tow-away penalties.

For details, search "parking" on the College website.

REGISTRAR & ENROLMENT SERVICES

Registrar & Enrolment Services provides a variety of services and information to assist students in admissions, registration, graduation, and transfer to other institutions:

- Applications for admission
- Admissions information
- Registration Guide and Course Schedule
- Transfer credit requests
- Enrolment verification letter and forms
- Change of name and address requests
- Official and unofficial transcript requests
- Applications for graduation
- Replacement of credential requests
- Information about 'holds' on transcripts and registration
- Course outline requests
- Graduation adjudication requests

Registrar & Enrolment Services receives appeals relating to final grades, admissions, and re-admission. For more information, visit the Registrar & Enrolment Services section of the college website.

STUDENT EMPLOYMENT

The web-based Langara Student Employment site offers job vacancies from local employers, as well as access to several job search engines, and employment publications. The College holds annual Student Employment events and offers employment-related workshops.

STUDENT IDENTIFICATION CARDS

Your Student ID is your passport to Langara. It allows you to:

- Access the Langara Library
- Take advantage of student discounts throughout the community
- Access your U-Pass BC card

Your free Student ID can be obtained via Instructional Media Services (IMS) located in the southwest corner of C Building. Check the IMS website for scheduled photo sessions for the student ID card. Replacement cards cost $10.

TIP: Before you get your Student ID, make sure you:

- Pay all of your student fees
- Know your student number
- Bring one piece of photo ID

Grading

ASSIGNMENTS AND 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 tutorial periods 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 to be aware of the time, location, and date of their final examinations.
If possible, final examinations will be rescheduled by the department upon request for any student scheduled to write:

- Two or more examinations at the same time; or
- Two or more examinations each exceeding one hour in duration with an intervening break of less than 30 minutes; or
- 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. Requests for rescheduling of examinations must be made on the appropriate form available from Registrar & Enrolment Services before 1630 hours on the date indicated on the Final Exam Policy webpage.

GRADE POINT AVERAGE, SEMESTER (SEM GPA)

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, & Notations.

GRADE POINT AVERAGE, CUMULATIVE (CGPA)

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 you have attempted, not including courses resulting in "S", "SR", "U", or any notations - see Grades, Grade Points, & Notations.

WITHDRAWALS

Students wanting to discontinue taking a course after the course drop/refund period must officially withdraw from the course. Students can withdraw from courses by logging into myLangara.

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

NOTE:

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 logging into myLangara and viewing their academic record (transcript).

REPEATING A COURSE: CREDITS, GRADES, AND GPAS

Effective Summer Semester 2009, students repeating a course will have all attempts at the course shown on their academic transcript and included in determining the semester and cumulative grade point averages. If credit is awarded for more than one attempt at the course, 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.

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 on the College website.

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

Registration, Records, and 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 log into myLangara to access their academic record or to order an official transcript. Official transcripts may also be obtained through Registrar & Enrolment Services, in person, or in writing (by mail with a cheque or credit card number or by fax with a credit card number). 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 for which they need it; transcripts may take a week to process. Students who require additional forms from licensing boards, graduate schools, etc., to be completed may receive their transcript within seven working days; however, depending on the complexity of the information requested, additional forms may take up to eight weeks to process. 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 Registration and Records on the College website for more information.

Graduation

APPLICATION FOR GRADUATION

All students, whether in arts and science programs or career programs, must apply for graduation. Applications are available from Registrar & Enrolment Services, the Counselling department, and the College website. Students should apply for graduation in the last term of their program. The deadline for receipt of applications is February 1. If February 1 falls on a weekend, the deadline is the following Monday. Students completing their program in April must apply by the February 1 deadline.

CONFIRMATION OF GRADUATION

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

- 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 a notification indicating that the credential has been granted will appear on the student's transcript.

If an application is received in which the student has course(s) in progress, the application will be held until final grades are submitted. Once the final grades have been submitted the application will be assessed, and if the student has completed all program requirements and is eligible to receive a credential, the student will be sent a notification confirming that the credential has been granted and a notification indicating that the credential has been granted will appear on the student's transcript. Parchments are awarded once per year at the annual convocation ceremonies for graduation in June.

GRADUATION WITH DISTINCTION

Candidates 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.

REQUESTS FOR GRADUATION ADJUDICATION

Students who have deviated from the prescribed curriculum must write to the Graduation Adjudication Committee before February 1 (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.
0	-		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

Credentials are officially conferred annually at the convocation ceremonies that are held in early June.

To receive post-degree diplomas, post-degree certificates, baccalaureate degrees, associate degrees, diplomas, certificates, or citations, all requirements specific to each program as outlined in this calendar must be completed. In addition, for all programs, the final 40% of the program must be completed at Langara. Any exceptions to this regulation or to any other specified requirements of a program must receive prior approval from the Graduation Adjudication Committee through Registrar & Enrolment Services.

MULTIPLE CREDENTIALS

A minimum of 50% of credits for a second or subsequent credential must be new courses that have not been used to satisfy requirements for a previous credential. The final 40% of the course work of all the credentials must be completed at Langara.

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 to 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 12 credits. Students must meet regular admission requirements for entry and achieve a minimum CGPA of 2.00 to graduate.

* 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 Diversity and Inclusion Leadership
Post-Degree Certificate in Nursing Leadership and Management

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 Performing Arts
Bachelor of Recreation Management
Bachelor of Recreation Management (Co-operative Education)
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 Design Formation
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 Nutrition and Food Service Management (Co-operative Education)
Diploma in Professional Photography
Diploma in Publishing
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 (Production)

CERTIFICATES

Certificate in Aboriginal Studies Post-Degree
Certificate in Advanced Accounting
Certificate in Art History
Certificate in Arts and Science (Engineering)
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

CITATIONS

Citation in Access Langara
Citation in Early Childhood Education:
Special Education Post-Basic
Citation in Ecology
Citation in Environmental Studies
Citation in Full Stack Web Development
Citation in Foundations in Health Studies
Citation in Latin American Studies

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
•		•	Aboriginal Studies				•		•			•	
	•	•	Access Langara										•
	•	•	Accounting	•					•	•			
	•	•	Advanced Accounting									•	
	•	•	Advanced Entry BSN			•							
		•	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				•						
	•	•	Criminal Justice						•				
		•	Data Analytics	•									
	•	•	Design Formation						•				
	•	•	Diversity and Inclusion Leadership		•								
	•	•	Early Childhood Education						•				
	•	•	Early Childhood Education: Special Education Post Basic										•
•			Ecology										•
	•	•	Education Assistant								•	•	

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
	•	•	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										•
		•	Full Stack Web Development										•
			General Education						•				
•			Geography				•						
	•	•	Gerontology						•				
•			Health Sciences				•	•	•				
•			History				•						
•			Internet and Web Technology									•	
	•	•	Journalism						•			•	
•			Kinesiology						•				
•			Latin American Studies				•		•				•
•			Leisure Studies						•				
	•	•	Library & Information Technology (Regular & Flexible Participation)						•				
	•	•	Marketing Management	•					•	•			
•			Mathemathics				•	•					
	•	•	Nursing			•							
	•	•	Nursing Leadership and Management		•								
	•	•	Nursing Practice in Canada	•									
	•	•	Nutrition and Food Service Management						•	•			
•			Peace and Conflict Studies				•		•				
	•	•	Performing Arts			•							
•			Philosophy				•						
•			Physics					•					
•			Political Science				•						
	•	•	Professional Photography						•				

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
•			Psychology				•						
	•	•	Publishing						•				
	•	•	Recreation			•			•	•			
•			Science (General)					•					
	•	•	Social Service Worker								•	•	
	•	•	Theatre Arts (Acting)						•				
	•	•	Theatre Arts (Production)						•				
	•	•	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 Arts and Science Diploma and Associate Degree 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 single 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

EXTERNAL STUDIES PROGRAMS

External 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 recent examples of external studies programs include:

- European Studies (Study in Europe)
- Study in London (Theatre)
- Haida Gwaii Studies
- Study in Italy
- Gothic Studies

For more information, visit the External Studies website.

Institutes

Institutes are one-semester intensive interdisciplinary programs addressing a single theme. A small cohort of students will explore the given theme through two to three courses from different disciplines. Institutes will be offered from time to time on campus. The exact format will vary with each program.

A recent example of an institute program is the Langara Environment Institute seminar.

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 that students 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 prerequisites. Refer to program admission descriptions 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.

CO-ORDINATED PROGRAMS

Completion of a Langara certificate, or an approved certificate at the Native Education College, and the following:

A minimum 30 credits (10 courses) including a minimum 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. *To receive a Langara credential, the last 40% of the program must be completed at Langara.*
- Some examples of co-ordinated programs include:
  - Social Service Worker Co-ordinated Program
  - Education Assistant Co-ordinated Program

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;
- Have completed 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.

Langara College Programs

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FACULTY OF ARTS

Arts (General)

Program Intake: September, January, May

OPTION(S)

- Associate of Arts Degree

ADMISSION REQUIREMENTS

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

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);
5. The last 50% of the courses used towards the associate degree at Langara College within the last five years; and
6. 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.

Arts and Science (General)

Program Intake: September, January, May

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 (General), 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

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

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]

Notes:

1. Course attribute information can be found on the Langara 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.

General Education

Program Intake: September, January, May

OPTION(S)

- Diploma in General Education

ADMISSION REQUIREMENTS

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

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.

CREATIVE ARTS & INDUSTRIES

Design Formation

Department: Design Formation
Division: Creative Arts & Industries
Program Intake: September (Note: Students can take electives and English/communications courses before they start the program)

OPTION(S)

- Diploma in Design Formation

GENERAL INFORMATION

The design formation program at Langara College merges the design disciplines of spatial formation and communication design. This challenging area of design bridges architecture, industrial design, interior design, and graphic design. Students become familiar with a wide-ranging skill set that can be applied to everything from retail display to exhibit design to environmental graphic design, or as a basis for further study in design. The full-time program involves 16 hours of studio work each week, as well as course work in English and elective selections. Students should expect to commit at least 16 hours of research, project development and completion, reading, and client presentations. The design studios are offered during the fall and spring semesters, electives and English courses may be available during the summer semester. Part-time study may be possible with departmental permission.

OUTCOMES AND OBJECTIVES

The objective of the design formation program is to give students a foundation in three areas of design: design knowledge, design skills, and design practice. Knowledge gives context for the designer's practice. This includes history, contemporary trends, research, materials, and technology. In addition, students obtain a basic tool set through learning design skills in areas such as sketching, drafting, model making, computer software, and fabrication. Finally, students will become familiar with ideas of design practice that are essential to becoming a passionate and effective designer. Practice includes ideation, concept development, design development, and execution.

CAREER OPPORTUNITIES

Students gain foundation skills in design which will lead to opportunities in these areas:

- Design for Presentation Centres
- Exhibit Design
- Environmental Graphic Design
- Museum Design
- Product Presentation
- Props: Design & Build
- Retail Visual Presentation
- Retail Merchandising
- Retail Store Planning
- Set Design for Film & Theatre
- Special Events Design
- Tradeshow Design

Notes:

1. Except DSGN 1100, 1200, and 2100, all studio courses are restricted to students in the design formation program, or by permission of the department.
2. A minimum "C" grade in each studio is required to progress through and graduate from the program.
3. Design formation students must be enrolled in all four design formation courses in each term.
4. Study beyond that included in the program curriculum is required to enter the specific industry areas of graphic and interior design.

ADMISSION REQUIREMENTS

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

Academic Requirements

Completion of BC Grade 12 or equivalent, or be 19 years of age or older.

All students applying to the design formation program must have a level of English sufficient to write assignments, understand class lectures, follow design briefs, and take part in class discussions.

Students will be required to provide proof of English language proficiency in one of the following ways:

- English 12 with a minimum "C" grade;
- English Literature 12 with a minimum "C" grade;
- English 12 First People's with a minimum "C" grade;
- IB English A1 or A2 (HL or SL) with a minimum score of 4;
- LPI (Language Proficiency Index) level 4 with essay of 24;
- LET (Langara English Test) level 2;
- Successful completion of LEAP level 8
- TOEFL (internet-based (IBT)) with a minimum score of 80 and a minimum of 20 in listening, 20 in reading, 20 in speaking, and 20 in writing (taken within the last two years);
- TOEFL (paper-based) with a minimum score of 550 and a minimum essay score of 4.0 (taken within the last two years);
- IELTS with a minimum score of 6.5 overall, with no bands less than 6.0 (taken within the last two years);
- CAEL (Canadian Academic Language assessment test) with a minimum overall level of 60;
- Successful completion of a post-secondary English or communications course for which Langara College awards transfer credit;
- Advanced Placement:
  - English Language and Composition with a score of 3;
  - English Literature and Composition with a score of 3; or
- Completion of ACCESS Langara ENGL 1120 with a minimum "C" grade.

Once you are admitted into the design formation program, you may be required to take a Langara English Test (or equivalent) and be placed into an appropriate English course based on your score. This does not apply to applicants who have successfully completed ACCESS Langara ENGL 1120 with a minimum "C" grade. Six credits of English are required to complete the Diploma in Design Formation.

Application Requirements

- Applicants must attend a scheduled information session.
- 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.
- Admission to a program does not guarantee registration in required courses. Students interested in the design formation program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.

Application Deadlines

- Applications are accepted beginning October 1.

Program Preferences

- Completion of secondary school or equivalent art courses.

Documents Required for Application Evaluation

Applications will not be considered until all of the following documents have been received:

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

Please refer to the program application dates in the application information section.

Program Notes

- Students should expect to commit a minimum of four hours of time per studio per week in addition to class time.
- The three-dimensional studio requires some physical effort including lifting and the use of power tools.

DIPLOMA IN DESIGN FORMATION

CURRICULUM

To obtain a Diploma in Design Formation, students will be required to attain 66 credits.

TOTAL PROGRAM CREDITS: 66

TERM 1

Course No.	Credits
All of	
DSGN 1151	3
DSGN 1152	3
DSGN 1154	3
DSGN 1255	3
One CMNS/ENGL course [1]	3
One elective from Electives List (see below)	3

TERM 2

Course No.	Credits
All of	
DSGN 1153	3
DSGN 1250	3
DSGN 1252	3
DSGN 2253	3
One elective from Electives List (see below)	3

TERM 3

Course No.	Credits
All of	
DSGN 1253	3
DSGN 2151	3
DSGN 2152	3
DSGN 2154	3
One CMNS/ENGL course [1]	3
One elective from Electives List (see below)	3

TERM 4

Course No.	Credits
All of	
DSGN 2251	3
DSGN 2252	3
DSGN 2254 [2]	3
DSGN 2255	3
One elective from Electives List (see below)	3

ELECTIVES LIST

Course No.	Credits
Four of	
AHIS 1112	3
AHIS 1113	3
AHIS 1114	3
AHIS 1212	3
AHIS 1214	3
AHIS 1301	3
AHIS 1302	3
BUSM 1115	3
DSGN 1100	3
DSGN 1200	3
DSGN 2100	3
FINA 1120	3
FINA 1220	3
MARK 1115	3
MARK 3100	3
MARK 3400	3
PHOT 1100	3
PUBL 1220	6
or another course with the prior approval of the department chair.	3

Notes:

1. The CMNS/ENGL for the program may be taken in any semester, including the summer semester. The CMNS/ENGL requirement can be met by completing six credits from the following: university-transfer credit offerings of the English department, CMNS 1115 and/or 1118.
2. The prerequisite for DSGN 2254 is a GPA of 3.00 in Term 3. In the absence of the 3.00 GPA, consideration may be given by faculty and the department chair.
3. The electives for the program may be taken in any semester, including the summer semester.

Film Arts

Department: Film Arts
Division: Creative Arts & Industries
Program Intake: January

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 1 (spring) and Term 2 (summer) consecutively.

ADMISSION REQUIREMENTS

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

Academic Requirements

ALL STREAMS:

1. Completion of BC Grade 12 or equivalent, or be 19 years of age or older.

2. If you are an international student, you must meet the College English proficiency requirement by satisfying one of the following:

- TOEFL (paper-based) with a minimum total score of 550 and a minimum essay score of 4.0;
- TOEFL (internet-based) with a minimum total score of 80 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;
- LPI (Language Proficiency Index) level 4 with essay 24;
- LET (Langara English Test) level 2;
- ELA (English Language Assessment) 145 offered by Vancouver Community College (VCC);
- Successful completion of LEAP level 8;
- Successful completion of BC Grade 12 English or communications or equivalent;
- Successful completion of a post-secondary English or communications course for which Langara College awards transfer credit; or
- Successful completion of VCC English 099.

Once admitted to film arts, students are required to take the Langara English Test (LET), or equivalent, to prove eligibility to take three credits of English necessary to complete the Certificate in Film Arts or arrange for transfer credit of a university-level English course acceptable to Langara.

In addition to the academic requirements, admission is dependent on the following:

For Actors:

- A successful audition (in-person or tape) and/or an interview
- Good knowledge of the English language including the ability to speak, read aloud, and write clearly and correctly

For Writers:

- A positive assessment of a written portfolio. An interview may also be required.
- Good knowledge of the English language including the ability to speak, read aloud, and write clearly and correctly

For Directors:

- A positive assessment of a video portfolio to which the applicant has contributed in a key creative role. An interview may also be required.
- Good knowledge of the English language including the ability to speak, read aloud, and write clearly and correctly

Program Preferences

While all qualified applicants will be considered, preference is given to candidates who have completed 60 credits of post-secondary study in a field related to their area of interest and who have demonstrated a commitment to pursuing a career in the film industry.

Documents Required for Application Evaluation

- Completed application for admission form. Please indicate whether you are applying for the acting stream, the writing stream, or the directing stream.
- Official transcript(s)
- Resumé

For Actors:

- A letter of application citing your goals in joining the film arts program

For Writers:

- A portfolio of a minimum 10-page (maximum 24-page) original screenplay or part of a screenplay, written by the applicant

For Directors:

- A letter of application citing your goals in joining the film arts program, and a video portfolio (digital file, URL such as YouTube, or DVD) to which he or she has contributed in a key creative role of director, actor, cinematographer or editor. These will not be returned.

Please refer to the program application dates in the Application Information section. Film arts has one intake per year in January (spring term). Applications are accepted throughout the year. Late applications will be considered if space is available.

Program Notes

- Students will be required to pay materials fees in addition to tuition. See the course schedule for material fee information.
- Students will be required to purchase additional materials for their productions.

CERTIFICATE IN FILM ARTS (ACTING)

CURRICULUM

TERM 1 (TOTAL CREDITS: 15)

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

TERM 2 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
FLMA 1210	3
FLMA 1220	2
FLMA 1222	1
FLMA 1270	3
FLMA 1280	6

CERTIFICATE IN FILM ARTS (DIRECTING)

CURRICULUM

TERM 1 (TOTAL CREDITS: 15)

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

TERM 2 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
FLMA 1250	3
FLMA 1260	3
FLMA 1270	3
FLMA 1282	6

CERTIFICATE IN FILM ARTS (WRITING)

CURRICULUM

TERM 1 (TOTAL CREDITS: 15)

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

TERM 2 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
FLMA 1230	3
FLMA 1240	3
FLMA 1270	3
FLMA 1281	6

Fine Arts

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

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

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 or older.

2. One of the following:

- LET with a minimum level 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;
- BC English 12 or equivalent with a minimum 70%;
- BC English Literature 12 with a minimum 70%;
- BC English First Peoples 12 with a minimum 70%, a university-level English or communications course for which Langara awards transfer credit with a minimum "C-" grade;
- A minimum "C" grade in ENGL 1120; or
- An "S" grade in one of ENGL 1107, 1108, or 1110.

Program Requirements

- Applicants must complete a Fine Arts Candidate Questionnaire in addition to the college application. The questionnaire will be available online (usually January through April) or be picked up by dropping by the Fine Arts department chair's office or the studio assistant's office. Applicants must acknowledge, via the questionnaire, that they have comprehended the online information session, available through the Langara fine arts website.
- A portfolio of art work indicating students' areas of interest and involvement in art may be required but should not be submitted unless the department specifically requests one.

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)

Program Notes

- 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.
- Students should expect to commit about four hours of studio work per week per studio in addition to class time.

Admission to a program does not guarantee registration in required courses. Students interested in the publishing 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 in the Application Information section in this calendar.

DIPLOMA IN FINE ARTS

CURRICULUM

Program Notes:
Students must take nine credits of art history to include:

1. AHIS 1112 and 1212; 1114 and 1214; or 1301 and 1302
2. Three additional credits of AHIS
3. Students who successfully complete 12 AHIS credits within a European study abroad program may use these credits to satisfy all of the AHIS and the FINA 2150 requirement for the Diploma in Fine Arts.

TOTAL CREDITS: 60

Course No.	Credits
One of	
ENGL 1100	3
ENGL 1127	3
ENGL 1128	3
One of	
AHIS 1112 and	3
AHIS 1212	3
or	
AHIS 1114 and	3
AHIS 1214	3
or	
AHIS 1301 and	3
AHIS 1302	3
One of	
art history elective (see curriculum notes above)	3
All of	
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
FINA 2250	3
Three of	
FINA 2110	3
FINA 2111	3
FINA 2115	3
FINA 2120	3
FINA 2130	3
FINA 2135	3
FINA 2140	3
FINA 2141	3
FINA 2160	3
FINA 2161	3
FINA 2171	3
FINA 2172	3
FINA 2173[1]	3
FINA 2190[1]	3
FINA 2195[1]	3
Three of	
FINA 2111	3
FINA 2115	3
FINA 2162	3
FINA 2195[1]	3
FINA 2210	3
FINA 2220	3
FINA 2230	3
FINA 2240	3
FINA 2241	3
FINA 2260	3
FINA 2261	4
FINA 2271	3
FINA 2272	3
FINA 2290[1]	3

Note:
1. Students may not recieve credit for FINA 2173, 2190, or 2290 in addition to a section of FINA 2195 by the same name.

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 1 and 2:

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

Terms 3 and 4:

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.

Journalism

Department: Journalism
Division: Creative Arts & Industries
Program Intake: September

OPTION(S)

- Diploma in Journalism
- Certificate in Journalism

GENERAL INFORMATION

The journalism program offers professional training to students planning to become practising journalists and introduces them to important aspects of the communications industry. Its goal is to provide students with the skills and knowledge necessary for entry-level jobs in journalism, whether in print, broadcasting, or online. The program emphasizes strong writing skills, the necessary groundwork for careers in all journalism sectors.

Diploma Program

The diploma program aims to provide high school graduates with a combination of journalism courses and an introduction to liberal arts courses relevant to the journalist's work. The first year provides introductory and basic skills courses; the second year focuses on advanced journalism practices. Between years, students are encouraged to seek summer employment with community media outlets to gain experience. A Diploma in Journalism is awarded for successful completion of the four-term diploma stream.

Certificate Program

The certificate program is designed to give students with an appropriate university degree the opportunity to take specialized journalism training at high speed. This intensive, skills-oriented experience is designed to build on the student's academic background, providing the student with the tools to work as a well-informed, professional journalist. The first semester focuses on introductory and basic skills courses; the second semester on advanced journalism practices. A Certificate in Journalism is awarded for successful completion of the two-term certificate stream.

Curriculum

In both streams, students are introduced to basic journalism skills and the importance of journalism to the community. Focus is on news writing, journalism history, page design and layout, reporting for radio, and photojournalism. Students will also experience the life of a reporter by researching, conducting interviews, and writing stories for the program's weekly newspaper, *The Voice*, which is circulated on campus and in the surrounding community. Students also write stories, produce podcasts, edit video, and post blogs to *The Voice Online*.

The second part of the program provides students with courses in advanced reporting techniques, specialty reporting, and television reporting. Students spend considerable time on off-campus assignments focusing on civic issues and the courts.

Senior students gain experience as editors of *The Voice*. This is an intensive, hands-on experience in producing a newspaper, including story planning, editing, page design, photo editing, pagination, as well as assigning, producing, and editing multimedia stories for the web. At this point, advanced students may have the opportunity to pursue special projects involving broadcasting, digital journalism, corporate communications, or magazine production.

Internships

As part of their curriculum, diploma students complete five-week internships at the media outlets of their choice: community papers, dailies, radio, television, newspapers, websites, magazines, or corporate communications. Certificate stream students have no fieldwork requirements though the department frequently assists students to arrange internships to be completed after graduation.

Professional Contacts

Throughout the program, students are connected to working reporters and editors who participate as guest lecturers, lead seminars, or act as mentors. An advisory committee representing a variety of media outlets provides advice on current trends and issues to ensure the department's curriculum is up-to-date and relevant. As well, Langara grads constitute an effective network in the industry across Canada and around the world, tipping off recent grads to job opportunities and providing support and advice to those who follow in their footsteps. See what can happen on Langara Journalism's Facebook page.

Grading

The Journalism department requires that its students meet the following criteria in order to remain in and complete the program. A student must obtain a minimum grade of "C-" in all journalism and support courses. Any student who receives a "D" or an "F", or withdraws from any course, will not be allowed to enrol in the next semester, except with permission of the department.

Successful completion of all courses in any term is a prerequisite to continuing to the next term. A student who receives a "D" or an "F", or withdraws from any journalism or support course, will be allowed to progress in the program only after successfully repeating the failed or incomplete course or courses.

DIPLOMA IN JOURNALISM

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. If students do not have BC Grade 12 or equivalent and they are at least 19 years of age, they may be accepted provided they have a minimum of three credits of university-transferable courses with a minimum GPA of 2.00.
2. One of the following:

- LET with a minimum level 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;
- BC English 12 or equivalent with a minimum 80%;
- BC English Literature 12 with a minimum 80%;
- BC English First Peoples 12 with a minimum 80%,
- A university-level English or communications course for which Langara awards transfer credit with a minimum "C-";
- A "C" in ENGL 1120; or
- An "S" in one of ENGL 1107, 1108, or 1110.

Program Requirements

- A high level of achievement in English and/or writing in the senior grades of secondary school or the equivalent
- Successful completion of the journalism program entrance test that includes sections on English language usage, current events, and news writing

- Keyboarding skills of at least 40 wpm
- A resumé
- A minimum 500-word typed statement of intent indicating why students want to be a journalist and their career goals
- An interview with journalism faculty may be required

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)
- A resumé
- Statement of intent

Please refer to the program application dates in the Application Information section in this calendar.

Application and Supporting Documents Deadline

- Applications may be submitted until April 30 for September intake. Late applications will be accepted if space is available.

Program Notes

Submission of a portfolio of students' writings or their video or audio projects is strongly recommended. Do not send originals of published materials; photocopies are acceptable. Video or audio tapes will be returned. Students may submit the portfolio with their application or at the time of their entrance tests.

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.

TERM 1 (TOTAL CREDITS: 18)

Course No.	Credits
All of	
ECON 1119	3
JOUR 1100	3
JOUR 1122	1.5
JOUR 1128	2
JOUR 1244	1.5
POLI 1119	3
One of	
ENGL 1127	3
ENGL 1128	3

TERM 2 (TOTAL CREDITS: 23)

Course No.	Credits
All of	
JOUR 1142	1.5
JOUR 1168	3
JOUR 1178	6
JOUR 1224	1.5
JOUR 1298	2
JOUR 2228	1.5
JOUR 2328	1.5
JOUR 2398	3
One of	
ENGL 1129	3
ENGL 1130	3

TERM 3 (TOTAL CREDITS: 19.5)

Course No.	Credits
All of	
JOUR 1177	3
JOUR 1240	1.5
JOUR 2278	6
JOUR 2330	1.5
JOUR 2380	3
JOUR 2458	3
One of university-transferable elective	3

TERM 4 (TOTAL CREDITS: 17.5)

Course No.	Credits
All of	
JOUR 2410	1.5
JOUR 2420	1.5
JOUR 2430	3
JOUR 2456	1.5
JOUR 2470	5.5
JOUR 2490	1.5
One of university-transferable elective	3

Note:
Be sure to check the prerequisites for arts and science courses that are part of the program.

CERTIFICATE IN JOURNALISM

ADMISSION REQUIREMENTS

Academic Requirements

A university degree in a field judged by the Journalism department to be useful for journalism. Persons lacking a degree but with substantial academic achievement combined with a demonstrated interest or limited experience in journalism may be admitted by permission of the Journalism department.

Program Requirements

1. A resumé

2. A minimum 500-word typed statement of intent indicating why they want to be a journalist and their career goals

3. Applicants may be contacted by journalism faculty for more information.

4. Adequate command of spoken and written English is required for admission. Applicants whose native language is other than English and who do not hold the equivalent of a Canadian baccalaureate degree from an institution at which English is the language of instruction must submit one of the following:

- TOEFL (internet-based) with a minimum total score of 85 and a minimum of 20 in Listening, 20 in Reading, 20 in Speaking, and 25 in Writing; or
- IELTS with a minimum level 7.0, with no band below 6.5.

Documents Required for Application Evaluation

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

- Completed application form
- Official transcript(s)
- Resumé
- Statement of intent

Application and Supporting Documents Deadline

Applications may be submitted until April 30 for September intake. Late applications will be accepted if space is available.

Program Notes

- Submission of a portfolio of students' writings or their video or audio projects is strongly recommended. Do not send originals of published materials; photocopies are acceptable. Video or audio tapes will be returned. Students may submit the portfolio with their application or at the time of their entrance tests.
- Experience in a school newspaper or similar media is an asset.

CURRICULUM

TERM 1 (TOTAL CREDITS: 23)

Course No.	Credits
All of	
JOUR 1122	1.5
JOUR 1128	3
JOUR 1142	1.5
JOUR 1168	3
JOUR 1178	6
JOUR 1298	2
JOUR 2228	1.5
JOUR 2328	1.5
JOUR 2398	3

TERM 2 (TOTAL CREDITS: 21)

Course No.	Credits
All of	
JOUR 1177	1.5
JOUR 1224	1.5
JOUR 1240	1.5
JOUR 2278	6
JOUR 2358	3
JOUR 2380	3
JOUR 2458	3
One of	
JOUR 2410	1.5
JOUR 2420	1.5
JOUR 2490	1.5

Note:
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.

Performing Arts

Division: Creative Arts & Industries
Program Intake: May

OPTION(S)

- Bachelor of Performing Arts

GENERAL INFORMATION

The Bachelor of Performing Arts is ideal for you if you want to practice as a professional performing artist, arts manager, administrator or entrepreneur, or if you want to continue on to graduate studies in the performing arts.

The program is a degree-completion pathway for students who have already earned credit from a public or a recognized and accredited private post-secondary institution, in the disciplines of music, dance, theatre, stagecraft, film arts, arts and entertainment management, musical theatre or digital media.

The program is a unique collaborative partnership between Capilano University, Douglas College, Langara College, and Vancouver Community College. Courses are taught by a combination of experienced faculty from each of these institutions and practicing professionals in the performing arts industry.

If you are already a Langara student, or you are thinking of choosing Langara, and you want to plan your coursework so that you can be eligible for admission to the Bachelor of Performing Arts, you should speak to a counsellor.

ADMISSION REQUIREMENTS

For a complete description of the program and its admission requirements, and to apply to be admitted to the program, please contact Capilano University.

Professional Photography

Department: Professional Photography
Division: Creative Arts & Industries
Program Intake: September

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

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 or older.

2. All students applying to the professional photography program must have a level of English sufficient to write assignments clearly, understand class lectures, follow instructions, and take part in class discussions.

3. Students will be required to provide proof of English language proficiency in one of the following ways:

- English 12 with a minimum "C" grade;
- English Literature 12 with a minimum "C" grade;
- English 12 First People's with a minimum "C" grade;
- IB English A1 or A2 (HL or SL) with a score of 4;
- Advanced Placement:
  - English Language and Composition with score of 3;
  - English Literature and Composition with score of 3;
- LPI (Language Proficiency Index) level 4 with an essay score of 24;
- LET (Langara English Test) minimum level 2;
- Successful completion of LEAP level 8;
- TOEFL (internet-based) with a minimum total score of 80 and a minimum of 18 in Listening, 20 in Reading, 18 in Speaking, and 20 in Writing;

- TOEFL (paper-based) with a minimum total score of 550 and an essay score of 4.0;
- IELTS (International Language Testing System) minimum level 6.5;
- CAEL (Canadian Academic Language assessment test) minimum level 60 overall;
- Successful completion of a post-secondary English or Communications course for which Langara College awards transfer credit; or
- Successful completion of VCC English 099.

Once you are admitted into the professional photography program, you will be required to take a Langara English Test (LET). A minimum score of 3 (or equivalent) is required for some of the academic courses in the program curriculum.

Program Requirements

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.

Documents Required for Application Evaluation

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

- Completed application for admission form
- Official transcript(s)
- Proof of English language proficiency

Please refer to the program application dates in the Application Information section in this calendar.

DIPLOMA IN PROFESSIONAL PHOTOGRAPHY

CURRICULUM

TOTAL PROGRAM CREDITS: 66

TERM 1 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
MATH 1120	3
PHOT 1105	3
PHOT 1110	3
PHOT 1120	3
PHOT 1125	3
PHOT 1190	1

TERM 2 (TOTAL CREDITS: 18)

Course No.	Credits
All of	
BUSM 1901	3
DSGN 1151	3
PHOT 1205	3
PHOT 1210	3
PHOT 1225	3
One of	
CMNS 1115	3
CMNS 1122	3

TERM 3 (TOTAL CREDITS: 17)

Course No.	Credits
All of	
AHIS 1219	3
PHOT 1150	1
PHOT 2305	3
PHOT 2310	3
PHOT 2320	1
PHOT 2325	3
PHOT 2420	3

TERM 4 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
BUSM 1902	3
PHOT 2425	3
PHOT 2440	3
PHOT 2475	3
PHOT 2485	2
PHOT 2490	1

The advanced options include an off-campus element of 'field experience' for approximately 15 working days at photographic establishments during the spring term.

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 toward the professional photography credential.

Publishing

Department: Publishing
Division: Creative Arts & Industries
Program Intake: September

OPTION(S)

- Diploma in Publishing

GENERAL INFORMATION

Publishing is a hands-on program—a one-year, three-term diploma designed to provide a broad base of experience in electronic and print publishing.

In the production courses, students work to create a diverse range of work for their portfolios—including *Pacific Rim Magazine*, a full-colour magazine distributed in the *Globe and Mail*, and LangaraPRM.com, a professional dynamic website they code from the ground up.

First Semester: Design Foundations, Software, & Writing
The first semester equips students with the foundational software and design skills needed for subsequent semesters. Here, a full 12 credits are devoted to Adobe Creative Cloud—six for Photoshop, and three each for Illustrator and InDesign. This allows for the development of professional-level skills with industry-standard tools.

Tightly coupled with these software classes is the six-credit graphic design course. This integration of the courses is a fundamental aspect of the program: to have software skills these days is of course important, but those skills are infinitely more valuable when combined with design knowledge and ability.

In the two other first-term classes—Writing for Publication and Publishing Issues and Practices—students learn how to pitch, research, and write stories that engage readers and how to manage the technical, practical, and legal demands of work in the creative industries.

Second Semester: The Print Publishing Process
Second-semester courses such as Advanced Typography build on the skills developed in the first term while courses like Magazine & Offset Print Production I & II support the production of *Pacific Rim Magazine* while teaching real-world processes.

In addition to honing their print production skills, students in second term work in collaborative groups with their classmates and with students in the professional photography and business programs. This is an opportunity to produce a significant, large project—from concept through to attending the press check.

Third Semester: The Web
The primary focus of the final semester is electronic publishing: 12 of the summer term's 17 credits are devoted to web design and production.

In Web Design Fundamentals, students learn how to code HTML & CSS. Responsive design — building websites that adapt to phone, tablet, and desktop — is stressed from day one.

In Advanced Web Design, students learn how to design and code for content management systems like WordPress, acquiring the ability to produce and manage sophisticated database-driven websites.

Finally, students build their portfolios in the Self-Promotion in the Publishing Industry course and learn job search strategies to gain employment upon graduation.

Program content and the order of courses may be subject to modification without notice, prior to the commencement of the program, although the main scope of the curriculum will be unchanged.

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 or older.
2. Applicants will be required to provide proof of English language proficiency in one of the following ways:

- BC English 12 or BC English Literature 12 or BC English 12 First Peoples or equivalent with an minimum 80%;
- IB English A1 (Higher Level) with a minimum score of 5;
- AP English Composition or Literature with a minimum score of 4;
- LET minimum level 3;
- LPI (Language Proficiency Index) with a minimum of 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension;
- IELTS (International Language Testing System) minimum level 6.5, with a minimum of 6.0 in reading and writing;
- TOEFL (internet-based (IBT)) score of 80 with a minimum 18 in listening, 18 in speaking, 20 in reading, and 20 in writing;
- TOEFL (paper-based) 550 with TWE (essay) score of 4.0;
- CAEL 70 overall with essay 70; or
- Successful completion of a post-secondary English or communications course with a minimum "C" grade for which Langara offers university-transfer credit; or
- ENGL 1120 at Langara College with a minimum "C" grade.

Program Requirements

- Letter of intent, citing how the publishing program will support the applicant's career goals

Program Preferences

- Committed, creative applicants with developed skills in comparable areas, e.g. those who have successfully completed, either at Langara College or elsewhere, programs (or their equivalents) such as journalism, professional photography, library and information technology, display+design, design formation, fine arts, marketing management, business management, or second-year arts and sciences.
- Applicants with work experience in the publishing industry or those who have set up, or are planning to set up their own digital or print publishing business.
- Applicants with a strong background in fine arts who present a professional-level portfolio.

Documents Required for Application Consideration

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

- Completed application for admission form
- Official transcript(s)
- English assessment scores (LET, LPI, IELTS, TOEFL, or CAEL)
- Resumé (if applicable) and letter of intent

Please refer to the program application dates in the Application Information section in this calendar.

Program Notes

Advanced placement may be available to those who possess approved writing, editing, design, and computer skills, and those who have worked, or are working in the publishing or printing and related industries, or in corporate communications.

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

DIPLOMA IN PUBLISHING

CURRICULUM

TERM 1 (TOTAL CREDITS: 23)

Course No.	Credits
All of	
PUBL 1115	3
PUBL 1120	6
PUBL 1124	6
PUBL 1129	3
PUBL 1131	3
PUBL 1240	2

TERM 2 (TOTAL CREDITS: 21)

Course No.	Credits
All of	
PUBL 1155	3
PUBL 1157	3
PUBL 1158	3
PUBL 1161	6
PUBL 1164	6

TERM 3 (TOTAL CREDITS: 17)

Course No.	Credits
All of	
MARK 2400	3
PUBL 1220	6
PUBL 1232	3
PUBL 1235	3
PUBL 1241	2

Note:
In order to graduate, students need a minimum "C" grade in all courses used towards the publishing credential.

Theatre Arts at Studio 58

Department: Theatre Arts at Studio 58
Division: Creative Arts & Industries
Program Intake: September, January (Acting); January (Production)

OPTION(S)

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

GENERAL INFORMATION

Theatre Arts at Studio 58 offers a three-year acting diploma program and a two-year 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.

The instructors are professional working artists in their respective fields. 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.

Some lecture and theory are part of the training, but the practical application of various skills is given greatest emphasis.

ACTING OPTION

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 1, 2, and 3 is on class and project work. Students in Terms 1, 2, and 3 must also participate in extensive crew work on Studio 58 productions. Students in Terms 4, 5, and 6, 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.

PRODUCTION OPTION

This program is designed for individuals with previous 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 technical/backstage theatre they wish to concentrate their studies. The production option, after the first term, consists of classwork, practicum, and directed studies.

This option is not a general interest course in 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 productions.

The production option comprises four terms.

Grading

Acting: To be eligible for Terms 2 and 3, students must receive a minimum "C" grade in all subjects. To be eligible for Terms 4 and 5, students must receive a minimum "B-" grade in acting and a minimum "C" grade in all other subjects. To be eligible for Term 6, students must receive a minimum "B-" grade in THEA 2350 at the end of Term 5.

Production: To be eligible for Term 2, students must receive a minimum "C" grade in all subjects. To be eligible for Terms 3 and 4, students must receive a minimum "B-" grade in THEA 2150 or 2250.

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

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

1. Completion of BC Grade 12 or equivalent, or be 19 years of age or older.

2. If you are an international student, you must meet the College English proficiency requirement by satisfying one of the following:

- TOEFL (paper-based) with a total minimum score of 550 and a minimum essay score of 4.0;
- TOEFL (internet-based) with a total minimum score of 80 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;
- LPI (Language Proficiency Index) level 4 with essay 24;
- LET (Langara English Test) level 2;
- ELA (English Language Assessment) 145 offered by Vancouver Community College (VCC);
- Successful completion of LEAP level 8;
- Successful completion of BC Grade 12 English or communications or equivalent;
- Successful completion of a post-secondary English or communications course for which Langara College awards transfer credit; or
- Successful completion of VCC English 099.

Program Requirements

- 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.
- Applicants must indicate a high degree of commitment to pursuing a professional career in the theatre, film, TV, and related arts. Auditions take place in April and May.
- Good knowledge of the English language including the ability to speak, read aloud, and write clearly and correctly

Program Preferences

- Applicants who are at least 19 years of age
- Two years of post-secondary education and/or work experience not necessarily related to theatre arts

Documents Required for Application Evaluation

1. Completed application for admission form indicating which option desired: the acting option or the production option

2. Should they be successful in their auditions, students must submit the following documents to complete their applications:

- Official transcript(s)
- LET or LPI scores (if applicable)

Application and Supporting Documents Deadline

March 31. The acting option has intakes in September and January; the production option has an intake in January. Auditions for both options take place in April and May.

Program Notes:

- It is strongly recommended that students be financially able to support themselves without having to work during the term. 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.
- Students enrolled in the first four terms of the acting option are not permitted to take any performing jobs while registered in these terms. Senior students in both acting and production options sometimes are given the opportunity to gain additional experience by working with professional theatres in Vancouver and working on a film/TV project.

Auditions

- Acting: For potential acting students, the audition will consist of the presentation of memorized monologues, improvisations, and a sight-reading.
- Production: For potential production students, admission will be determined through an audition (see above) as well as completion of a project and an extensive interview.

Auditions for both acting and production options are held in late April, early May in Vancouver, Edmonton, Toronto, and Ottawa. Audition fee required.

Once admitted to Theatre Arts at Studio 58, students are required to take the Langara English Test (LET), or equivalent, to prove eligibility to take six credits of English necessary to complete the theatre arts diploma or arrange for transfer credit of a university-level English course acceptable to Langara.

DIPLOMA IN THEATRE ARTS AT STUDIO 58 (ACTING)

CURRICULUM

TERM 1 (TOTAL CREDITS: 15)

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

TERM 2 (TOTAL CREDITS: 15)

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

TERM 3 (TOTAL CREDITS: 15)

Course No.	Credit
All of	
THEA 2110[1]	4
THEA 2120	3
THEA 2130[2]	3
THEA 2140	3

Notes:

1. Effective Fall Semester 2016, THEA 2110 will be five credits
2. Effective Fall Semester 2016, THEA 2130 will be four credits

TERM 4 (TOTAL CREDITS: 14)

Course No.	Credits
All of	
THEA 2210[1]	4
THEA 2220	3
THEA 2230	3
THEA 2240	3

Note:

1. Effective Spring Semester 2017, THEA 2210 will be five credits.

TERM 5 (TOTAL CREDITS: 15)

Course No.	Credits
THEA 3150	15

TERM 6 (TOTAL CREDITS: 15)

Course No.	Credits
THEA 3250	15

DIPLOMA IN THEATRE ARTS AT STUDIO 58 (PRODUCTION)

CURRICULUM

TERM 1 (TOTAL CREDITS: 15)

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

TERM 2 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
THEA 2150	13
One of	
ENGL 1127	3
ENGL 1128	3
ENGL 1191	3
or any university-transferable ENGL course for which Langara College awards credit.	3

TERM 3 (TOTAL CREDITS: 15)

Course No.	Credits
THEA 2250	15

TERM 4 (TOTAL CREDITS: 15)

Course No.	Credits
THEA 2300	15

Program Note:
Theatre Arts at Studio 58 program curriculum is constantly under review to ensure it meets the needs of the profession.

Web and Mobile App Design and Development

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

OPTION(S)

- Post-Degree Diploma in Web and Mobile App, Designer Stream
- Post-Degree Diploma in Web and Mobile App, Designer Stream (Work Experience)
- Post-Degree Diploma in Web and Mobile App, Developer Stream
- Post-Degree Diploma in Web and Mobile App, Developer Stream (Work Experience)

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, they will produce real world projects, develop digital portfolios, and build industry connections. It consists of four semesters of in-class studies plus an optional semester experiential work term in which valuable industry work experience will be gained.

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

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

Academic Requirements

1. Bachelor's degree from a recognized college or university

2. Adequate command of spoken and written English is required for admission. Applicants whose native language is other than English and who do not hold the equivalent of a Canadian baccalaureate degree from an institution at which English is the language of instruction must submit one of the following:

- TOEFL (paper-based) with a total minimum score of 550 with TWE 4.0;
- TOEFL (internet-based) with a total minimum score of 80, and a minimum of 18 in listening and speaking, and 20 in reading and writing;
- IELTS minimum level 6.5, with a minimum of 6.0 in listening and speaking;
- CAEL overall score 60;
- LET (Langara English Test) minimum level 3;
- LPI (Language Proficiency Index) with a minimum of 26 on the essay and one of 5 in English usage, 5 in sentence structure or 10 in reading comprehension;
- LEAP 8;
- Successful completion of Access Langara;
- Successful completion of a post-secondary English or communications course for which Langara offers university-transfer credit;
- An "S" grade in ENGL 1107, 1108, or 1110; or
- A minimum "C" grade in ENGL 1120.

3. Students are also required to submit a letter of intent (maximum of two pages) that answers the following questions:

- Why are you interested in this program?
- How can this program help you achieve your career goals?

When applying, students will enroll into either the designer or developer stream within the PDD in Web and Mobile App Design and Development.

Program Notes

Admission to the program does not guarantee registration in required courses.

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

CURRICULUM

TOTAL PROGRAM CREDITS: 60

TERM 1 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4800	3
WMDD 4805	1.5
WMDD 4810	1.5
WMDD 4815	3
WMDD 4820	3
WMDD 4825	3

TERM 2 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4830	1.5
WMDD 4835	3
WMDD 4840	3
WMDD 4845	1.5
WMDD 4860	3
WMDD 4870	1.5
WMDD 4880	1.5

TERM 3 (TOTAL CREDITS: 15)

Course No.	Credit
All of	
WMDD 4900	3
WMDD 4925	3
WMDD 4960	1.5
WMDD 4980	3
WMDD 4990	1.5
One of	
WMDD 4920 and	1.5
WMDD 4935 or	1.5
WMDD 4992	3

TERM 4 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4905	3
WMDD 4910	3
WMDD 4915	3
WMDD 4965	1.5
WMDD 4985	3
WMDD 4995	1.5

Note:

Students must achieve a minimum "C" grade in all courses in the program to graduate.

POST-DEGREE DIPLOMA IN WEB AND MOBILE APP, DESIGNER STREAM (WORK EXPERIENCE)

CURRICULUM

TOTAL PROGRAM CREDITS: 66

TERM 1 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
EXPE 4801 [2]	1
WMDD 4800	3
WMDD 4805	1.5
WMDD 4810	1.5
WMDD 4815	3
WMDD 4820	3
WMDD 4825	3

TERM 2 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
EXPE 4802 [2]	1
WMDD 4830	1.5
WMDD 4835	3
WMDD 4840	3
WMDD 4845	1.5
WMDD 4860	3
WMDD 4870	1.5
WMDD 4880	1.5

TERM 3 (TOTAL CREDITS: 16)

Course No.	Credit
All of	
EXPE 4803 [2]	1
WMDD 4900	3
WMDD 4925	3
WMDD 4960	1.5
WMDD 4980	3
WMDD 4990	1.5
One of	
WMDD 4920 and	1.5
WMDD 4935 or	1.5
WMDD 4992	3

TERM 4 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4905	3
WMDD 4910	3
WMDD 4915	3
WMDD 4965	1.5
WMDD 4985	3
WMDD 4995	1.5

TERM 5 (TOTAL CREDITS: 3)

Course No.	Credits
EXPE 4834[2]	3

Notes:

1. Students must achieve a minimum "C" grade in all courses in the program to graduate.
2. Students wishing to pursue the Experiential Learning Work Term (EXPE 4834) are required to first complete EXPE 4801, 4802, and 4803. These EXPE courses will be charged at a different tuition rate than the WMDD courses.

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

CURRICULUM

TOTAL PROGRAM CREDITS: 60

TERM 1 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4800	3
WMDD 4805	1.5
WMDD 4810	1.5
WMDD 4815	3
WMDD 4820	3
WMDD 4825	3

TERM 2 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
WMDD 4830	1.5
WMDD 4835	3
WMDD 4840	3
WMDD 4845	1.5
WMDD 4860	3
WMDD 4870	1.5
WMDD 4880	1.5

TERM 3 (TOTAL CREDITS: 15)

Course No.	Credit
All of	
WMDD 4920	1.5
WMDD 4930	3
WMDD 4935	1.5
WMDD 4960	1.5
WMDD 4980	3
WMDD 4990	1.5
One of	
WMDD 4925	3
WMDD 4992	3

TERM 4 (TOTAL CREDITS: 15)

Course No.	Credit
All of	
WMDD 4940	3
WMDD 4945	3
WMDD 4950	3
WMDD 4985	3
WMDD 4995	1.5
WMDD 4999	1.5

Note:

Students must achieve a minimum "C" grade in all courses in the program to graduate.

POST-DEGREE DIPLOMA IN WEB AND MOBILE APP, DEVELOPER STREAM (WORK EXPERIENCE)

CURRICULUM

TOTAL PROGRAM CREDITS: 66

TERM 1 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
EXPE 4801 [2]	1
WMDD 4800	3
WMDD 4805	1.5
WMDD 4810	1.5
WMDD 4815	3
WMDD 4820	3
WMDD 4825	3

TERM 2 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
EXPE 4802[2]	1
WMDD 4830	1.5
WMDD 4835	3
WMDD 4840	3
WMDD 4845	1.5
WMDD 4860	3
WMDD 4870	1.5
WMDD 4880	1.5

TERM 3 (TOTAL CREDITS: 16)

Course No.	Credit
All of	
EXPE 4803 [2]	1
WMDD 4920	1.5
WMDD 4930	3
WMDD 4935	1.5
WMDD 4960	1.5
WMDD 4980	3
WMDD 4990	1.5
One of	
WMDD 4925	3
WMDD 4992	3

TERM 4 (TOTAL CREDITS: 15)

Course No.	Credit
All of	
WMDD 4940	3
WMDD 4945	3
WMDD 4950	3
WMDD 4985	3
WMDD 4995	1.5
WMDD 4999	1.5

TERM 5 (TOTAL CREDITS: 3)

Course No.	Credits
EXPE 4834[2]	3

Notes:

1. Students must achieve a minimum "C" grade in all courses in the program to graduate.
2. Students wishing to pursue the Experiential Learning Work Term (EXPE 4834) are required to first complete EXPE 4801, 4802, and 4803. These EXPE courses will be charged at a different tuition rate than the WMDD courses.

HUMANITIES

Access Langara

Department: English
Division: Humanities
Program Intake: September, January, May

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;
- 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 A.B.E. (Adult Basic Education) or G.E.D. (General Educational Development) program.

CITATION IN ACCESS LANGARA

CURRICULUM
TOTAL PROGRAM CREDITS: 12-30

TERM 1

Course No.	Credits
ENGL 1106	6

Students may also take four additional university-transferable credits

TERM 2

Course No.	Credits
ENGL 1120	3

Students may also take seven additional university-transferable credits

TERM 3

Students may take up to 10 university-transferable credits

Note:
Students who successfully complete ENGL 1106 and 1120 and a minimum of three additional UT credits will be eligible for an Access Langara citation.

Students must remain registered in ENGL 1106 (Term 1) and 1120 (Term 2) to maintain their registration in other regular studies courses

- 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.
- 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.
- 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
Program Intake: September, January, May

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

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

CERTIFICATE IN ART HISTORY

CURRICULUM

TOTAL CREDITS: 30

Course No.	Credits
Six of	
AHIS 1110	3
AHIS 1111	3
AHIS 1112	3
AHIS 1113	3
AHIS 1114	3
AHIS 1115	3
AHIS 1118	3
AHIS 1119	3
AHIS 1195	3
AHIS 1210	3
AHIS 1212	3
AHIS 1214	3
AHIS 1215	3
AHIS 1216	3
AHIS 1217	3
AHIS 1218	3
AHIS 1219	3
AHIS 1295	3
AHIS 1301	3
AHIS 1302	3
FINA 2150	3
FINA 2250	3
Four of university-transferable electives	12

Notes:

1. Art history credit must include at least one of the following pairs: AHIS 1112 and 1212; 1114 and 1214; or 1301 and 1302.
2. A link to course attribute information can be found in the course description.
3. 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
Program Intake: September, January, May

OPTION(S)

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

ADMISSION REQUIREMENTS

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

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
Two of	
CNST 1110	3
CNST 1120	3
CNST 1130	3
CNST 1140	3
CNST 1150	3
All of	
ENGL 2225	3
HIST 1116	3
HIST 1126	3
One of	
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
Two of	
CNST 1110	3
CNST 1120	3
CNST 1130	3
CNST 1140	3
CNST 1150	3
All of	
ENGL 2225	3
HIST 1116	3
HIST 1126	3
One of	
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
Program Intake: September, January, May

OPTION(S)

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

ADMISSION REQUIREMENTS

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

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 1110	3
CLST 1120	3
One of	
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
GREK 1115 and	3
GREK 1215	3
or	
HIST 2210 and	3
HIST 2211	3
or	
LATN 1115 and	3
LATN 1117	3

Four of	
AHIS 1114	3
AHIS 1214	3
ANTH 1170	3
ANTH 1185	3
ANTH 2250	3
CLST 1102	3
CLST 2230	3
CLST 2276	3
ENGL 1181 (designated section)	3
ENGL 2237 (designated section)	3
HIST 1113	3
HIST 1114	3
HIST 1123	3
HIST 1190	3
HIST 2236	3
HIST 2237	3
LATN 1101	3
LATN 2225	3
LATN 2227	3
PHIL 1100 (with prior approval of program co-ordinator)	3
PHIL 1101 (with prior approval of program co-ordinator)	3
RELS 1230	3
and other such relevant courses that may be offered from time to time.	

Registration and attendance for one semester in CLST 1105 (0 credit), a weekly colloquium on classical topics.

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 1110	3
CLST 1120	3
One of	
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
GREK 1115 and	3
GREK 1215	3
or	
HIST 2210 and	3
HIST 2211	3
or	
LATN 1115 and	3
LATN 1117	3
Four of	
AHIS 1114	3
AHIS 1214	3
ANTH 1170	3
ANTH 1185	3
ANTH 2250	3
CLST 1102	3
CLST 2230	3
CLST 2276	3
ENGL 1181 (designated section)	3
ENGL 2237 (designated section)	3
HIST 1113	3
HIST 1114	3
HIST 1123	3
HIST 1190	3
HIST 2236	3
HIST 2237	3
LATN 1101	3
LATN 2225	3
LATN 2227	3
PHIL 1100 (with prior approval of program co-ordinator)	3
PHIL 1101 (with prior approval of program co-ordinator)	3
RELS 1230	3
and other such relevant courses that may be offered from time to time.	

Registration and attendance for one semester in CLST 1105 (0 credits), a weekly colloquium on classical topics.

For more detailed information contact the co-ordinator of classical studies.

Creative Writing

Department: English
Division: Humanities
Program Intake: September, January, May

OPTION(S)

- Associate of Arts Degree in Creative Writing

ADMISSION REQUIREMENTS

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

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 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
Program Intake: September, January, May

OPTION(S)

- Associate of Arts Degree in English

ADMISSION REQUIREMENTS

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

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 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	3
ENGL 1135	3
ENGL 1181	3
ENGL 1191	3
ENGL 2236	3
ENGL 2246	3
ENGL 2256	3
ENGL 2266	3
ENGL 2276	3

Environmental Studies

Department: Interdisciplinary Studies
Division: Humanities
Program Intake: September, January, May

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

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

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 2410	3
ENVS 2470	3
GEOG 1155	3
One of	
ENVS 2100	3
ENVS 2390	3
One of	
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,	4
CHEM 1217 or	4
CHEM 1220,	4
GEOG 1190 or	3
GEOL 1110 [2]	3
GEOG 1180	3
One of	
MATH, CPSC, 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 1110 are considered identical courses. Students who take both GEOG 1190 and GEOL 1110 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 2410	3
ENVS 2470	3
GEOG 1155	3
GEOG 1180	3
One of	
ENVS 2100	3
ENVS 2390	3
One of	
GEOG 1190	3
GEOL 1110 [1]	3
One of	
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
Five of	
BIOL 2286	3
BIOL 2315	3
BIOL 2340	3
BIOL 2370	3
BIOL 2380	3
BIOL 2415	3
BIOL 2440	3
BIOL 2450	3
BIOL 2470	3
BIOL 2480	3
CHEM 2222	4
CHEM 2224	4
CHEM 2250	4
CHEM 2316	4
CHEM 2416	4
GEOG 2210	3
GEOG 2290	3
GEOL 2207	3
Two MATH courses which shall include at least one course in calculus (3 credits).	6

Notes:

1. At some institutions, GEOG 1190 and GEOL 1110 are considered identical courses. Students who take both GEOG 1190 and GEOL 1110 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 2410	3
ENVS 2470	3
GEOG 1155	3
GEOG 1180	3
One of	
ENVS 2100	3
ENVS 2390	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 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
GEOG 1190	3
GEOL 1110 [6]	3
ELECTIVES:	
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	3
BIOL 2340	3
BIOL 2370	3
BIOL 2380	3
BIOL 2415	3
BIOL 2440	3
BIOL 2450	3
BIOL 2470	3
BIOL 2480	3
CHEM 1117	4
CHEM 1120	4
CHEM 1217	4
CHEM 1220	4
CHEM 2222	4
CHEM 2224	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
Any two first-year, university-transfer MATH courses.	6
Any two first-year, university-transfer PHYS courses.	6

Notes:

1. When choosing courses, students should consult the arts and science diploma 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 1110 are considered identical courses. Students who take both GEOG 1190 and GEOL 1110 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; and 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.

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	3
BIOL 2340	3
BIOL 2370	3
BIOL 2380	3
BIOL 2415	3
BIOL 2440	3
BIOL 2450	3
BIOL 2470	3
BIOL 2480	3
CHEM 1117	4
CHEM 1120	4
CHEM 1217	4
CHEM 1220	4
CHEM 2222	4
CHEM 2224	4
CHEM 2250	4
CHEM 2316	4
CHEM 2416	4
ECON 1110	3
ECON 2260	3
ENGL 2237 [2]	3
ENVS 2100	3
ENVS 2390	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 1110 [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 1110 towards the citation.

Family Studies

Department: Interdisciplinary Studies
Division: Humanities
Program Intake: September, January, May

OPTION(S)

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

ADMISSION REQUIREMENTS

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

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 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 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
Program Intake: September, January, May

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

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

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
All of	
LAMS 1100	3
SPAN 1115 [1]	3
Three of	
LAMS 1101 and	3
LAMS 1105 (lecture series - attendance required)	0
LAMS 1102	3
LAMS 2203	3
LAMS 2206	3
Two of	
AHIS 1111	3
ANTH 1160	3
ANTH 2230	3
ANTH 2234	3
GEOG 2250	3
PCCN 1201 or	3
POLI 1145	3
PCCN 1202	3
POLI 1140	3
POLI 1145	3
POLI 1250	3
POLI 2240	3
WMST 1195	3
or students may take one of the above in addition to one of the following:	
SPAN 1205	3
SPAN 1215	3
SPAN 2119	3
SPAN 2219	3

Notes:

1. Or equivalent proficiency demonstrated by taking a Spanish proficiency test with modern languages.

2. Students whose level of Spanish fluency excludes them from Langara's Spanish language courses must complete all of LAMS 1100, 1101, 2203, and 2206.

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
All of	
LAMS 1100	3
SPAN 1115 [1]	3
Three of	
LAMS 1101 and	3
LAMS 1105 (lecture series - attendance required)	0
LAMS 1102	3
LAMS 2203	3
LAMS 2206	3
Two of	
AHIS 1111	3
ANTH 1160	3
ANTH 2230	3
ANTH 2234	3
GEOG 2250	3
PCCN 1201 or	3
POLI 1145	3
PCCN 1202	3
POLI 1140	3
POLI 1145	3
POLI 1250	3
POLI 2240	3
WMST 1195	3
or students may take one of the above in addition to one of the following:	
SPAN 1205	3
SPAN 1215	3
SPAN 2119	3
SPAN 2219	3

Notes:

1. Or equivalent proficiency demonstrated by taking a Spanish proficiency test with modern languages.

2. Students whose level of Spanish fluency excludes them from Langara's Spanish language courses must complete all of LAMS 1100, 1101, 2203, and 2206.

CITATION IN LATIN AMERICAN STUDIES

GENERAL INFORMATION

The Citation in Latin American Studies recognizes students who have completed a minimum of 12 credits of study with a focus on courses in Latin American studies and Spanish.

CURRICULUM

Course No.	Credits
All of	
LAMS 1100	3
SPAN 1115 [1]	3
Two of	
LAMS 1101	3
LAMS 1102	3
LAMS 2203	3
LAMS 2206	3

Notes:

1. Or equivalent proficiency demonstrated by taking a Spanish proficiency test with modern languages.

2. Students whose level of Spanish fluency excludes them from Langara's Spanish 1115 must complete LAMS 1100 and three of LAMS 1101, 1102, 2203 and, 2206.

Peace & Conflict Studies

Department: Interdisciplinary Studies
Division: Humanities
Program Intake: September, January, May

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

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

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	3
PCCN 1202	3
POLI 1145	3
One of	
ENGL 1100	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	3
BIOL 1185	3
CHEM 1117	3
CHEM 1217	3
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	3
PCCN 1202	3
POLI 1145	3
One of	
ENGL 1100	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	3
BIOL 1185	3
CHEM 1117	3
CHEM 1217	3
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 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

Philosophy

Department: Philosophy
Division: Humanities
Program Intake: September, January, May

OPTION(S)

- Associate of Arts Degree in Philosophy

ADMISSION REQUIREMENTS

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

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
Program Intake: September, January, May

OPTION(S)

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

ADMISSION REQUIREMENTS

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

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 (whichever was not already taken)	3

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 (whichever was not already taken)	3

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)

Program Intake: September, January, May

OPTION(S)

- Associate of Arts Degree

ADMISSION REQUIREMENTS

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

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);
5. The last 50% of the courses used towards the associate degree at Langara College within the last five years; and
6. 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.

Arts and Science (General)

Program Intake: September, January, May

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

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

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]

Notes:

1. Course attribute information can be found on the Langara 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.

Science (General)

Program Intake: September, January, May

OPTION(S)

- Associate of Science Degree

ADMISSION REQUIREMENTS

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

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);
6. The last 50% of the courses used towards the associate degree at Langara College within the last five years; and all courses used towards the degree with a cumulative GPA of 2.0, including a minimum cumulative GPA of 2.0 in all Langara College courses used towards the degree;
7. 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.

MANAGEMENT PROGRAMS

Accounting

Department: Langara School of Management
Division: Management Programs
Program Intake: September, January, May

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).

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 BC Grade 12 English or communications or equivalent;
   - 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 minimum total score of 550 and a minimum essay score of 4.0;
   - TOEFL (internet-based) with a minimum total score of 80 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 attempted 24 credits or more of post-secondary study must have a minimum GPA of 2.00.

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

DIPLOMA IN ACCOUNTING

CURRICULUM

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

TOTAL PROGRAM 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 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. 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 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 1127	3
ENGL 1128	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3

WORK TERM 1 (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 chourse schedule.

Accounting (Post-Degree)

Department: Langara School of Management
Division: Management Programs
Program Intake: September, January, May

OPTION(S)

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

GENERAL INFORMATION

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

ADMISSION REQUIREMENTS

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

Academic Requirements

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. Adequate command of spoken and written English is required for admission. Applicants whose native language is other than English and who do not hold the equivalent of a Canadian baccalaureate degree from an institution at which English is the language of instruction must submit one of the following:

- TOEFL (paper-based) with a minimum total score of 570, and a minimum of 55 each for reading, listening, and writing (4.0 on test of written English);
- TOEFL (internet-based) with a minimum total score of 90, and a minimum of 22 in listening, 22 in reading, 21 in speaking, and 21 in writing;
- IELTS minimum overall score of 6.5, with no less than 6.0 in any of the four modules;

- CAEL overall score 70;
- LEAP 8; or
- Successful completion of Access Langara.

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

POST-DEGREE DIPLOMA IN ACCOUNTING

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 PROGRAM 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

GRADUATION REQUIREMENTS

Successful completion of the Post-Degree Diploma in Accounting (PDD-A) 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.

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).

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

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.

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 4801	1
EXPE 4802	1
EXPE 4803	1
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

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 (PDD-A) 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.

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).

Advanced Accounting

Department: Langara School of Management
Division: Management Programs
Program Intake: September, January, May

OPTION(S)

- Certifcate in Advanced Accounting

GENERAL INFORMATION

This certificate will provide the job-ready skills that employers across the country value within the accounting and finance functions of their businesses. The Certificate in Advanced Accounting will give opportunities to:

- Students graduating from a two-year college program
- Employees working in an accounting function without a recognized credential
- Internationally trained accountants wanting to work in Canada

This certificate will allow students to write the qualifying exam through CPA Canada that will give them CPA's Advanced Certificate in Accounting and Finance.

CERTIFICATE IN ADVANCED ACCOUNTING

ADMISSION REQUIREMENTS

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

Academic Requirements

1. Applicants must complete the folowing courses with a minimum "C" grade:
   - BCAP 1200
   - BUSM 1285
   - CMNS 1118
   - FMGT 1115 and 1215; or 2293
   - FMGT 1321, 2294, 2325, 2371, 2421, and 2474

Program Notes:

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

CURRICULUM

To obtain the Certificate in Advanced Accounting, students must complete a minimum of 30 credits.

TOTAL PROGRAM CREDITS: 30

Course No.	Credits
All of	
BCAP 3200	3
FMGT 2308	3
FMGT 3121	3
FMGT 3223	3
FMGT 3263	3
FMGT 4225	3
FMGT 4510	3
FMGT 4520	3
Two of	
FMGT 4530	3
FMGT 4540	3
FMGT 4550	3
FMGT 4560	3

Note:
In order to graduate, students must achieve a minimum "C" grade in all courses.

Business Administration (BBA)

Department: Langara School of Management
Division: Management Programs
Program Intake: September, January, May

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.

Change to Admission Requirements

1. Completion of BC Grade 12 or equivalent, or be 19 years of age.
2. One of the following:
   - Successful completion of BC Grade 12 English or communications or equivalent;
   - 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 minimum total score of 550 and a minimum essay score of 4.0;
   - TOEFL (internet-based) with a minimum total score of 80 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.

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)

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; or
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).

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.

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.

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 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 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 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 (five courses) can complete the entire BBA degree in four years. Recommended course sequencing is available from the Langara School of Management.

Please note that once admitted to the Langara School of Management, students are expected to complete all their coursework at Langara College. Students who wish to complete courses elsewhere and use them towards their Langara College BBA are required to apply to the Graduation Adjudication Committee (through Registrar & Enrolment Services) to request permission to transfer in these courses. An application must be made prior to and well in advance of registering into these courses.

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 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 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 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	3
(whichever not taken in first or second year)	
13 courses from one of the following areas of concentration (see concentrations equirements 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	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 1 (TOTAL CREDITS: 3)

Course No.	Credits
COOP 2301	3

WORK TERM 2 (TOTAL CREDITS: 3)

Course No.	Credits
COOP 2501	3

WORK TERM 3 (TOTAL CREDITS: 3)

Course No.	Credits
COOP 3301	3

WORK TERM 4 (TOTAL CREDITS: 3)

Course No.	Credits
COOP 4301	3

Business Administration (Post-Degree)

Department: Langara School of Management
Division: Management Programs
Program Intake: January

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

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

Academic Requirements

1. The applicant must have a bachelor's degree from a recognized college or university.

2. Adequate command of spoken and written English is required for admission. Applicants whose native language is other than English and who do not hold the equivalent of a Canadian baccalaureate degree from an institution at which English is the language of instruction must submit one of the following:

- TOEFL (paper-based) with a minimum total score of 570, and a minimum of 55 each for reading, listening, and writing (4.0 on test of written English);
- TOEFL (internet-based) with a minimum total score of 90, and a minimum of 22 in listening, 22 in reading, 21 in speaking, and 21 in writing;
- IELTS score of at least 6.5 overall, with no less than 6.0 in any of the four modules;
- CAEL overall score 70;
- LEAP 8; or
- Successful completion of Access Langara.

Note:

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.

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 PROGRAM 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
BUSM4850	3
EXPE 4801	1
EXPE 4802	1
EXPE 4803	1
EXPE 4814	3
FMGT 4816	3
INTB 4810	3
MARK 4800	3
MARK 4810	3
STAT 4800	3

Business Management

Department: Langara School of Management
Division: Management Programs
Program Intake: September, January, and May

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.

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 BC Grade 12 English or communications or equivalent;
   - 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 minimum total score of 550 and an minimum essay score of 4.0;
   - TOEFL (internet-based) with a minimum total score of 80 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 attempted 24 credits or more of post-secondary study must have a minimum CGPA of 2.00.

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

DIPLOMA IN BUSINESS MANAGEMENT

CURRICULUM

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

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 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. 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-operative 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 Business Management (Co-operative Education), students will be required to attain 69 credits as described below:

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 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	6

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

WORK TERM 1 (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
Program Intake: September, January, May

OPTION(S)

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

ADMISSION REQUIREMENTS

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

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 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 1173/1183 or 1171 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 1 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
MATH 1174 [1]	3

One of	
ENGL 1127	3
ENGL 1128	3
One of	
ECON 1220	3
ECON 1221	3
Two electives [2, 3, 4]	6

TERM 2 (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 3 (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 4 (TOTAL CREDITS: 15)

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

Financial Management

Department: Langara School of Management
Division: Management Programs
Program Intake: September, January, May

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.

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 BC Grade 12 English or communications or equivalent;
   - 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 minimum total score of 550 and a minimum essay score of 4;
   - TOEFL (internet-based) with a minimum total score of 80 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);
   - Successful completion of VCC English 099.
3. Applicants who have attempted 24 credits or more of post-secondary study must have a minimum CGPA of 2.00.

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

DIPLOMA IN FINANCIAL MANAGEMENT

CURRICULUM

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

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 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
FMGT 1321 [2]	3
FMGT 2294 [2]	3
FMGT 2308 [2] or	3
MATH 1210 (whichever has not been taken to satisfy the core requirement above)	3
FMGT 2421 [2]	3
FMGT 2423 [2]	3
FMGT 2475	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

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.

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.

Also see co-operative education programs.

CURRICULUM

To obtain a Diploma in Financial Management (Co-operative Education), students will be required to attain 69 credits as described below:

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 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
FMGT 1321 [1]	3
FMGT 2294 [1]	3
FMGT 2308 [1] or	3
MATH 1210 (whichever has not been taken to satisfy the core requirement above)	3
FMGT 2421 [1]	3
FMGT 2423 [1]	3
FMGT 2475	3
INTB 2330	3
MARK 1115	3
Two elective courses chosen from the arts and science or career program course offerings	6

WORK TERM 1 (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
Program Intake: September, January, May

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.

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 BC Grade 12 English or communications or equivalent;
   - Successful completion of a post-secondary English or communications course for which Langara awards transfer credit;
   - LET (Langara English Test) level 2;
   - LPI (Language Proficiency Index) level 4 with essay 24;
   - TOEFL (internet-based) with a minimum total score of 80 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);
- Successful completion of VCC English 099.

3. Applicants who have attempted 24 credits or more of post-secondary study must have a minimum CGPA of 2.00.

DIPLOMA IN FINANCIAL SERVICES

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 2474	3
FMGT 2500	3
MARK 1115	3
MARK 2100	3
MARK 2400	3
One of	
MARK 1200	3
MARK 2500	3
One of	
MATH 1118[3]	3
MATH 1119[3]	3
MATH 1171[3]	3
MATH 1174[3]	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
Two of:	
ENGL 1127 or	3
ENGL 1128 [2 3]	3
ECON 1220	3
BUSM 1100 [2]	3
Any 1xxx or 2xxx level BCAP, BUSM, INTB, or MARK courses [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 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 1127 or 1128, and MATH 1118, 119, 1171, or 1174.

DIPLOMA IN FINANCIAL SERVICES (CO-OPERATIVE EDUCATION)

ADMISSION REQUIREMENTS

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

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;
- Have a one on one meeting with a co-op instructor; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

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 2474	3
FMGT 2500	3
MARK 1115	3
MARK 2100	3
MARK 2400	3
One of	
MARK 1200	3
MARK 2500	3
One of	
MATH 1118 [3]	3
MATH 1119 [3]	3
MATH 1171 [3]	3
MATH 1174 [3]	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
Work Term:	
COOP 2301	3
Two of:	
ENGL 1127 or	3
ENGL 1128 [2 3]	3
ECON 1220	3
BUSM 1100 [2]	3
Any 1xxx or 2xxx level BCAP, BUSM, INTB, or MARK courses [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 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 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
Program Intake: September, January, May

OPTION(S)

- Associate of Science Degree in Food and Nutrition

ADMISSION REQUIREMENTS

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

TRANSFERABILITY

Completion of this associate degree may allow students to transfer to general science programs at the university level or to the Bachelor of Science in Food, Nutrition, and Health in the Faculty of Land and Food Systems at UBC. Depending on a student's GPA it may also meet academic requirements necessary for application to the Dietetics Major. Please note, students are not guaranteed admission to the Dietetics Major. (https://students.ubc.ca/enrolment/courses/non-degree-studies)

Completion of the Associate of Science Degree in Food and Nutrition may prepare students for eligibility to apply to general science or food and nutirion degree programs at other universities across Canada.

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 Associate of Science Degree in Food and Nutrition 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 changes. 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 78 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 1190	3
BIOL 1191	3
BIOL 2315	3
BIOL 2370	3
BIOL 2415	3
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 1127	3
ENGL 1128	3
One additional first-year ENGL course	3
One of	
ANTH 1120	3
or	
PSYC 1115 and	3
PSYC 1215	3
or	
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
Program Intake: September, January, May

OPTION(S)

- Diploma in Food, Nutrition, and Health Transfer

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. Students first apply to the Associate of Science Degree in Food and Nutrition, and must complete all of the courses identified below with a minimum CGPA of 3.0:

All of
BIOL 1115
BIOL 1190
BIOL 1215
CHEM 1120
CHEM 1220
NUTR 2112
NUTR 2212
STAT 1181

One of
ENGL 1127
ENGL 1128

One of
MATH 1153 and
MATH 1253
or
MATH 1171
or
MATH 1173 and
MATH 1183
or
MATH 1174

Documents Required for Application Evaluation

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

- Completed application for admission form
- Official transcript(s) (if applicable)
- Valid FoodSafe 1
- Resumé indicating a minimum of six months food service or nutrition related experience - paid or volunteer
- A letter of intent (maximum two pages) that explains why the applicant whishes to be considered for the program

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 Bachelor of Science in Food, Nutrition & Health in the Faculty of Land and Food Systems, for students who have completed this transfer program with a minimum CGPA of 3.0.

CURRICULUM

Students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
BIOL 1191	3
BIOL 2315	3
BIOL 2370	3
BIOL 2415	3
CHEM 2316	4
CHEM 2416	4
FSRV 1213	3
STAT 2225	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
MATH 1271	3
or	
MATH 1273 and	3
MATH 1283	1
or	
MATH 1274	3
One of	
ANTH 1120	3
or	
PSYC 1115 and	3
PSYC 1215	3
or	
SOCI 1120 and	3
SOCI 1121	3
Electives [1]	25

Notes:

1. Courses required as prerequisites can be used to satisfy the electives requirement. Courses from ABE, COOP, and EXPE will not be accepted.
2. 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.
3. Students must achieve a minimum CGPA of 3.0 in all courses taken in order to graduate from the Diploma in Food, Nutrition, and Health Transfer. Students who do not achieve a minimum CGPA of 3.0 have the option of completing the Associate of Science Degree in Food and Nutrition.
4. Graduates of the Diploma in Food, Nutrition, and Health Transfer may receive preferential admission to the Bachelor of Science in Food, Nutrition, and Health within the Faculty of Land and Food Systems at UBC.
5. Students interested in the dietetics major at UBC are encouraged to visit the program website to learn about the program, its admission requirements and procedures, and the profession, including information on events and employment/volunteer opportunities.
6. 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.

Marketing Management

Department: Langara School of Management
Division: Management Programs
Program Intake: September, January, May

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.

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 BC Grade 12 English or communications or equivalent;
   - 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 minimum score of 550 and a minimum essay score of 4.0;
   - TOEFL (internet-based) with a minimum total score of 80 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 attempted 24 credits or more of post-secondary study must have a minimum CGPA of 2.00.

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

DIPLOMA IN MARKETING MANAGEMENT

CURRICULUM

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

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	
MARK 1200	3
MARK 2500	3
One of	
FMGT 1115 and	3
FMGT 1215	3
FMGT 1116	3
FMGT 2293	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
One of	
ECON 1220	3
ECON 1221	3
One of	
ENGL 1127	3
ENGL 1128	3
One of	
MATH 1118	3
MATH 1119	3
MATH 1171	3
MATH 1174	3
One business elective 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	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 69 credits as described below:

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	
MARK 1200	3
MARK 2500	3
One of	
FMGT 1115 and	3
FMGT 1215	3
FMGT 1116	3
FMGT 2293	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
One of	
ECON 1220	3
ECON 1221	3
One of	
ENGL 1127	3
ENGL 1128	3
One of	
MATH 1118	3
MATH 1119	3
MATH 1171	3
MATH 1174	3
One business elective	3
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	3
Two general education electives	6

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

WORK TERM 1 (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
Program Intake: September, January, May

OPTION(S)

- Post-Degree Diploma in Marketing Management (Work Experience)

GENERAL INFORMATION

This Post-Degree Diploma in Marketing Management (PDD-MM) 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-MM 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

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

Academic Requirements

1. The applicant must have a bachelor's degree from a recognized college or university.
2. Adequate command of spoken and written English is required for admission. Applicants whose native language is other than English and who do not hold the equivalent of a Canadian baccalaureate degree from an institution at which English is the language of instruction must submit one of the following:

- TOEFL (paper-based) with a minimum total score of 570, and a minimum of 55 each for reading, listening, and writing (4.0 on test of written English);
- TOEFL (internet-based) with a minimum total score of 90, and a minimum of 22 in listening, 22 in reading, 21 in speaking, and 21 in writing;
- IELTS minimum score of 6.5 overall, with no less than 6.0 in any of the four modules;
- CAEL overall score 70;
- LEAP 8; or
- Successful completion of Access Langara.

Notes:

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.

POST-DEGREE DIPLOMA IN MARKETING MANAGEMENT (WORK EXPERIENCE)

CURRICULUM

Course No.	Credits
All of	
BUSM 4800	3
BUSM 4805	3
BUSM 4820	3
BUSM 4850	3
EXPE 4801	1
EXPE 4802	1
EXPE 4803	1
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:

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.

Nutrition & Food Service Management

Department: Nutrition & Food Service Management
Division: Management Programs
Program Intake: September, January, May

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)
- Diploma in Nutrition and Food Service Management (Co-operative Education)

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.

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).

ADMISSION REQUIREMENTS

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

Academic Requirements

1. Completion of BC Grade 12 or equivalent, or be 19 years of age or older.
2. All students applying to the Diploma in Nutrition and Food Service Management must have a level of English sufficient to write assignments, read and understand course material, complete assessments and take part in class discussion. Students will be required to provide proof of English language proficiency in one of the following ways:
   - A minimum 80% grade in one of the following courses (or equivalent):
     - English 12;
     - English Literature 12; or
     - English 12 First Peoples.
   - LPI (Language Proficiency Index) with a minimum of 26 on the essay and one of 5 in English usage, 5 in sentence structure or 10 in reading comprehension;
   - LET (Langara English Test) minimum level 3;
   - Successful completion of a post-secondary English or communications course for which Langara offers university-transfer credit;
   - A "C" in ENGL 1120;
   - An "S" in ENGL 1107, 1108, or 1110 at Langara College;
   - TOEFL (internet-based (IBT)) score of 80, with a minimum of 20 in reading and writing and 18 in speaking and listening;
   - TOEFL (paper-based) 550 with TWE 4.0;
   - IELTS (International Language Testing System) minimum level 6.5 with a minimum of 6.0 in listening and speaking; or
   - CAEL 60 overall with essay 60.
   - Please note: Applicants admitted into the Diploma in Nutrition and Food Service Management on the basis of a TOEFL, IELTS, or CAEL assessment score, will be required to take the Langara English Test (LET) (or equivalent) and be placed into an appropriate English course based on their score.
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. Resumé

5. A letter of intent (maximum two pages) that explains why the applicant wishes to enter the program and that demonstrates he/she has an understanding of the role and responsibilities of a nutrition manager in a health care setting.
6. Valid FoodSafe Level I (Basic) or equivalent - completed in the last five years
7. 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.

Application and Supporting Documents Deadline

- Three months prior to the commencement of each semester. Late applications will be accepted if space is available. Please refer to the program application dates in the Application Information section.
- All required documents must be submitted by the application deadline.
- Applications will not be considered until all documents have been received.

Program Notes:

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.

DIPLOMA IN NUTRITION AND FOOD SERVICE MANAGEMENT

CURRICULUM

TOTAL CREDITS: 60-63

YEAR 1

Course No.	Credits
All of	
FSRV 1113	3
FSRV 1213	3
FSRV 1219	2
FSRV 3114 [2]	3
FSRV 3214 [2]	3
NUTR 2112 [1, 2]	3
NUTR 2212 [1, 2]	3

Support Courses (to be taken year 1)

Course No.	Credits
One of	
BIOL 1111	4
BIOL 1115	4
BIOL 1175 [7]	3
BIOL 1190	3
BIOL 1216	4
One of	
BUSM 1100	3
BUSM 2200	3
One of	
CMNS 1118 [1]	3
ENGL 1127 [1]	3

YEAR 2

Course No.	Credits
All of	
FSRV 2329 [6]	2
FSRV 2429	2
FSRV 4323 [1, 5]	3
FSRV 4324 [5]	3
FSRV 4444	3
NUTR 2322 [1, 2]	3
NUTR 2422 [1, 2]	3
One of	
FSRV 2529 [6]	3
FSRV 2629 [6]	5

Support Courses (to be taken year 2)

Course No.	Credits
One of	
BUSM 1500 [1]	3
CMNS 1115 [1]	3
CMNS 2228 [1, 8]	3
All of	
BUSM 2115	3
PSYC 1215	3

Notes:

1. Students must complete one of BUSM 1500, CMNS 1115, or 2228; CMNS 1118 or ENGL 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. 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.
3. Check the prerequisites for the arts and science courses that are part of the program.
4. 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.
5. FSRV 4323 and 4324 together are considered equivalent to FNH 440 at UBC and can be used for course credit equivalency for students with a non-dietetics undergraduate degree who plan to apply for a graduate dietetic internship based on UBC academic equivalency assessment.
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.
8. 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

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

Academic Requirements

- Completion of a baccalaureate program in nutrition or dietetics from a recognized Canadian academic institution, or equivalent.
- A minimum of three credits of university-transferable English with a minimum "C" grade.

Program Requirements

- 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.
- Resumé
- A letter of intent (maximum two pages) that explains why the applicant wishes to enter the program and that demonstrates he/she has an understanding of the role and responsibilities of a nutrition manager in a health care setting.
- Food Safe Level I or equivalent, completed within the past five years
- 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.

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:	
CMNS 1118	3
CMNS 2228	3
One of:	
FSRV 2329 and	2
FSRV 2529	3
or	
FSRV 2629	5
One of:	
BUSM 2200	3
MARK 1115	3
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 "C" grade in CMNS 1118 or 2228, FSRV 4323, NUTR 2322, or 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.

CURRICULUM

TOTAL CREDITS: 66-69

YEAR 1

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 1)

Course No.	Credits
One of	
BIOL 1111	4
BIOL 1115	4
BIOL 1175	3
BIOL 1190	3
BIOL 1216	4
All of	
BUSM 1100	3
CMNS 1118	3

Note:
BIOL 1175 is the only BIOL course that is available online.

YEAR 2

Course No.	Credits
All of	
FSRV 2329 [6]	2
FSRV 2429	2
FSRV 4323	3
FSRV 4324	3
FSRV 4444	3
NUTR 2322 [3]	3
NUTR 2422 [3]	3
One of	
FSRV 2529 [6]	3
FSRV 2629 [6]	5

Support Courses (to be taken year 2)

Course No.	Credits
All of	
MARK 1115	3
PSYC 1215	3
One of	
CMNS 1115	3
ENGL 1127	3
ENGL 1128	3
One of	
STAT 1123	3
STAT 1124	3
STAT 1181	3
One of (to be taken in Year 1 or 2)	
ECON 1220	3
ECON 1221	3

Notes:

1. Students must complete one of CMNS 1115, 1118; ENGL 1127, 1128; 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.

DIPLOMA IN NUTRITION AND FOOD SERVICE MANAGEMENT (CO-OPERATIVE EDUCATION)

When taken full-time, the diploma can be completed in seven semesters.

With the exception of the co-op work placement, students work in their homes at times convenient to them. Typically, students can expect to spend 8-10 hours per week per course.

ADMISSION REQUIREMENTS

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

- Be enrolled in 3 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 pfficer; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

Also see co-operative education programs.

Program Notes:

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.

CURRICULUM

TOTAL CREDITS: 64-65

YEAR 1

Course No.	Credits
All of	
EXPE 2300	3
FSRV 1113	3
FSRV 1213	3
FSRV 3114 [2]	3
FSRV 3214 [2]	3
NUTR 2112 [2]	3
NUTR 2212 [2]	3
One of	
COOP 2301	3
or	
COOP 2302 and	3
COOP 2303	3

Support Courses (to be taken year 1)

Course No.	Credits
One of	
BIOL 1111	4
BIOL 1115	4
BIOL 1175 [6]	3
BIOL 1190	3
BIOL 1216	4
One of	
BUSM 1100	3
BUSM 2200	3
One of	
CMNS 1118	3
ENGL 1127	3

YEAR 2

Course No.	Credits
All of	
FSRV 2429	2
FSRV 4323 [5]	3
FSRV 4324 [5]	3
FSRV 4444	3
NUTR 2322 [2]	3
NUTR 2422 [2]	3
One of	
FSRV 2329 and	2
FSRV 2529 [7]	3
or	
FSRV 2629 [7]	5

Support Courses (to be taken year 2)

Course No.	Credits
All of	
BUSM 2115	3
PSYC 1215	3
One of	
BUSM 1500	3
CMNS 1115	3
CMNS 2228 [8]	3

Notes:

1. Students must complete one of BUSM 1500, CMNS 1115, or 2228; CMNS 1118 or ENGL 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. 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.
3. Check the prerequisites for the arts and science courses that are part of the program.
4. Please ensure that courses taken at other institutions are fully transferable to Langara College for graduation credit. Check the BC Transfer 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.
5. FSRV 4323 and 4324 together are considered equivalent to FNH 440 at UBC and can be used for course credit equivalency for students with a non-dietetics undergraduate degree who plan to apply for a graduate dietetic internship based on UBC academic equivalency assessment.
6. BIOL 1175 is the only BIOL course that is available online.
7. FSRV 2329 and 2529; or 2629 are capstone courses and can only be taken once all other courses have been successfully completed.
8. CMNS 2228 is the only option available online.

Faculty of Nursing

NURSING

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NURSING

Advanced Entry BSN

Department: Langara School of Nursing
Division: Nursing
Program Intake: January, May

OPTION(S)

- Bachelor of Science in Nursing

GENERAL INFORMATION

LPNs admitted to the Advanced Entry BSN will complete BIOL 2192 and then enter Term 3 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:

- ENGL 1100, 1127, or 1128 (or any other university-transferable English academic writing course);
- ENGL 1129 or 1130 (or any other additional university-transferable English course);
- BIOL 1190[1,2];
- BIOL 1191[1,2]; and
- STAT 1123 with a minimum "A" grade or STAT 1124 with a minimum "C+" grade[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:

- January intake: May 31
- May intake: September 30

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-HCP (healthcare provider)
- 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: 123

TERM 1 (TOTAL CREDITS: 3)

Course No.	Credits
BIOL 2192	3

After successful completion of BIOL 2192, students will follow the BSN curriculum beginning in Term 3 through Term 9.

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.

Diversity and Inclusion Leadership

Department: Langara School of Nursing
Division: Nursing
Program Intake: September

OPTION(S)

- Post-Degree Certificate in Diversity and Inclusion Leadership

GENERAL INFORMATION

This program offers post-degree internationally educated professionals an opportunity to develop their diversity and inclusion leadership skills in the workplace in Canada and across the globe. Students will broaden and deepen their understanding of diversity and inclusion in the workplace through challenging their own perspectives and by applying their leadership skills relating to diversity and inclusion in the simulated workplace setting. Students learn about the importance, ethics, and legalities of diversity and inclusion in the workplace, in the media, and in society. The program develops skills in critical thinking, leadership, analyzing, speaking, and writing. Program graduates may further their careers in a variety of workplaces including health professions, government policy, community organizations, business, and government consulting in the areas of diversity, inclusion, equity, human rights, and social justice.

ADMISSION REQUIREMENTS

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

Academic Requirements

Students admitted to this post-degree certificate program must have completed the Post-Degree Certificate in Nursing Leadership and Management.

POST-DEGREE CERTIFICATE IN DIVERSITY AND INCLUSION LEADERSHIP

CURRICULUM

This one academic year program consists of two terms of on-campus and online studies.

TOTAL PROGRAM CREDITS: 24

TERM 1 (TOTAL CREDITS: 12)

Course No.	Credits
All of	
BUSM 4800	3
CNST 4850	3
ENGL 1098	3
NURS 4810	0
Elective numbered 4800 or above	3

TERM 2 (TOTAL CREDITS: 12)

Course No.	Credits
All of	
BUSM4840	3
ENGL 1099	3
NURS 4820	0
SOCI 4860	3
Elective numbered 4800 or above	3

Foundations in Health Studies

Department: Langara School of Nursing
Division: Nursing
Program Intake: September, January, May

OPTION(S)

- Citation in Foundations in Health Studies

The Citation in Foundations in Health Studies recognizes students who have completed a number of courses which prepare them for further study in the area of health studies.

ADMISSION REQUIREMENTS

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

CITATION IN FOUNDATIONS IN HEALTH STUDIES

CURRICULUM

TERM 1 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
BIOL 1190 [2]	3
BIOL 1191 [2]	3
One of	
PSYC 2321	3
STAT 1124	3
One of	
ENGL 1100	3
ENGL 1127	3
ENGL 1128	3
Three credits of any other 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
Program Intake: September, January

OPTION(S)

- Bachelor of Science in Nursing

GENERAL INFORMATION

The Bachelor of Science in Nursing (BSN) equips students with the broad base of knowledge and skills necessary to provide professional nursing care in an increasingly complex health care system.

The Langara College nursing department offers a Bachelor of Science in Nursing. The curriculum has been revised for September 2013.

The nursing department offers the Advanced Entry BSN for Licensed Practical Nurses and Registered Psychiatric Nurses.

Please note, as the program continues to evolve, the information presented on the College website and in the College Calendar is subject to change.

Nursing at Langara College

The Langara College BSN is designed to educate nurses to work with individuals, families, and communities from a caring and health-promotion perspective. The BSN has two intakes of students per year (September and January) and is delivered over nine consecutive terms (36 months) in the fall, spring and summer semesters. Therefore, there is 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.

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. All classrooms are enhanced and wireless.

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.

Class and practice group size vary depending on the specific term.

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.

Students develop sensitivity to people's experiences with healing and health promotion. Educational methods emphasize student and faculty interactions as well as individual learning processes. Small group work and discussions enhance student involvement and participation. Students work as partners with clients and other health care providers to learn about nurses' professional roles.

PURPOSE AND PROGRAM OUTCOMES

The purpose of the BSN 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.

More specifically, graduates will:

- Practice nursing with a population health promotion and social justice perspective and an ethic of culturally safe caring within a variety of contexts and with a diverse client population;
- Work, within the context of an inter-professional health care team, to apply primary health care principles;
- Be an independent, self-directed, self-motivated, and life-long learner with a questioning mind and a familiarity with approaches to learning that foster inquiry;
- Be self-reflective, self-evaluative, accountable, and make clinical judgements based on diverse ways of knowing, including critical thinking, intuition, evidence-based practice, and evaluation;
- Identify gaps in nursing knowledge, consider research possibilities, and participate in research activities;
- Create and influence the future of health care and nursing practice at a political, social, economic, and professional level by responding to and anticipating the changing needs of society;
- Be prepared to meet the professional practice requirement as identified in the Canadian Nurses' Association Code of Ethics and in the Standards for Nursing Practice in British Columbia; the Nursing Competencies and Skills Required of the New Graduate; and the Educational Requirements for Future Nurses outlined by the College of Registered Nurses of British Columbia (CRNBC).

Upon successful completion of all the program requirements, leading to a BSN degree, graduates are eligible to write the Canadian Registered Nurse Examination to become a Registered Nurse in Canada.

The nursing education programs at Langara College are recognized by the College of Registered Nurses of British Columbia (CRNBC).

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.

Nursing students are recognized as adult learners responsible for their own learning. Educational methods emphasize a collaborative student-faculty relationship based on mutual respect and trust. Small group work and discussions are two of many strategies which help to develop a community of strategies which help to develop a community of learning that supports student involvement and participation. Students work as partners with clients and other health care professionals to learn about nurses' roles.

The Langara College Nursing Simulation Centre (NSC), which includes a simulation lab, provides nursing students with an array of up to date resources to provide experiential and supportive learning of nursing skills.

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 (see note 2.).
2. Applicants must complete the following courses with a minimum "C+" grade (unless otherwise noted):

- ENGL 1100, 1127, or 1128 (or any other university-transferable English academic writing course);
- ENGL 1129 or 1130 (or any other additional university-transferable English course);
- BIOL 1190[1,2];
- BIOL 1191[1,2]; and
- PSYC 2321 with a minimum "C+" grade, STAT 1123 with a minimum "A" grade, or STAT 1124 with a minimum "C+" grade[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

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 Healthcare Provider (HCP)
- Proof of respiratory mask fit testing

BACHELOR OF SCIENCE IN NURSING

CURRICULUM

TOTAL PROGRAM CREDITS: 135

TERM 1 (TOTAL CREDITS: 14)

Course No.	Credits
All of	
NURS 1109	3
NURS 1121	3
NURS 1130	3
NURS 1160	2
NURS 1163	3

TERM 2 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
BIOL 2192	3
NURS 1209	3
NURS 1260	2
NURS 1261	3
NURS 1263	5

TERM 3 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
BIOL 2292	3
NURS 2109	3
NURS 2160	2
NURS 2161	3
NURS 2163	5

TERM 4 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
BIOL 3192	3
NURS 2209	3
NURS 2260	2
NURS 2261	3
NURS 2263	5

TERM 5 - CONSOLIDATED PRACTICE EXPERIENCE I (TOTAL CREDITS: 16)

Course No.	Credits
All of	
NURS 2221	3
NURS 3130	3
NURS 3160	2
NURS 3161	3
NURS 3164	2.5
NURS 3165	2.5

TERM 6 (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 7 (TOTAL CREDITS: 14)

Course No.	Credits
All of	
NURS 3309	3
NURS 3330	3
NURS 3361	3
NURS 3363	5

TERM 8 (TOTAL CREDITS: 14)

Course No.	Credits
All of	
NURS 4109	3
NURS 4122	3
NURS 4161	3
NURS 4163	5

TERM 9 (TOTAL CREDITS: 12)

Course No.	Credits
NURS 4265	12

September Intake

September - December	January - April	May - August
Term 1	Term 2	Term 3
Term 4	Term 5	Term 6
Term 7	Term 8	Term 9

January Intake

January - April	May - August	September - December
Term 1	Term 2	Term 3
Term 4	Term 5	Term 6
Term 7	Term 8	Term 9

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.

If students have specific questions related to the handbook, they may contact the student coordinator for the School of Nursing.

Nursing Leadership and Management

Department: Langara School of Nursing
Division: Nursing
Program Intake: September, January

OPTION(S)

- Post-Degree Certificate in Nursing Leadership and Management

ADMISSION REQUIREMENTS

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

Academic Requirements

Students admitted to this post-degree certificate program must have:

1. An accredited four-year university degree or a three-year college diploma from a university or college that is recognized by the nursing authority outside of Canada where the student obtained a nursing license/registration.
2. English Proficiency
   Applicants must present evidence of English language proficiency by submitting one of the following:

- LET score of 3;
- LEAP 8 completion;
- LPI minimum essay score of 24 and the following: 5 in English usage, 5 in sentence structure, 10 in reading comprehension;
- IELTS 6.5 overall score with no band less than 6.0;
- CAEL overall score of 70 and an essay score of 60;
- TOEFL (internet based) with a minimum total score of 80 and a minumum of: 18 in listening, 20 in reading, 18 in speaking and 20 in writing; or
- TOEFL (paper-based) with a minimum total score of 580 and a minimum essay score of 5.0.

POST-DEGREE CERTIFICATE IN NURSING LEADERSHIP AND MANAGEMENT

CURRICULUM

The program is offered over one academic year (two semesters) with five courses per semester and is within the framework of the general requirements of the Post-Degree Certificate in Nursing Leadership and Management.

TOTAL PROGRAM CREDITS: 30

Course No.	Credits
All of	
BUSM 1500	3
NURS 5100	3
NURS 5110	3
NURS 5115	3
NURS 5120	3
NURS 5125	3
NURS 5130	3
NURS 5135	3
NURS 5145	3
NURS 5150	3

Notes:

In order to progress to Semester 2 of the certificate program students must achieve a minimum "C" grade in all Semester 1 courses.

Students must achieve a minimum program GPA of 2.00 to be awarded a Post-Degree Certificate in Nursing Leadership and Management.

Nursing Practice In Canada

Department: Langara School of Nursing
Division: Nursing
Program Intake: January, May

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.

Upon successful completion of the first year (30 credits) of the program, students may choose not to continue in the program and instead apply to graduate with the Post-Degree Certificate in Nursing Leadership and Management.

ADMISSION REQUIREMENTS

1. Applicants must provide documentation that they have completed an accredited Bachelor of Science in Nursing (BSN) or an approved three-year Diploma in Nursing within the last four years, and hold current registration/ liscensure in a country other than Canada.
2. Applicants who graduated more than four years ago 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. The form will be emailed with the interview link.
3. A mandatory 10-minute video will form part of the admission package and will be used in the selection process to determine applicants' ability to communicate clearly and concisely.
4. English language proficiency must be demonstrated by submitting one of the following:
   - LET score of 3;
   - LEAP 8 completion;
   - LPI minimum essay score of 26 and the following: a minimum score of 5 in English usage, a minimum score of 5 in sentence structure, or a minimum score of 10 in reading comprehension;
   - IELTS 6.5 overall score with no band less than 6.0;
   - CAEL overall score of 70 and an essay score of 60; or
   - TOEFL (internet based) with a minimum total score of 90 and a minimum of 22 in Listening, 22 in Reading, 21 in Speaking and 21 in Writing.

POST-DEGREE DIPLOMA IN NURSING PRACTICE IN CANADA

CURRICULUM

TOTAL PROGRAM CREDITS: 50

YEAR 1 (TOTAL CREDITS: 30)

Course No.	Credits
All ofs	
BUSM 1500	3
NURS 5100	3
NURS 5110	3
NURS 5115	3
NURS 5120	3
NURS 5125	3
NURS 5130	3
NURS 5135	3
NURS 5145	3
NURS 5150	3

YEAR 2 (TOTAL CREDITS: 20)

Course No.	Credits
All of	
NURS 5265	4
NURS 5275	3
NURS 5280	3
NURS 5285	10

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.

In order for students to progress from PDD Term 1 to Term 2, submission of the National Nursing Assessment Service (NNAS) application with proof of payment must be presented to the assistant chair, international, at least one week prior to the opening of online registration for PDD Term 2.

In order to progress from PDD Term 2 to Term 3, students must provide proof of work experience as a Health Care Aide (HCA) or in a health-related field, such as but not limited to, companion for the elderly, or group home aide. The deadline for this documentation is set as one week prior to the opening of online registration for Term 3.

Students must achieve a minimum "C+" or "S" grade in all courses that are part of the curriculum, to be awarded the Post Degree Diploma in Nursing Practice in Canada.

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Arts (General)

Program Intake: September, January, May

OPTION(S)

- Associate of Arts Degree

ADMISSION REQUIREMENTS

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

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);
5. The last 50% of the courses used towards the associate degree at Langara College within the last five years; and
6. 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.

Arts and Science (General)

Program Intake: September, January, May

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

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

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]

Notes:

1. Course attribute information can be found on the Langara 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.

General Education

Program Intake: September, January, May

OPTION(S)

- Diploma in General Education

ADMISSION REQUIREMENTS

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

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.

Science (General)

Program Intake: September, January, May

OPTION(S)

- Associate of Science Degree

ADMISSION REQUIREMENTS

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

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);
6. The last 50% of the courses used towards the associate degree at Langara College within the last five years; and all courses used towards the degree with a cumulative GPA of 2.0, including a minimum cumulative GPA of 2.0 in all Langara College courses used towards the degree;
7. 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.

APPLIED SCIENCES

Applied Science for Engineering

Division: Applied Sciences
Program Intake: September

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

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

Academic Requirements

1. A minimum "B" grade in Chemistry 11 or equivalent
2. A minimum "B" grade in Physics 11 or equivalent
3. Chemistry and physics equivalencies are determined by the respective department chairs. If you have studied chemistry and physics at another post-secondary school, or at a secondary school outside of BC, please contact the program coordinator.

Program Preference

Preference may be given to applicants who have a minimum "C+" grade in precalculus 12 or equivalent.

Application Deadline

- May 15 (September intake)

Documents Required for Application Evaluation

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

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 PROGRAM CREDITS: 60

Course No.	Credits
All of	
CHEM 1118	4
CMNS 2228	3
CPSC 1050	3
CPSC 1090	3
CPSC 1155	3
CPSC 1490	3
ENGL 1127	3
MATH 1170	3
PHYS 1118	4
PHYS 1125	4
PHYS 1219	4
PHYS 1225	4
One of	
APSC 1010	3
or	
Humanities or social science elective [1]	3
One of	
APSC 1050	3
or	
Humanities or social science elective [1]	3
One of	
CHEM 1120 and	4
CHEM 1220	4
or	
CHEM 1154	4

One of	
MATH 1171	3
or	
MATH 1173 and	3
MATH 1183	1
One of	
MATH 1271	3
or	
MATH 1273 and	3
MATH 1283	1
One of	
MATH 1252	3
or	
MATH 2362 and	3
MATH 2382	1

Notes:

1. Students intending to register in humanities or social science electives should consult with the program coordinator.

Computer Science

Department: Computing Science & Information Systems
Division: Applied Sciences
Program Intake: September, January, May

OPTION(S)

- Associate of Science Degree in Computer Science
- Associate of Science Degree in Computer Science (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 COMPUTER SCIENCE

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

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 1150	3
CPSC 1160	3
CPSC 1181	3
CPSC 2150	3
MATH 2362	3
Two of	6
CPSC 1280	
or any second-year	
CPSC course(s)	
One of	
MATH 1171	3
or	
MATH 1173 and	3
MATH 1183	1
One of	
MATH 1271	3
or	
MATH 1273 and	3
MATH 1283	1
Two of	
CMNS 1118	3
CMNS 2228	3
ENGL 1127 or	3
ENGL 1128	3
ENGL 1129 or	3
ENGL 1130	3
Two university-transferable arts courses (excluding CMNS, ENGL, and MATH)	6
Two second-year science courses	6
Four university-transferable electives (18 credits), at least one of which is in a lab science.	12

ASSOCIATE OF SCIENCE DEGREE IN COMPUTER SCIENCE (CO-OPERATIVE EDUCATION)

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.

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

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 69 credits including the following:

Course No.	Credits
All of	
COOP 2301	3
CPSC 1050	3
CPSC 1150	3
CPSC 1160	3
CPSC 1181	3
CPSC 2150	3
EXPE 2300	3
MATH 2362	3

Two of CPSC 1280	6
or any second-year CPSC course(s)	
One of MATH 1171 or MATH 1173 and MATH 1183	 3 3 1
One of MATH 1271 or MATH 1273 and MATH 1283	 3 3 1
Two of CMNS 1118 CMNS 2228 ENGL 1127 or ENGL 1128 ENGL 1129 or ENGL 1130	 3 3 3 3 3 3
Two university-transferable arts (excluding CMNS, ENGL, and MATH)	6
Two second year science courses	6
Four university-transferable electives, at least one of which is in a lab science.	12

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. Students may complete a second work term. Work terms may be done back to back. 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.

Computer Studies

Department: Computing Science & Information Systems
Division: Applied Sciences
Program Intake: September, January, May

OPTION(S)

- Diploma in Computer Studies
- Diploma in Computer Studies (Co-operative Education)

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 or older.

2. Within the last three years, a minimum "C" grade in Principles of Mathematics 12 or Precalculus 12 or a minimum score of 75 on the Langara College Mathematics Diagnostic Test.

3. One of the following:

- TOEFL (paper-based) with a minimum total score of 550 and a minimum essay score of 4.0;
- TOEFL (computer-based) with a minimum total score of 213 and an minimum essay score of 4.0;
- TOEFL (internet-based) with a minimum total score of 80 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;
- LPI (Language Proficiency Index) level 4 with essay 24;
- LET (Langara English Test) level 2;
- ELA (English Language Assessment) 145 offered by VCC (Vancouver Community College);
- Successful completion of LEAP level 8;
- Successful completion of BC Grade 12 English or communications or equivalent;
- Successful completion of a post-secondary English or communications course for which Langara College awards transfer credit; or
- Successful completion of VCC English 099.

Notes:

Once admitted to the program, students are required to take the Langara English Test (LET) and/or the Math Diagnostics Test (MDT), or their equivalents, to prove eligibility to take the English and computer science courses necessary to complete the diploma. Students may also prove eligibility by arranging for transfer credit of university level English and/or math courses acceptable to Langara.

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)

Please refer to the program application dates in the Application Information section in this calendar.

DIPLOMA IN COMPUTER STUDIES

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 60 credits including:

Course No.	Credits
One of CPSC 1040 CPSC 1045	 3 3
One of CPSC 1150 CPSC 1155	 3 3
One of CPSC 1050 CPSC 1401 CSIS 1300 CSIS 1410	 3 3 3 3
All of BUSM 1500 CPSC 1030 CPSC 1160 [1] CPSC 1181 CPSC 1280 CPSC 1480 CPSC 2221	 3 3 3 3 3 3 3
Three electives from CPSC or CSIS numbered above 2000.	9

One approved business course (i.e., any BUSM, FMGT, INTB, or MARK course excluding BUSM 1500, EXPE 2300 (formerly BUSM 2300), and COOP courses).	3
Two of	
CMNS 1115	3
CMNS 1118	3
CMNS 2228	3
ENGL 1127 or	3
ENGL 1128	3
ENGL 1129 or	3
ENGL 1130	3
SCIE 1113 or	4
SCIE 1114	4
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)

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.

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.

CURRICULUM

Students must complete a minimum of 69 credits including:

Course No.	Credits
One of	
CPSC 1040	3
CPSC 1045	3
One of	
CPSC 1150	3
CPSC 1155	3
One of	
CPSC 1050	3
CPSC 1401	3
CSIS 1300	3
CSIS 1410	3
All of	
BUSM 1500	3
COOP 2301	3
CPSC 1030	3
CPSC 1160 [1]	3
CPSC 1181	3
CPSC 1280	3
CPSC 1480	3
CPSC 2221	3
EXPE 2300	3
Three electives from CPSC or CSIS numbered above 2000.	9
One approved business course (i.e., any BUSM, FMGT, INTB, or MARK course excluding BUSM 1500, EXPE 2300 (formerly BUSM 2300/COOP 2300), and COOP courses).	3
Two of	
CMNS 1115	3
CMNS 1118	3
CMNS 2228	3
ENGL 1127 or	3
ENGL 1128	3
ENGL 1129 or	3
ENGL 1130	3
SCIE 1113 or	4
SCIE 1114	4
Four university-transferable electives from any department, three credits 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.

Engineering

Division: Applied Sciences
Program Intake: September

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

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 or older.

2. A minimum "B" in Chemistry 12 or equivalent, a minimum "C+" grade in CHEM 1118, or Chemistry Diagnostic Test results allowing registration into CHEM 1120.

3. A minimum "B" grade in Physics 12 or equivalent, a minimum "C+" grade in PHYS 1118, or Physics Diagnostic Test results allowing registration into PHYS 1125.

4. A minimum "B" grade in Principles of Math 12 or Precalculus 12, or a minimum "C+" grade in Principles of Math 12 or Precalculus 12 with a minimum "C-" grade in Calculus 12, or a minimum "C+" grade in MATH 1170, or a minimum 90 on the Mathematics Diagnostic Test.

5. Applicants must also have one of the following:

- LET with a minimum level 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;
- ENGL 1120 with a minimum "C" grade;
- BC English 12 or equivalent with a minimum 80%;
- BC English Literature 12 with a minimum of 80%;
- BC English First Peoples with a minimum of 80%;
- A university-level English or communications course for which Langara awards transfer credit, with a minimum "C-" grade; or
- An "S" in one of ENGL 1107, 1108, or 1110.

Note:

1. Admission by diagnostic test scores is permitted only with departmental approval. Diagnostic test information is available on the College website.

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)

Please refer to the program application dates in the application information.

Program Preference

Program preference will be given to applicants who have demonstrated that they can handle a heavy course load.

CERTIFICATE IN ARTS AND SCIENCE (ENGINEERING)

CURRICULUM

TERM 1:

Course No.	Credits
All of	
APSC 1000	0
CHEM 1154	4
CPSC 1090	3
PHYS 1125	4
One of	
CPSC 1150	3
CPSC 1155	3
One of	
ENGL 1127	3
ENGL 1128	3
One of	
MATH 1171	3
or	
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 1 curriculum, or special approval of the program coordinator. Students may apply for re-admission to the program a second time.

TERM 2:

Course No.	Credits
All of	
APSC 1100	0
CPSC 1490	3
PHYS 1219	4
PHYS 1225	4
One of	
ENGL 1129	3
or any university-transferable ENGL course	3
One of	
MATH 1271	3
or	
MATH 1273 and	3
MATH 1283	1
One of	
MATH 1252	3
or	
MATH 2362 and	3
MATH 2382	1

Full Stack Web Development

Department: Computing Science & Information Systems
Division: Applied Sciences
Program Intake: September

OPTION(S)

- Certificate 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 (eg: 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

1. 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
2. Upload a four-to-six minute video (viewable online), answering the application questions provided on the program's webpage.

CERTIFICATE IN FULL STACK WEB DEVELOPMENT

CURRICULUM

TOTAL CREDITS: 15

TERM 1:

Course No.	Credits
All of	
CPSC 1030	3
CPSC 1045	3

TERM 2:

Course No.	Credits
All of	
CPSC 2350	3
CPSC 2600	3

TERM 3:

Course No.	Credits
CPSC 2650	3

Notes:

1. Graduation Requirement: Students must achieve a minimum grade of "C" in all required courses.

Health Sciences

Department: Health Sciences
Division: Applied Sciences
Program Intake: September, January, May

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

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

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
One of	
HSCI 1120	3
HSCI 1140	3
HSCI 1160	3
HSCI 1180	3

Four of	
HSCI 2211	3
HSCI 2212	3
HSCI 2214	3
HSCI 2215	3
HSCI 2216	3
One of	
PSYC 2321	3
STAT 1123	3
STAT 1124	3
STAT 1181	3
One of	
ANTH 1120	3
SOCI 1120	3
One of	
BIOL 1111	4
BIOL 1115	4
Six credits of first-year university-transferable English	6
Eight university-transferable electives [1,2]	24

Notes:

1. When choosing courses, students should consult the general requirements of the Associate of Arts Degree to ensure they choose a selection of courses that meet these requirements.
2. Electives should include a minimum of five and maximum of seven courses from the humanities and social sciences, arts, business, or health sciences, and a minimum of one and maximum of three courses from the sciences and technology. Other courses may be substituted with the approval of the department chair.
3. Students are advised to check with the BC Transfer Guide regarding SFU's QBW requirements.
4. HSCI 1195 may not be used as a required first year HSCI course.

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	3
BIOL 2330	3
BIOL 2415	3
CHEM 1120	4
CHEM 1220	4
CHEM 2316	4
CHEM 2416	4
HSCI 1130	3
PHYS 1101	4
One of	
PSYC 2321	3
STAT 1123	3
STAT 1124	3
STAT 1181	3
Six credits of first-year university-transferable English	6
One of	
MATH 1171	3
or	
MATH 1173 and	3
MATH 1183	1
or	
MATH 1253	3
One of	
MATH 1271	3
or	
MATH 1273 and	3
MATH 1283	1
One of the following streams [3]: Two of HSCI 2211, 2212, 2214, 2215, or 2216, and a minimum of one university-transferable elective (minimum 3 credits)[1] or three of HSCI 2211, 2212, 2215, or 2216, and a minimum of one university-transferable elective (minimum three credits) [1]	12

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 QBW requirements.
3. SFU's Faculty of Health Science BSc in Health Sciences has two streams:
   (a.) Life Science Stream: Students preparing to enter this stream are required to take two of HSCI 2211, 2212, 2214, 2215, or 2216.
   (b.) Population and Quantitative Health Stream: Students preparing to enter this stream are required to take at least three of HSCI 2211, 2212, 2215, or 2216.
4. HSCI 1195 may not be used as a required first year HSCI course.

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	
BIOL 1111	4
BIOL 1115	4
BIOL 1175	3
BIOL 1190	3
KINS 1190	3
One of	
HSCI 1120	3
HSCI 1140	3
HSCI 1160	3
HSCI 1180	3
Four of	
HSCI 2211	3
HSCI 2212	3
HSCI 2214	3
HSCI 2215	3
HSCI 2216	3
One of	
PSYC 2321	3
STAT 1123	3
STAT 1124	3
STAT 1181	3
One of	
ANTH 1120	3
SOCI 1120	3
Two university-transferable courses ENGL	6
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 QBW requirements.
3. HSCI 1195 may not be used as a required first year HSCI course.

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	3
BIOL 2330	3
BIOL 2415	3
CHEM 1120	4
CHEM 1220	4
CHEM 2316	4
CHEM 2416	4
HSCI 1130	3
PHYS 1101	4
Three of	
HSCI 2211 [3]	3
HSCI 2212 [3]	3
HSCI 2214 [3]	3
HSCI 2215 [3]	3
HSCI 2216 [3]	3
One of	
PSYC 2321	3
STAT 1123	3
STAT 1124	3
STAT 1181	3

One of	
MATH 1171	3
or	
MATH 1173 and	
MATH 1183	4
or	
MATH 1253	3
Two university-transferable ENGL courses	6
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 QBW requirements.
3. SFU's Faculty of Health Science BSc in Health Sciences has two streams:
   a. Life Science Stream: Students preparing to enter this stream are required to take two of HSCI 2211, 2212, 2214, 2215, or 2216.
   b. Population and Quantitative Health Stream: Students preparing to enter this stream are required to take at least three of HSCI 2211, 2212, 2215, or 2216.
4. HSCI 1195 may not be used as a required first year HSCI course.

Kinesiology

Department: Kinesiology
Division: Applied Sciences
Program Intake: September, January, May

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 human kinetics, physical education, or kinesiology.

ADMISSION REQUIREMENTS

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

DIPLOMA IN KINESIOLOGY

CURRICULUM

A student must complete at least a minimum of 60 credit hours including:

Course No.	Credits
All of	
KINS 1103	3
KINS 1151	3
KINS 1161	3
KINS 1190	3
KINS 1191	3
KINS 2230	3
KINS 2231	3
KINS 2261	3
KINS 2275	3
KINS 2284	3
Two university-transferable ENGL courses	6
Eight KINS or university-transferable electives[1]	24

Notes:

1. KINS 1117, 1118, 1123, 1124, 2220, 2221, 2222, 2223, and 2224 have a 1.5 credit assignment.
2. Students are advised to consult with the institution to which they want to transfer to determine the transfer credit of the courses they want to use towards the Diploma in Kinesiology. Students are also advised to consult with the Kinesiology department or the Counseling department when selecting elective courses for the diploma.
3. Students may not register for the same kinesiology course more than twice without receiving departmental permission.

SAMPLE CURRICULUM

TERM 1 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
KINS 1100	3
KINS 1151	3
KINS 1161	3
One of	
ENGL 1127	3
ENGL 1128	3
One elective	3

TERM 2 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
KINS 1103	3
KINS 1190	3
One of	
ENGL 1129	3
ENGL 1130	3
Two electives	6

TERM 3 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
KINS 1191	3
KINS 2231	3
KINS 2284	3
Two electives	6

TERM 4 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
KINS 2230	3
KINS 2261	3
KINS 2275	3
Two electives	6

Note:

The above is a program example. Courses may be taken out of this sequence, but all of the above courses or equivalents must be completed to receive a Diploma in Kinesiology.

MATHEMATICS & SCIENCES

Bioinformatics

Department: Computing Science & Information Systems, Biology
Division: Mathematics & Sciences
Program Intake: September, January, May

OPTION(S)

- 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.

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.

CURRICULUM

TOTAL CREDITS: 64-68

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 2315	3
BIOL 2415	3
CHEM 1120	4
CHEM 1220	4
CPSC 1150	3
CPSC 1160	3
CPSC 1181	3
One of	
MATH 1171 and	3
MATH 1271	3
or	
MATH 1173 and	3
MATH 1183 and	1
MATH 1273 and	3
MATH 1283	1
Four of	
BIOL 2330	3
BIOL 2430	3
CHEM 2316	4
CHEM 2416	4
CPSC 2150	3
CPSC 2190	3
CPSC 2221	3
Two university-transferable ENGL courses	6
Two university-transferable arts courses	6
One university-transferable course	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

TOTAL CREDITS: 70-74

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 2315	3
BIOL 2415	3
CHEM 1120	4
CHEM 1220	4
COOP 2301	3
CPSC 1150	3
CPSC 1160	3
CPSC 1181	3
EXPE 2300	3
One of	
MATH 1171 and	3
MATH 1271	3
or	
MATH 1173 and	3
MATH 1183 and	1
MATH 1273 and	3
MATH 1283	1
Four of	
BIOL 2330	3
BIOL 2430	3
CHEM 2316	4
CHEM 2416	4
CPSC 2150	3
CPSC 2190	3
CPSC 2221	3
Two university-transferable ENGL courses	6
Two university-transferable arts courses	6
One university-transferable course	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.

CURRICULUM

TOTAL CREDITS: 65-69

Course No.	Credits
All of	
BIOL 1115 [1]	4
BIOL 1215	4
BIOL 2315	3
BIOL 2415	3
BIOL 2430	3
CHEM 1120	4
CHEM 1220	4
CHEM 2216	4
CPSC 1030	3
CPSC 2221	3
One of	
CPSC 1150	3
CPSC 1155	3
One of	
CPSC 1160	3
CPSC 1181	3
Two of	
BIOL 2330	3
PHYS 1125	4
PHYS 1225	4
STAT 2281	3
One of	
MATH 1171 and	3
MATH 1271	3
or	
MATH 1173 and	3
MATH 1183 and	1
MATH 1273 and	3
MATH 1283	1
Two university-transferable ENGL courses	6
Two university-transferable courses	6

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: 73-78

Course No.	Credits
All of	
BIOL 1115 [4]	4
BIOL 1215	4
BIOL 2315	3
BIOL 2415	3
BIOL 2430	3
CHEM 1120	4
CHEM 1220	4
CHEM 2216	4
COOP 2301	3
CPSC 1030	3
CPSC 2221	3
EXPE 2300	3
One of	
CPSC 1150	3
CPSC 1155	3
One of	
CPSC 1160	3
CPSC 1181	3
Two of	
BIOL 2330	3
PHYS 1125	4
PHYS 1225	4
STAT 2281	3
One of	
MATH 1171 and	3
MATH 1271	3
or	
MATH 1173 and	3
MATH 1183 and	1
MATH 1273 and	3
MATH 1283	1
Two university-transferable ENGL courses	6
Two university-transferable courses	6

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
Program Intake: September, January, May

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)
- Citation in Ecology

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, and is compatible with the Biology Flexible Pre-Major.

ADMISSION REQUIREMENTS

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

CURRICULUM

Within the framework of the general requirements of the Associate of Science Degree, students must complete a minimum of 64 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 2315	3
BIOL 2330	3
BIOL 2380	3
BIOL 2415	3
CHEM 1120	4
CHEM 1220	4
CHEM 2316	4
CHEM 2416	4
One of	
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3

One of	
MATH 1153 and	3
MATH 1253	3
or	
MATH 1171	3
or	
MATH 1173 and	3
MATH 1183	1
or	
MATH 1174	3
One of	
MATH 1271	3
or	
MATH 1273 and	3
MATH 1283	1
or	
MATH 1274	3
One of	
PHYS 1101	4
PHYS 1125	4
Two of	
BIOL 2260	3
BIOL 2340	3
BIOL 2350	3
BIOL 2370	3
BIOL 2430	3
BIOL 2440	3
BIOL 2450	3
BIOL 2470	3
BIOL 2480	3
CHEM 2222	3
CHEM 2250	3
PHYS 1118	4
PHYS 1225	3
Two first- or second-year arts other than ENGL (excluding MATH and laboratory-based science courses)	6

Note:

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.

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, and is compatible with the Biology Flexible Pre-Major.

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 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-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, co-op students must complete a minimum of 70 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 2315	3
BIOL 2330	3
BIOL 2380	3
BIOL 2415	3
CHEM 1120	4
CHEM 1220	4
CHEM 2316	4
CHEM 2416	4
COOP 2301	3
EXPE 2300[2]	3
One of	
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
MATH 1153 and	3
MATH 1253	3
or	
MATH 1171	3
or	
MATH 1173 and	3
MATH 1183	1
or	
MATH 1174	3
One of	
MATH 1271	3
or	
MATH 1273 and	3
MATH 1283	1
or	
MATH 1274	3
One of	
PHYS 1101	4
PHYS 1125	4
Two of	
BIOL 2260	3
BIOL 2340	3
BIOL 2350	3
BIOL 2370	3
BIOL 2430	3
BIOL 2440	3
BIOL 2450	3
BIOL 2470	3
BIOL 2480	3
CHEM 2222	3
CHEM 2250	3
PHYS 1118	4
PHYS 1225	3
Two first or second-year arts other than ENGL (excluding MATH and laboratory-based science courses)	6

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. 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.

CURRICULUM

Within the framework of the general requirements of the Diploma in Biology, students must complete a minimum of 61 credits including:

Course No.	Credits
All of	
BIOL 1115 [1]	4
BIOL 1215	4
CHEM 1120	4
CHEM 1220	4
Five of	
BIOL 2260	3
BIOL 2315 [2]	3
BIOL 2330	3
BIOL 2340	3
BIOL 2350	3
BIOL 2370	3
BIOL 2380	3
BIOL 2415	3
BIOL 2430	3
BIOL 2440	3
BIOL 2450	3
BIOL 2470	3
BIOL 2480	3
Two first-year university-transferable ENGL courses [3]	6
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. SCIE 1113 or 1114 can replace one of the required ENGL courses.
4. Suggested courses are one of MATH 1162 or 1170 and STAT 1123.
5. Students completing a diploma and transferring to a university in BC should consult with the receiving institutions regarding courses required for entry into specific programs of study.
6. Total credits for the program may exceed 61 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

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 67 credits including:

Course No.	Credits
All of	
BIOL 1115 [1]	4
BIOL 1215	4
CHEM 1120	4
CHEM 1220	4
COOP 2301	3
EXPE 2300	3
Five of	
BIOL 2260	3
BIOL 2315 [2]	3
BIOL 2330	3
BIOL 2340	3
BIOL 2350	3
BIOL 2370	3
BIOL 2380	3
BIOL 2415	3
BIOL 2430	3
BIOL 2440	3
BIOL 2450	3
BIOL 2470	3
BIOL 2480	3
Two first-year university-transferable ENGL courses [3]	6
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. SCIE 1113 or 1114 can replace one of the required ENGL courses.
4. Suggested courses are one of MATH 1162 or 1170 and STAT 1123.
5. Students completing a diploma and transferring to a university in BC should consult with the receiving institutions regarding courses required for entry into specific programs of study.
6. Total credits for the program may exceed 67 depending on additional prerequisite courses and the specific combination of science and math course chosen.

CITATION IN ECOLOGY

The Citation in Ecology recognizes students who have completed a number of ecology-related biology courses while working toward an Associate of Science Degree, a diploma in arts and science, or another university-transfer program.

CURRICULUM

Students must complete 17 credits including:

Course No.	Credits
All of	
BIOL 1115	4
BIOL 1215	4
BIOL 2380	3
BIOL 2480	3
One of	
BIOL 2340	3
BIOL 2350	3
BIOL 2440	3
BIOL 2450	3

Chemistry

Department: Chemistry
Division: Mathematics & Sciences
Program Intake: September, January, May

OPTION(S)

- Associate of Science Degree in Chemistry
- Diploma in Chemistry

ADMISSION REQUIREMENTS

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

ASSOCIATE OF SCIENCE DEGREE IN CHEMISTRY

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	
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
One of	
MATH 1153 and	3
MATH 1253 and	3
MATH 1271	3
or	
MATH 1171 and	3
MATH 1271	3
or	
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 transferrable.

CURRICULUM

Students must complete a minimum of 60 credits including:

Course No.	Credits
All of	
CHEM 1120	4
CHEM 1220	4
One of	
CHEM 2216	4
CHEM 2316	4
Three or more of	
CHEM 2100	4
CHEM 2208	4
CHEM 2222	4
CHEM 2250	4
CHEM 2416	4
One of	
MATH 1153 and	3
MATH 1253	3
or	
MATH 1171	3
or	
MATH 1173 and	3
MATH 1183	1
Two of	
CMNS 1115	3
CMNS 1118	3
ENGL 1127 or	3
ENGL 1128	3
ENGL 1129 or	3
ENGL 1130	3
SCIE 1113 or	4
SCIE 1114	4
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: Mathematics & Statistics
Division: Mathematics & Sciences
Program Intake: September, January

OPTION(S)

- Post-Degree Diploma in Data Analytics

GENERAL INFORMATION

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 students 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.

ADMISSION REQUIREMENTS

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

Academic Requirements

1. Applicants must have a bachelor's degree from a recognized college or university.

2. Adequate command of spoken and written English is required for admission. Applicants whose native language is other than English and who do not hold the equivalent of a Canadian baccalaureate degree from an institution at which English is the language of instruction must submit one of the following:

- TOEFL (internet-based) with a minimum total score of 90 and a minimum of 22 in listening, 22 in reading, 21 in speaking, and 21 in writing;
- IELTS - mimimum level 6.5, with a minimum of 6.0 in all bands;
- CAEL overall score of 60;
- LET (Langara English Test) minimum level 3;
- LPI (Language Proficiency Index) with a minimum of 26 on the essay and one of 5 in English usage, 5 in sentence structure, or 10 in reading comprehension;
- LEAP 8;
- Successful completion of Access Langara;
- Successful completion of a post-secondary English or communications course for which Langara offers university-transfer credit;
- An "S" grade in ENGL 1107, 1108, or 1110; or
- A minimum "C" grade in ENGL 1120 at Langara College.

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

Notes:

Admission to the program does not guarantee registration in required courses.

POST-DEGREE DIPLOMA IN DATA ANALYTICS

CURRICULUM

TOTAL PROGRAM CREDITS: 46-47

TERM 1 (TOTAL CREDITS: 11)

Course No.	Credits
All of	
BUSM 4805	3
CPSC 4800	3
DANA 4800	3
EXPE 4801	1
MATH 4801[1]	1

TERM 2 (TOTAL CREDITS: 11)

Course No.	Credits
All of	
CMNS 4810	3
CPSC 4810	4
DANA 4810	3
EXPE 4802	1

TERM 3 (TOTAL CREDITS: 13)

Course No.	Credits
All of	
BUSM 4830	3
CPSC 4820	3
DANA 4820	3
DANA 4830	3
EXPE 4803	1

TERM 4 (TOTAL CREDITS: 12)

Course No.	Credits
All of	
CPSC 4830	3
DANA 4840	3
DANA 4850	6

Notes:

1. A mathematics diagnostic test will be adminstered upon students' arrival or during the first week of the term. Students who fail this test will be required to complete MATH 4801.

Internet and Web Technology

Department: Computing Science & Information Systems
Division: Mathematics & Sciences
Program Intake: September, January, May

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

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 or older.

2. One of the following:

- TOEFL (paper-based) with a minimum total score of 550 and a minimum essay score of 4.0;
- TOEFL (computer-based) with a minimum total score of 213 and a minimum essay score of 4.0;
- TOEFL (internet-based) with a minimum total score of 80 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;
- LPI (Language Proficiency Index) level 4 with essay 24;
- LET (Langara English Test) level 2;
- ELA (English Language Assessment) 145 offered by VCC (Vancouver Community College);
- Successful completion of LEAP level 8;
- Successful completion of BC Grade 12 English or communications or equivalent;
- Successful completion of a post-secondary English or communications course for which Langara College awards transfer credit; or
- Successful completion of VCC English 099.

Program Requirements

Good knowledge of the English language including the ability to write and speak clearly and to read, understand, and interpret information accurately.

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)

Please refer to the program application dates in the Application Information section in this calendar.

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:

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
CPSC 2261	3

Mathematics

Department: Mathematics & Statistics
Division: Mathematics & Sciences
Program Intake: September, January, May

OPTION(S)

- Associate of Arts Degree in Mathematics
- Associate of Science Degree in Mathematics

ADMISSION REQUIREMENTS

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

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
One of	
MATH 1153 and	3
MATH 1253	3
or	
MATH 1171	3
or	
MATH 1173 and	3
MATH 1183	1
One of	
MATH 1271	3
or	
MATH 1273 and	3
MATH 1283	1
All of	
CPSC 1150	3
CPSC 1181	3
MATH 2362	3
MATH 2371	3
MATH 2373	3
MATH 2475	3
STAT 1181	3
STAT 2281	3
One of	
CPSC 1160 [1]	3
CPSC 2190 [1]	3

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
One of	
MATH 1153 and	3
MATH 1253	3
or	
MATH 1171	3
or	
MATH 1173 and	3
MATH 1183	1
One of	
MATH 1271	3
or	
MATH 1273 and	3
MATH 1283	1
All of:	
CPSC 1150	3
CPSC 1181	3
MATH 2362	3
MATH 2371	3
MATH 2373	3
MATH 2475	3
STAT 1181	3
STAT 2281	3
One of:	
CPSC 1160 [1]	3
CPSC 2190 [1]	3

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
Program Intake: September, January, May

OPTION(S)

- Associate of Science Degree in Physics

ADMISSION REQUIREMENTS

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

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)

Program Intake: September, January, May

OPTION(S)

- Associate of Arts Degree

ADMISSION REQUIREMENTS

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

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);
5. The last 50% of the courses used towards the associate degree at Langara College within the last five years; and
6. 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.

Arts and Science (General)

Program Intake: September, January, May

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 (General), 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

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

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]

Notes:

1. Course attribute information can be found on the Langara 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.

General Education

Program Intake: September, January, May

OPTION(S)

- Diploma in General Education

ADMISSION REQUIREMENTS

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

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.

Science (General)

Program Intake: September, January, May

OPTION(S)

- Associate of Science Degree

ADMISSION REQUIREMENTS

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

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);
6. The last 50% of the courses used towards the associate degree at Langara College within the last five years; and all courses used towards the degree with a cumulative GPA of 2.0, including a minimum cumulative GPA of 2.0 in all Langara College courses used towards the degree;
7. 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.

COMMUNITY PROGRAMS

Aboriginal Studies

Department: Aboriginal Studies
Division: Community Programs
Program Intake: September, January, May

OPTION(S)

- Associate of Arts Degree in Aboriginal Studies
- Diploma in Arts and Science (Aboriginal Studies)
- Certificate in Aboriginal Studies Post-Degree

Note:
Some changes to this program may occur. Applicants will be notified of any changes implemented.

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.

ADMISSION REQUIREMENTS

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

ASSOCIATE OF ARTS DEGREE IN ABORIGINAL 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	
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
or	
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)

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
or	
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 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

ADMISSION REQUIREMENTS

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

Academic Requirements

A university degree in an appropriate discipline, e.g. social sciences.

Documents required for Application Evaluation

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

- Completed application for admission form
- Official transcript(s)

Application and Supporting Documents Deadline

Applications are accepted on an ongoing basis.

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.

CURRICULUM

For a Certificate in Aboriginal Studies Post-Degree, students must complete 30 credits from the following:

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
Program Intake: Mid-August

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

1. Completion of an undergraduate degree at a recognized educational institution, or equivalent; and

2. All students applying to the applied planning program must have a level of English sufficient to write assignments, read and understand course material, complete assessments and take part in class discussion.

Students will be required to provide proof of English language proficiency in one of the following ways:

- Successful completion of a post-secondary English or communications course for which Langara offers university transfer credit;
- An "S" grade in ENGL 1107, 1108, or 1110;
- A minimum "C" grade in ENGL 1120;
- LPI (Language Proficiency Index) with a minimum of 26 on the essay and one of 5 in English usage, 5 in sentence structure or 10 in reading comprehension;
- LET (Langara English Test) minimum level 3;
- TOEFL (internet-based (IBT)) score of 80, with a minimum of 20 in reading and writing and 18 in speaking and listening;
- TOEFL (paper-based) 550 with TWE 4.0;
- IELTS (International Language Testing System) minimum level 6.5 with a minimum of 6.0 in listening and speaking;
- CAEL 60 overall with essay 60; or
- LEAP 8 completion.

3. One post-secondary course in statistics;

4. Students are also required to submit a letter of intent (maximum two pages) that answers the following questions:

- Why are you interested in planning?
- Why are you interested in this program?
- How can this program help you achieve your career goal?

POST-DEGREE DIPLOMA IN APPLIED PLANNING

CURRICULUM

TOTAL PROGRAM CREDITS: 45

TERM 1 (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 2 (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 3 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
APPL 5310	3
APPL 5320	3
APPL 5330	3
APPL 5340	5
APPL 5595	1

POST-DEGREE DIPLOMA IN APPLIED PLANNING (WORK EXPERIENCE)

CURRICULUM

TOTAL PROGRAM CREDITS: 51

TERM 1 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
APPL 4110	2
APPL 5110	3
APPL 5120	3
APPL 5130	3
APPL 5140	3
APPL 5195	1
EXPE 4801	1

TERM 2 (TOTAL CREDITS: 16)

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 4802	1

TERM 3 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
APPL 5310	3
APPL 5320	3
APPL 5330	3
APPL 5340	5
APPL 5595	1
EXPE 4803	1

TERM 4 (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 4801, 4802, and 4803. These EXPE courses will be charged at a different tuition rate than the APPL courses.

Criminal Justice

Department: Criminal Justice
Division: Community Programs
Program Intake: September

OPTION(S)

- Diploma in Criminal Justice
- Diploma in Criminal Justice (BBA Transfer Option)

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.

Students wanting to pursue further study may choose the Diploma in Criminal Justice (BBA Transfer Option). In this option, students will complete most of the bridging courses required for admission to the third year of the BBA (business management or marketing management concentration).

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; however, students can only enter the full-time program in September.

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 or older.

2. Applicants will be required to provide proof of English language proficiency in one of the following ways:

- BC English 12 or BC English Literature 12 or BC English 12 First Peoples or equivalent with a minimum 75%;
- LET with a minimum level 3;
- LPI (Language Proficiency Index) with a minimum of 26 on the essay and one of 5 in English usage, 5 in sentence structure or 10 in reading comprehension;
- Successful completion of a post-secondary English or communications course with a minimum "C-" grade for which Langara offers university transfer credit;
- ENGL 1120 at Langara College with a minimum "C" grade; or
- An "S" in one of ENGL 1107, 1108, or 1110.

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)

Please refer to the program application dates in the Application Information section in this calendar.

Program Notes:

- Admission to a program does not guarantee registration in required courses. Students interested in the criminal justice program are strongly encouraged to check individual course prerequisites and submit relevant documents to Registrar & Enrolment Services well in advance of the registration period.
- Program students will be encouraged to participate in an appropriate volunteer experience with a criminal justice agency while in the program. Students will be encouraged to attend various extracurricular activities, such as field trips and guest speaker lectures, from time to time while in the program.

DIPLOMA IN CRIMINAL JUSTICE

CURRICULUM

TERM 1 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
CRIM 1115	3
CRIM 1116	3
PHED 1112	1
POLI 1100	3
PSYC 1115	3
One of	
ENGL 1127	3
ENGL 1128	3

TERM 2 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
CJUS 1217	3
CRIM 1220	3
CRIM 1215	3
CRIM 1216	3
PSYC 1215	3

TERM 3 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
CMNS 1118	3
CRIM 1125	3
CRIM 2315	3
CRIM 2316	3
PHED 1118	1
PSYC 3220	3

TERM 4 (TOTAL CREDITS: 18)

Course No.	Credits
All of	
BUSM 1500	3
CRIM 2417	3
PHIL 1100	3
PSYC 2326	3
Two of	
CRIM 1213	3
CRIM 2415	3
CRIM 2416	3

Notes:

1. Be sure to check the prerequisites for the arts and science courses that are part of the program.
2. 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 "C-" grade in no more than one of the program support courses, i.e., BUSM, CMNS, ENGL, PHED, PHIL, POLI, or PSYC. Please note that students must obtain a "C" in PSYC 1115 and 1215 before they can register in PSYC 2326, and some courses in Terms 3 and 4 require students to have a "C" in ENGL 1127, 1128, 1129 or 1130 (or level 4 on the LET or an essay score of 30 on the LPI) in order to register.

DIPLOMA IN CRIMINAL JUSTICE (BBA TRANSFER OPTION)

Students choosing the BBA transfer option will complete specific courses in Term 4 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 the 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.

CURRICULUM

TOTAL PROGRAM CREDITS: 60

TERM 1 (TOTAL CREDITS: 15)

Course No.	Credits
All of:	
CRIM 1115	3
CRIM 1116	3
POLI 1110	3
One of:	
ENGL 1127	3
ENGL 1128	3
One of:	
Elective [1]	3

TERM 2 (TOTAL CREDITS: 15)

Course No.	Credits
All of:	
CRIM 1125	3
CRIM 1215	3
CRIM 1216	3
PSYC 1215	3
One of:	
Elective [1]	3

TERM 3 (TOTAL CREDITS: 15)

Course No.	Credits
All of:	
CMNS 1118	3
CRIM 1220	3
CRIM 2315	3
CRIM 2316	3
One of:	
Elective [1]	3

TERM 4 (TOTAL CREDITS: 15)

Course No.	Credits
Two of:	
CRIM 1213	3
CRIM 2415	3
CRIM 2416	3
Two of:	
Electives [1]	6
All of:	
CRIM 2417	3

Notes:

1. Electives must be chosen from the following courses: BUSM 1100; FMGT 1115, 1116, or 2293; MARK 1115; MATH 1118, 1119, 1171, or 1174; STAT 1123, 1124, or 1181.
2. 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 "C-" grade in no more than one of the program support courses, i.e., BUSM, CMNS, ENGL, PHED, PHIL POLI, or PSYC. Please note that students must obtain a "C" in PSYC 1115 and 1215 before they can register in PSYC 2326, and some courses in Terms 3 and 4 require students to have a "C" in ENGL 1127, 1128, 1129, or 1130 (or level 4 on the LET or an essay score of 30 on the LPI) in order to register.
3. Students wanting to transfer into the third-year of the BBA (business management or marketing management concentrations) must complete five of the elective courses listed in note 1; must meet the minimum CGPA requirement for admission to the third year of the BBA; and must complete ECON 1220 or 1221 while in the third year of the program (unless previously completed).

Early Childhood Education

Department: Early Childhood Education
Division: Community Programs
Program Intake: September, January

OPTION(S)

- Diploma in Early Childhood Education
- Citation in Early Childhood Education: Special Education Post Basic

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

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 or older. If students do not have BC Grade 12 or equivalent and they are at least 19 years of age, they may be accepted provided they have a minimum of three credits of university-transferable courses with a minimum GPA of 2.00.

2. One of the following:
- LET with a minimum level 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;
- BC English 12 or equivalent with a minimum 80%;
- BC English Literature 12 with a minimum 80%;
- BC English First Peoples 12 with a minimum 80%;
- A university-level English or communications course for which Langara awards transfer credit with a minimum "C-";
- A "C" in ENGL 1120; or
- An "S" in one of ENGL 1107, 1108, or 1110.

Program Requirements

- Completed early childhood education application supplement form
- A successful interview conducted by the Early Childhood Education department
- Demonstrated emotional maturity, independence and an affinity for working with people
- At least two letters of reference, one of which indicates successful recent experience in the care of children under six years, particularly with groups of preschool-aged children. The second letter may be a personal reference. Baby-sitting experience alone is not adequate. Experience means a minimum of 40 hours of volunteer work in the Province of British Columbia in a licensed child care centre with children six years and under.
- A demonstrated proficiency in the English language including the ability to speak, read, and write clearly and correctly. English proficiency is most important as young children are in the process of acquiring language.
- A confidential medical history, and TB test must be completed once acceptance has been offered. The medical history information that is provided relates only to a student's ability to fully participate in the program curriculum and practicums that include lifting and carrying young children and physical work in a child care centre. It is a legal requirement that students working with young children in licensed childcare centres attain a negative TB test result.
- Current first aid certification. Once an acceptance has been offered, a first aid certificate from an approved first aid training program must be submitted to the Diploma in Early Childhood Education. Approved first aid training programs for early childhood educators are listed in Schedule C of the Community Care and Assisted Living Act under Child Care Licensing Regulations.
- 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 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 and the ability to register as an early childhood educator in British Columbia.

Documents Required for Application Evaluation

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

- Completed application for admission and application supplement forms
- Official transcript(s)
- Letters of reference
- LET or LPI scores (if applicable)

Please refer to the program application dates in the Application Information section in this calendar.

Late applications will be accepted if space is available.

CURRICULUM

TERM 1 (TOTAL CREDITS: 21)

Course No.	Credits
All of	
ECED 1101	1
ECED 1104	1
ECED 1108	2
ECED 1115	3
ECED 1116	3
ECED 1118	3
ECED 1119	2
PSYC 2324	3
One of	
ENGL 1127	3
ENGL 1128	3

TERM 2 (TOTAL CREDITS: 22)

Course No.	Credits
All of	
CMNS 1115	3
ECED 1201	1
ECED 1204	1
ECED 1208	2
ECED 1214	3
ECED 1217	3
ECED 1218	3
ECED 1219	3
PSYC 2328	3

TERM 3 (TOTAL CREDITS: 22 OR 23)

Course No.	Credits
All of	
ECED 1301	1
ECED 1308	3
ECED 1315	3
ECED 1318	3
ECED 1319	4
ECED 1325	3
ECED 1329 (optional)[1]	3
PSYC 2318	3

Notes:

1. Practicum course for those students who have successfully completed all basic early childhood education courses and who wish to qualify for an Infant-Toddler Licence from the Early Childhood Education Registry.
2. Entrance to Term 2 depends on completion of all courses in Term 1 with a minimum "C-" grade. Similarly, entrance to Term 3 depends on completion of all Term 2 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 1 serves as an introduction and overview of the field and an orientation to preschool and child care programs. Term 2 focuses on program planning with an emphasis on activities and learning experiences in various curriculum areas. In Term 3, 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.

CITATION IN EARLY CHILDHOOD EDUCATION: SPECIAL EDUCATION POST BASIC

ADMISSION REQUIREMENTS

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

Academic Requirements

- You must hold an early childhood education certificate or diploma from an approved institution or a valid Early Childhood Education Registry Early Childhood Educator Licence. (See Langara College Diploma in Early Childhood Education)

Documents Required for Application Evaluation

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

- Completed application for admission form
- Official transcript indicating completion of an early childhood education certificate or diploma or an official copy of your Early Childhood Education Registry Early Childhood Educator Licence

Application and Supporting Documents Deadline

- April 15 for the September intake
- September 30 for the January intake

Late applications will be accepted if space is available.

Program Notes

For information regarding regulatory requirements for registration as an early childhood educator in BC, please see the early childhood information web page at www.mcf.gov.bc.ca/childcare/ece or call 1.888.338.6622.

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.

CURRICULUM

TERM 1 (TOTAL CREDITS: 6 OR 7)

Course No.	Credits
All of	
ECED 2410 (optional)	1
ECED 2415	3
PSYC 2318	3

TERM 2 (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.

Education Assistant

Department: Education Assistant
Division: Community Programs
Program Intake: September (Certificate); September, January, May (Co-ordinated Diploma)

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.

ADMISSION REQUIREMENTS

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

Program Requirements

1. Completion of BC Grade 12 or equivalent. If students do not have BC Grade 12 or equivalent and they are at least 19 years of age, students may be accepted providing they have a minimum of three credits of university-transferable courses with a minimum grade point average of 2.0.

2. One of the following:

- LET with a minimum level 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;
- BC English 12 or equivalent with a minimum 80%;
- BC English Literature 12 with a minimum 80%;
- BC English First Peoples 12 with a minimum 80%;
- A university-level English or communications course for which Langara awards transfer credit with a minimum "C-";
- A "C" in ENGL 1120; or
- An "S" in one of ENGL 1107, 1108, or 1110.

3. Recent volunteer or work experience in the school system with students with disabilities. Preference will be given to applicants who have 100 hours of recent volunteer experience with children with disabilities in school or related settings.

4. A minimum of two recent letters certifying that volunteer experiences were successful are required. Please note, letters from relatives or friends are not acceptable.

5. Good knowledge of the English language and the ability to speak and write clearly and correctly.

6. Criminal Records Review - All students in the education assistant program must complete a Criminal Records Review prior to the first practicum. Practicum placement facilities require evidence of a satisfactory Criminal Records Review in order for program students to work with children/adolescents in the school system.

Program Preferences

Post-secondary studies with a minimum grade point average of 2.0

Documents Required for Application

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

- Completed application for admission form
- Official secondary school (Grade 12) transcript
- Post-secondary school transcript (if applicable)
- Two letters of reference
- LET or LPI scores (if applicable)

CERTIFICATE IN EDUCATION ASSISTANT

The Langara College education assistant program is a nine-month (two-term) program which blends the study of theoretical principals with practical experience in the areas of learning, development, communication, curriculum, behavior, personal care, and teamwork. Opportunities to apply theoretical material occur during two three-week, full-time practicum experiences in Terms 1 and 2, 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.

CURRICULUM

TOTAL PROGRAM CREDITS: 39

TERM 1 (TOTAL CREDITS: 18)

Course No.	Credits
All of	
EDAS 1100	3
EDAS 1110	3
EDAS 1111	3
EDAS 1120	3
EDAS 1140	3
EDAS 1220	3

TERM 2 (TOTAL CREDITS: 21)

Course No.	Credits
All of	
EDAS 1130	3
EDAS 1200	3
EDAS 1210	3
EDAS 1211	3
EDAS 1230	3
EDAS 1240	3
One of	
ENGL 1127	3
ENGL 1128	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, behavior, 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.

CURRICULUM

TOTAL PROGRAM 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 1127	3
ENGL 1128	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 (two courses) 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 education assistant program, they must complete the 10 courses at Langara. Refer to co-ordinated programs information for details.

Gerontology

Department: Social Service Worker
Division: Community Programs
Program Intake: September

OPTION(S)

- Diploma in Gerontology

GENERAL INFORMATION

In response to profound and far-reaching changes in Canadian demographics, the Langara Diploma in Gerontology offers a two year comprehensive program which prepares students to work with a population of older persons from diverse backgrounds.

In this interdisciplinary program, students gain a broad understanding of aging processes and issues that older persons and their families may experience over the life course. In addition to acquiring a strong theoretical foundation, students have multiple opportunities to learn and apply methods for working with older persons and their families to promote health and resilience throughout every stage of the aging process, including end of life. Students explore ethical and legal principles underpinning the complex issues in the field of gerontology.

In order to gain a variety of perspectives on aging, students learn from knowledgeable faculty and professionals currently working in the field. Topics are explored through lectures, course readings, dialogue, seminars, guest presentations, role playing, case studies, personal reflections, class projects, and presentations.

Students are assigned to practica in the second year in agencies offering a variety of services to older persons. Applying knowledge and theory to practice is emphasized throughout the two years of study with the aim of positioning students for a career in the field of gerontology or continuing their post-secondary education.

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 or older

2. At least one 3 credit university-transferable course with a GPA of 2.00 or higher

3. One of the following:
   - LET with a minimum level 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;
   - IELTS 6.5, with a minimum of 6.0 in each band;
   - BC English 12 or equivalent with a minimum 80%;
   - BC English Literature 12 with a minimum 80%;
   - BC English First Peoples 12 with a minimum 80%;
   - A university-level English or communications course for which Langara awards transfer credit, with a minimum "C-" grade;
   - A minimum "C" grade in ENGL 1120; or
   - An "S" grade in one of ENGL 1107, 1108, or 1110.

Note:

Applicants who completed BC English 12, BC English Literature 12, or BC English First Peoples 12 prior to September 2019 may use these courses to satisfy this requirement.

Program Requirements

- Completed gerontology supplemental application form (available at Registrar & Enrolment Services or downloadable from the Web)
- An interview conducted by program faculty. It is the responsibility of program applicants to contact the Social Service Worker department to set up this interview.
- Previous experience in work related to the social services, a minimum of 60 hours of either paid employment and/or volunteer experience.
- Two letters of reference from employers or supervisors. One letter must be from a human service agency or organization. References should speak to the applicant's demonstrated emotional maturity, independence, and an affinity for working with people.

Program Preferences

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.

Notes:

1. Once accepted all students are required to complete a criminal record check (CRC). This CRC 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.
2. 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 and Enrolment Services well in advance of the registration period.
3. Students who enter the program based on English proficiency of IELTS 6.5 will be required to take English upgrading courses before enroling in ENGL 1127 or 1128.

DIPLOMA IN GERONTOLOGY

CURRICULUM

TOTAL CREDITS: 62

TERM 1

Course No.	Credits
All of	
GERO 1100	3
GERO 1115	3
HSCI 1195	3
PSYC 1115	3
One of	
ENGL 1127	3
ENGL 1128	3

TERM 2

Course No.	Credits
All of	
GERO 1200	3
GERO 1215	3
GERO 1300	3
GERO 1400	1
PSYC 1215	3
One of	
ENGL 1129	3
ENGL 1130	3

TERM 3

Course No.	Credits
All of	
GERO 2100	3
GERO 2210	3
GERO 2315	3
GERO 2400	1
HSCI 2295	1
PSYC 2425	3

TERM 4

Course No.	Credits
All of	
GERO 2200	3
GERO 2215	3
GERO 2225	3
GERO 2415	3
RECR 2359	3

Leisure Studies

Department: Recreation
Division: Community Programs
Program Intake: September, January, May

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

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

DIPLOMA IN LEISURE STUDIES

CURRICULUM

A student must complete a minimum of 60 credits including:

Course No.	Credits
All of	
KINS 1161	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
Program Intake: Regular program and BBA Transfer Options (September); Flexible Participation Option (September, January, May)

OPTION(S)

- Diploma in Library & Information Technology
- Library & Information Technology (Flexible Participation Option)
- Library & Information Technology (BBA Transfer 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. Graduates must have a minimum keyboarding speed of 45 wpm using a word processor.

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 or older.

2. One of the following:

- LET with a minimum level 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;
- BC English 12 or equivalent with a minimum 80%;
- BC English Literature 12 with a minimum 80%;
- BC English First Peoples 12 with a minimum 80%;
- A university-level English or communications course for which Langara awards transfer credit with a minimum "C-";
- A minimum "C" grade in ENGL 1120;
- An "S" in one of ENGL 1107, 1108, or 1110;
- IELTS (International Language Testing System) minimum level of 6.5 with a minimum of 6.0 in listening and speaking;
- TOEFL (internet-based (IBT)) score of 80, with a minimum of 20 in reading and writing and 18 in speaking and listening;
- TOEFL (paper-based) 550 with TWE 4.0;
- CAEL 60 overall with essay 60; or
- LEAP 8.

Program Requirements

- Good knowledge of the English language and the ability to speak and write clearly and correctly
- Testing that includes completion of several short essays that provide evidence of good written communication skills and familiarity with the library community and field, and a filing activity that demonstrates an aptitude for following written rules and performing typical library procedures.
- An interview conducted by program faculty in which the student's communication skills and knowledge of the library and information field will be assessed.
- 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.
- Demonstrated emotional maturity and an affinity for working with people
- 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.

Program Preferences

- Minimum keyboard speed of 30 wpm is strongly recommended
- Familiarity with basic computer operations (file management, document creation, etc.) is strongly recommended

Documents Required for Application Evaluation

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

- Completed application for admission
- Official transcript(s)
- Letter of intent
- LET or LPI scores (if applicable)

Please refer to the program application dates in the Application Information section in this calendar.

Program Notes:

On a space-available basis, students may be considered for admission to the program for studies on a part-time basis. A minimum commitment of two core program (LIBR) courses and one support course per term is required for consideration for this status.

Admissions Notes:

- Applicants admitted into a Langara program on the basis of LEAP 8 completion, or a TOEFL, IELTS, or CAEL assessment score, will be required to take the Langara English Test (LET) (or equivalent) and be placed into an appropriate English course based on their score.
- Langara College 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.

DIPLOMA IN LIBRARY & INFORMATION TECHNOLOGY

CURRICULUM

To graduate, in addition to completing the following curriculum, students must provide recognized and official documentation to Registrar & Enrolment Services proving their ability to keyboard a corrected speed of 45 wpm. Students without 45 wpm will be provided with suggestions on how to improve their skills and how to obtain the documentation required. Students with the keyboarding skills may consult with the department regarding appropriate documentation. All students are encouraged to meet this requirement in the first year of their studies.

Students in the Diploma in Library & Information Technology 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.

TERM 1 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
BCAP 1200	3
CMNS 1118	3
LIBR 1111	3
LIBR 1118	3
LIBR 1120	3

TERM 2 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
LIBR 1219	3
LIBR 1228	3
One of	
LIBR 2410	3
or	
any LIBR special topics course	3
One of	
BUSM 1100	3
BUSM 1115	3
BUSM 1200	3
BUSM 2115	3
BUSM 2200	3
One university-transferable science, social science, or humanities elective [1]	3

TERM 3 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
LIBR 2328	4
LIBR 2411	3
LIBR 2418	3
One of	
ENGL 1100	3
ENGL 1127	3
ENGL 1128	3
One university-transferable science, social science, or humanities elective [1]	3

TERM 4 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
LIBR 2315	3
LIBR 2416	3
LIBR 2419	3
One of	
LIBR 2410	3
or	
any LIBR special topics course	3
One university-transferable science, social science, or humanities elective [1]	3

Notes:

1. Please be sure to check course attributes to ensure courses will count towards your credential. Recommended courses are:
   - Courses with content in Canadian history and political sciences, ABST courses (not including seminar courses).
   - Computing systems or web development courses.

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

To graduate, in addition to completing the following curriculum, students must provide recognized and official documentation to the Registrar's Office proving their ability to keyboard a corrected speed of 45 wpm. Students without 45 wpm will be provided with suggestions on how to improve their skills and how to obtain the documentation required. Students with the keyboarding skills may consult with the department regarding appropriate documentation. All students are encouraged to meet this requirement in the first year of their studies.

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.

Course No.	Credits
All of	
LIBR 1111	3
LIBR 1118	3
LIBR 1120	3
LIBR 1219	3
LIBR 1228	3
LIBR 2315	3
LIBR 2328	4
LIBR 2411	3
LIBR 2416	3
LIBR 2418	3
LIBR 2419	3
Two of	
LIBR 2410	3
or	
any LIBR special topics courses	3
All of	
BCAP 1200	3
CMNS 1118	3
One of	
ENGL 1100	3
ENGL 1127	3
ENGL 1128	3
One of	
BUSM 1100	3
BUSM 1115	3
BUSM 1200	3
BUSM 2200	3
Three university-transferable science, social science, or humanities electives [1]	9

Notes:

1. Please be sure to check course attributes to ensure courses will count towards your credential. Recommended courses are:
   - Courses with content in Canadian history and political sciences, ABST courses (not including seminar courses).
   - Computing systems or web development courses.

LIBRARY & INFORMATION TECHNOLOGY (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.

CURRICULUM

To graduate, in addition to completing the following curriculum, students must provide recognized and official documentation to Registrar & Enrolment Services proving their ability to keyboard a corrected speed of 45 wpm. Students without 45 wpm will be provided with suggestions on how to improve their skills and how to obtain the documentation required. Students with the keyboarding skills may consult with the department regarding appropriate documentation. All students are encouraged to meet this requirement in the first year of their studies.

TERM 1 (TOTAL CREDITS: 15)

Students in the Library & Information Technology (BBA Transfer Option) 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.

Course No.	Credits
All of	
BCAP 1200	3
CMNS 1118	3
LIBR 1111	3
LIBR 1118	3
LIBR 1120	3

TERM 2 (TOTAL CREDITS: 15)

Course No.	Credits
All of	
BUSM 1100	3
LIBR 1219	3
LIBR 1228	3
MARK 1115	3
One of	
LIBR 2410	3
or	
any LIBR special topics course	3

TERM 3 (TOTAL CREDITS: 16)

Course No.	Credits
All of	
LIBR 2328	4
LIBR 2411	3
LIBR 2418	3
MATH 1119	3
One of	
ENGL 1127	3
ENGL 1128	3

TERM 4 (TOTAL CREDITS: 18)

Course No.	Credits
All of	
FMGT 1116	3
LIBR 2315	3
LIBR 2416	3
LIBR 2419	3
STAT 1123	3
One of	
LIBR 2410	3
or	
any LIBR special topics course	3

Recreation Leadership

Department: Recreation
Division: Community Programs
Program Intake: September

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

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:

- LET with a minimum level 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;
- BC English 12 or equivalent with a minimum 67%;
- BC English Literature 12 with a minimum 67%;
- BC English First Peoples 12 with a minimum 67%;
- A 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; or
- An "S" grade in one of ENGL 1107, 1108, or 1110;
- IELTS - International Language Testing System - minimum level of 6.5 with a minimum of 6.0 in Listening and Speaking;
- TOEFL - internet-based (IBT) score of 80, with a minimum of 20 in Reading and Writing and 18 in Speaking and Listening;
- TOEFL - paper-based 550 with a TWE score of 4.0;
- CAEL with an overall score of 60 and an essay score of 60; or
- LEAP 8.

Program Requirements

- A Supplemental Recreation Program Application - This document is a questionnaire that seeks the students' input on their goals and education expectations.

Documents Required for Application Evaluation

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

- Completed application for admission and application supplement forms
- Official transcript(s)
- LET, IELTS, TOEFL, LPI, CAEL, or LEAP scores (if applicable)

Application and Supporting Documents Deadline

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

Program Notes

1. 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 1. Upon acceptance to the program, students will receive a package from the field school operator that includes information about this requirement.

DIPLOMA IN RECREATION LEADERSHIP

CURRICULUM

TOTAL CREDITS: 63

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 1127	3
ENGL 1128	3
One of	
CMNS 1118	3
ENGL 1129	3
ENGL 1130	3
One of	
RECR 2487	12
RECR 2497	12
Two electives from any Langara course offerings that are eligible to be used towards a Langara credential	6

Notes:

1. Students must complete all of the 1000 and 2000 level recreation 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 RECR 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
Division: Community Programs
Program Intake: September, January, May

OPTION(S)

- Bachelor of Recreation Management
- Bachelor of Recreation Management (Co-operative Education)

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 intended for students who are interested in pursuing engry-level and middle-management careers in the recreation field. The program is flexible and student focused. Course work allows students to develop a solid foundation in management theory, and specialized recreation knowledge and skills. Student will work closely with recreation organizations, applying their knowledge to real-life situations.

Students directly entering the first year of the BRM will complete 60 credits of course work equivalent to the requirements of the Diploma in Recreation Leadership in their first two years. This includes a 14 week, full-time internship with a recognized recreation agency in the fourth term.

The third and fourth year of the BRM can be completed on a full-time or part-time basis. If taken on a full-time basis, it can be completed in two years (six semesters). The program is designed to offer flexibility in delivery methods and all RECR courses at the third- and fourth-year level are available online.

Students in the third and fourth year of the BRM will have some experience in the recreation field, and in the final semester, students will work as members of a cross-functional consulting team for a recreation facility or organization on a major applied project.

ADMISSION REQUIREMENTS

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

There are several pathways a student can follow to enter the Bachelor of Recreation Management (BRM):

1. A student can apply to be admitted directly into the first year of the BRM. The student must meet the admission requirements of the Diploma in Recreation Leadership, which are as follows:

Academic Requirements

1. Completion of BC Grade 12 or equivalent, or be 19 years of age.
2. One of the following:

- LET with a minimum level 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;
- BC English 12 or equivalent with a minimum 67%;
- BC English Literature 12 with a minimum 67%;
- BC English First Peoples 12 with a minimum 67%;
- A 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;
- An "S" grade in one of ENGL 1107, 1108, or 1110;
- IELTS - International Language Testing System - minimum level of 6.5 with a minimum of 6.0 in Listening and Speaking;
- TOEFL - internet-based (IBT) score of 80, with a minimum of 20 in Reading and Writing and 18 in Speaking and Listening;
- CAEL with an overall score of 60 and an essay score of 60; or
- LEAP 8.

Program Requirements

- A Supplemental Recreation Program Application - This document is a questionnaire that seeks the students' input on their goals and education expectations.

Documents Required for Application Evaluation

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

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

Application and Supporting Documents Deadline

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

2. A student can apply to be admitted directly into the third year of the BRM if they have graduated with a recreation diploma from Langara College or another recognized post-secondary institution with a minimum CGPA of 2.33. The student must have completed a minimum of 60 credits (including a minimum "C" grade in six credits of first-year university-transferable English or communications courses).
3. A student can apply to be admitted directly into the third year of the BRM if they have a minimum of 60 credits of university-transferable courses (including a minimum "C" grade in six credits of first-year university-transferable English or communications courses).

Notes:

1. MARK 1115 and RECR 1160 are prerequisites for courses required for completion of the BRM. Students who have not completed these courses, or their equivalent, will need to take these courses to be eligible for enrolment in other required program courses.
2. 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.
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 RECR 1162 in Term 1. Upon acceptance to the program, students will receive a package from the field school operator that includes information about this requirement.

Student Progression and Maintenance of Standing Requirements

Students entering the BRM in the first year must meet the progression requirements of the Diploma in Recreation Leadership. 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. If missing three credits in one non-recreation course, a program student must contact the department chair, in writing, requesting to register in either RECR 2487 or 2497.

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.

Students must maintain an overall minimum CGPA of 2.33 in order to recieve a Bachelor of Recreation Management.

BACHELOR OF RECREATION MANAGEMENT

CURRICULUM
TOTAL PROGRAM CREDITS: 120

YEAR 1 & 2

For students entering directly into the first year of the BRM.

Course No.	Credits
All of	
BUSM 1100	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 1127	3
ENGL 1128	3
One of	
CMNS 1118	3
ENGL 1129	3
ENGL 1130	3
One of	
MARK 1115	3
RECR 2487	12
RECR 2497	12
Two electives chosen from any of the Langara course offerings that are eligible to be used towards a Langara credential.	6

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).
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.

YEAR 3 & 4

To obtain a Bachelor of Recreation Management Degree, 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-time or part-time basis. Listed below are the third- and fourth-year level courses required for the BRM. 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 in 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 3250	3
RECR 3120	3
RECR 3160	3
RECR 3230	3
RECR 3260	3
RECR 4150	3
RECR 4160	3
RECR 4270	3
RECR 4400	6
One of	
MARK 3100	3
RECR 3200	3
One university-transferable elective in a subject area other than BUSM, COOP, EXPE, FMGT, INTB, or MARK that has assigned or unassigned transfer credit at UBC, SFU, UVIC, or UNBC. Students may use a RECR course to fulfill this elective requirement.	3
One university-transferable elective in a subject area other than BUSM, COOP, EXPE, FMGT, INTB, MARK, or RECR that has assigned or unassigned transfer credit at UBC, SFU, UVIC or UNBC.	3
One elective at the 2XXX level or higher.	3

Notes:

1. Students are advised to review individual course descriptions for prerequisites.

BACHELOR OF RECREATION MANAGEMENT (CO-OPERATIVE EDUCATION)

Students who pursue the co-op option will add a semester of work experience for each co-op work term completed. BRM students can complete a minimum of one or a maximum of four co-op terms. A student with a minimum of three co-op terms qualifies for a co-operative education designation on their degree (two co-op terms or less will still be reflected on transcripts).

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-operative education officer; and
- Complete EXPE 2300 (formerly BUSM 2300/COOP 2300) with a minimum "C" grade.

Also see co-operative education programs.

CURRICULUM
TOTAL PROGRAM CREDITS: 132

In addition to the regular BRM curriculum, students in the co-operative education option must complete three co-op work terms.

Course No.	Credits
All of	
EXPE 2300	3
One of	
COOP 2301	3
or	
COOP 2302 and	1.5
COOP 2303	1.5
One of	
COOP 2501	3
or	
COOP 2502 and	1.5
COOP 2503	1.5
One of	
COOP 3301	3
or	
COOP 3302 and	1.5
COOP 3303	1.5

Notes:

1. Students are advised to review individual course descriptions for prerequisites.

Social Service Worker

Department: Social Service Worker
Division: Community Programs
Program Intake: September (Certificate), September, January, May (Diploma)

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

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 or older.
2. Minimum three credits of university-transferable courses with a minimum GPA of 2.00
3. One of the following:

- LET with a minimum level 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;
- BC English 12 or equivalent with a minimum 80%;
- BC English Literature 12 with a minimum 80%;
- A university-level English or communications course for which Langara awards transfer credit with a minimum "C-" grade;
- A minimum "C" grade in ENGL 1120; or
- An "S" in one of ENGL 1107, 1108, or 1110.

Program Requirements

- Completed social service worker application supplement form (available at Registrar & Enrolment Services or on the Web)
- An interview conducted by program faculty
- Demonstrated emotional maturity, independence, and an affinity for working with people
- Previous experience in work related to the social services, either paid work or a minimum of 60 hours of volunteer work
- Two letters of reference from employers or supervisors. One letter must be from a human service agency or organization.
- Good knowledge of the English language and the ability to speak and write clearly and correctly

Program Preferences

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.

Documents Required for Application Evaluation

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

- Completed application and application supplement forms
- Official transcripts.
- Two letters of reference
- LET or LPI scores (if applicable)

Please refer to the program application dates in the Application Information section in this calendar.

Program Notes

- The program is demanding; therefore, students are advised to complete the academic support courses in advance of admission to the program.
- Program participation and employment in the social services field require commitments of physical and emotional energies.

Note:

Be sure to check the prerequisites for the Arts and Science courses that are part of the program.

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.

CERTIFICATE IN SOCIAL SERVICE WORKER

CURRICULUM

TERM 1 (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 1127 [2]	3
ENGL 1128 [2]	3

TERM 2 (TOTAL CREDITS: 23)

Course No.	Credits
All of	
PSYC 1215	3
SSRV 1119	3
SSRV 1120	3
SSRV 1121	3
SSRV 1132	1
SSRV 1219	2
SSRV 1231 [1]	5
One of	
ENGL 1129 [2]	3
ENGL 1132 [2]	3

Notes:

1. SSRV 1231 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.

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.

Applied Social Sciences and Humanities

Division: Social Sciences
Program Intake: September, January, May

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 varity 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

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

DIPLOMA IN APPLIED SOCIAL SCIENCES AND HUMANITIES

CURRICULUM

TOTAL CREDITS: 61

YEAR 1

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 1127	3
ENGL 1128	3
Three of University-transferable courses in social sciences and humanities	9

YEAR 2

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

Note:
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 1st and 2nd year courses.

Asian Studies

Department: Asian Studies
Division: Social Sciences
Program Intake: September, January, May

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

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

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
Two of	
ASIA 2200	3
ASIA 2208	3
ASIA 2209	3
ASIA 2250 [1]	3
Two CHIN courses or two JAPN courses from	
CHIN 1103	3
CHIN 1115	3
CHIN 1117	3
CHIN 1125	3
CHIN 1215	3
CHIN 1217	3
CHIN 2211	3
CHIN 2213	3
CHIN 2215	3
CHIN 2217	3
CHIN 2221	3
CHIN 2223	3
CHIN 3331	3
CHIN 3333	3
CHIN 3381	3
CHIN 3383	3
JAPN 1115	3
JAPN 1117	3
JAPN 1215	3
JAPN 1217	3
Twelve university-transferable electives	36

Note:

1. Students who have previously taken RELS 1210 may use this course instead of ASIA 2250.

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
Two of	
ASIA 2200	3
ASIA 2208	3
ASIA 2209	3
ASIA 2250 [1]	3
One of	
ENGL 1100	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3
Two CHIN courses or two JAPN courses from	
CHIN 1103	3
CHIN 1115	3
CHIN 1117	3
CHIN 1125	3
CHIN 1215	3
CHIN 1217	3
CHIN 2211	3
CHIN 2213	3
CHIN 2215	3
CHIN 2217	3
CHIN 2221	3
CHIN 2223	3
CHIN 3331	3
CHIN 3333	3
CHIN 3381	3
CHIN 3383	3
JAPN 1115	3
JAPN 1117	3
JAPN 1215	3
JAPN 1217	3
Twelve university-transferable electives	36

Note:

1. Students who have previously taken RELS 1210 may use this course instead of ASIA 2250.

Geography

Department: Geography
Division: Social Sciences
Program Intake: September, January, May

OPTION(S)

- Associate of Arts Degree in Geography

ADMISSION REQUIREMENTS

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

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
All of	
GEOG 1180	3
Two of	
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 1110	3
Three of	
GEOG 2155	3
GEOG 2210	3
GEOG 2230	3
GEOG 2250	3
GEOG 2270	3
GEOG 2275	3
GEOG 2280	3
GEOG 2290	3
One of	
ENGL 1100	3
ENGL 1127	3
ENGL 1128	3
One of	
ENGL 1129	3
ENGL 1130	3

Note:

1. Students who have previously completed GEOG 1170 may use this course in place of the GEOG 1110 requirement.

History

Department: History, Latin, & Political Science
Division: Social Sciences
Program Intake: September, January, May

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

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

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, 1127, or 1128.	6

Political Science

Department: Political Science
Division: Social Sciences
Program Intake: September, January, May

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

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

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
Two of	
ENGL 1100	3
ENGL 1127 or	3
ENGL 1128	3

Psychology

Department: Psychology
Division: Social Sciences
Program Intake: September, January, May

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

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

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 2322	3
PSYC 2324	3
PSYC 2326	3
PSYC 2331	3
PSYC 2341	3
PSYC 2413	3

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
The courses listed in this calendar, with few exceptions, will be offered at Langara during the 2017-2018 College year. 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. Additional prerequisite information may be included in departmental information at the beginning of each course subject listing. 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 the Counselling Department.

HOURS OF INSTRUCTION

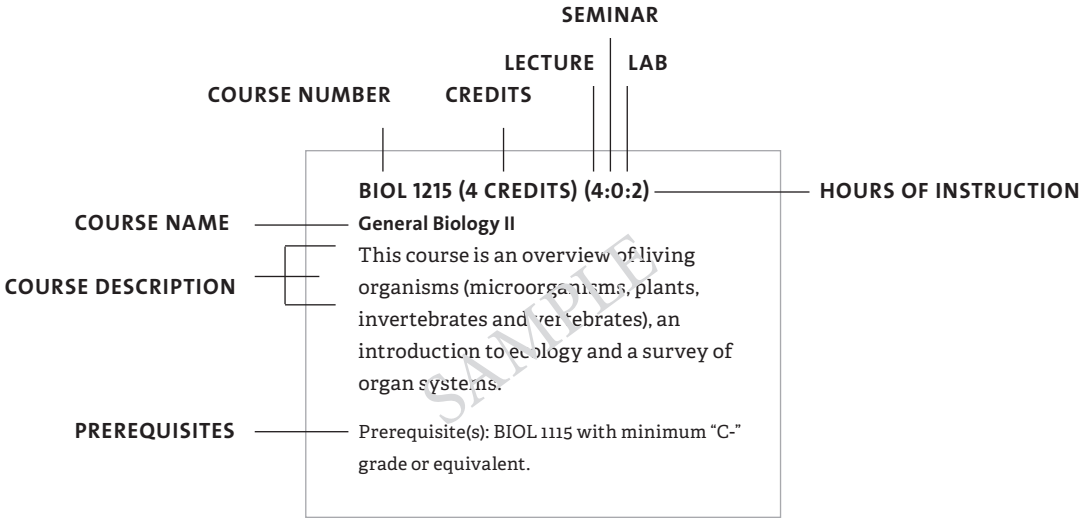
Hours of instruction appear after the course credits in a series of three numbers. The first number indicates the hours of lecture, the second indicates the hours of seminar and the third indicates the hours of laboratory time required each week. These numbers are approximate. Instructors may adjust 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 enroll. For further information on these courses or how to register for them, refer to the Registration Guide and Course Schedule.



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
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
Criminal Justice	CJUS
Criminology	CRIM
Data Analytics	DANA
Design Formation	DSGN
Early Childhood Education	ECED
Economics	ECON
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

Courses	Subject Code
French	FREN
Geography	GEOG
Geology	GEOL
Gerontology	GERO
Greek	GREK
Health Sciences	HSCI
History	HIST
Institute	INST
International Business	INTB
Japanese	JAPN
Journalism	JOUR
Kinesiology	KINS
Latin	LATN
Latin American Studies	LAMS
Library	LIBR
Marketing	MARK
Mathematics	MATH
Nursing	NURS
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

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 with credit for ABST 1101 or 2209 should not take ABST 1104 for further credit.

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 1206 (3 CREDITS) (3:0:1)
Physical Resources and Aboriginal People
This course will critically examine and explore the relationship between Aboriginal people and physical resources. Both Aboriginal and Western perspectives will be reviewed and discussed regarding the following physical resources: land and environment, water, forestry, fisheries, minerals, agriculture, wildlife management, mining, and energy. For each of the preceding, the Aboriginal perspective will be discussed and followed by a full description of the resource and the relevant government legislation and non-governmental organizations (NGOs). Case studies and the laboratory will support the student. This course will be of interest to any one interested in natural resources.

ABST 1207 (3 CREDITS) (3:1:0)
Aboriginal Traditional Knowledge and Contemporary Science
This science course will integrate Aboriginal Traditional Knowledge with the basic elements of the physical and biological sciences. Contemporary science will be examined and compared with Aboriginal Traditional Knowledge. The Aboriginal concepts of nature, governance, origin accounts, knowledge systems, and stewardship issues, amongst other topics, will be explored. The course will be taught from an Aboriginal perspective that is respectful of culture and Traditional Knowledge, yet attentive of the realities of contemporary science.

ABST 2100 (3 CREDITS) (4:0:0)
Aboriginal Community - Applied Research
The research must be an approved topic related to Aboriginal community issues and development. The research will be supervised by a tutor and must be in co-operation with at least one Aboriginal community. The research should be relevant to the needs of the community, or communities in question.

Prerequisite(s): A minimum "C-" grade in all of the following: ABST 1100, 1102, 1104, 1115, and 1116.

Corequisite(s): ABST 2101.

ABST 2101 (3 CREDITS) (4:0:0)

Aboriginal Community - Directed Readings

This course will be an examination and analysis of the literature pertaining to the approved applied research topic (ABST 2100) under the supervision of a tutor.

Prerequisite(s): A minimum "C-" grade in all of the following: ABST 1100, 1102, 1104, 1115, and 1116.

Corequisite(s): ABST 2100.

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 2202 (3 CREDITS) (3:0:1)

Haida Gwaii: Land, People, and Culture

This course provides students with a comprehensive overview of Haida Gwaii and its land, people, and culture. Students will be provided with both conceptual and personal frameworks through which they will understand the unique history, geography, arts, culture and traditions of the Haida People. Haida elders and community members will frequently be guest speakers. A holistic, interdisciplinary and interactive approach will be used. This course is offered for the Haida Gwaii Field School students.

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 1150 (3 CREDITS) (3:1:0)

Regional Studies in Anthropology: Pacific Northwest

An introduction to historic indigenous cultures of the Pacific Northwest Coast from northern California to Alaska. This is a survey course that considers the nature of the diversity of the people and cultures of the area from an ethnohistoric perspective. Topics may include subsistence and settlement patterns, language, world view, myth, and art forms.

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)

Aboriginal Cultures of British Columbia

An introduction to the origins and development of Interior and Coastal peoples. This survey course will consider the earliest cultural evidence, the development of regional diversity, and the Indigenous cultures at the time of contact.

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)

Ethnoarchaeology

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 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 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 2231 (3 CREDITS) (3:0:1)

Primate Behaviour

The study of nonhuman primate behaviour in an evolutionary context. Students in the course will explore the relation between environment and primate anatomy, social structure, and intelligence.

Prerequisite(s): A minimum "C" grade in one of ANTH 1131, BIOL 1115 or 1116; or permission of the instructor.

ANTH 2233 (3 CREDITS) (3:0:1)

Hominid Evolution: The Fossil Record of Our Origins

An in-depth study of fossil hominids in their environments, with discussion of the interpretation of this evidence in the story of human evolution.

Prerequisite(s): A minimum "C" grade in one of the following: ANTH 1131, 1132, 2231, BIOL 1115, or 1116; or permission of instructor.

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)

Anthropology 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.

Prerequisite(s): A minimum "C-" grade in one of ANTH 1120, SOCI 1120, or 1121; or permission of the instructor.

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) (3:1:0)

Planning Applications in GIS

This is an introductory course in Geographic Information Systems (GIS) is intended to allow students to become familiar with the common and appropriate software, for example GIS & ArcView.

Registration in this course is restricted to students admitted into 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 into the Post-Degree Diploma in Applied Planning.

Corequisite(s): APPL 4110.

APPL 5130 (3 CREDITS) (3:1:0)

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 into 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 into the Post-Degree Diploma in Applied Planning.

Corequisite(s): APPL 4110.

APPL 5195 (1 CREDITS) (1:1:0)

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 for students admitted to the Post-Degree Diploma in Applied Planning.

APPL 5210 (3 CREDITS) (3:1:0)

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 into 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 into 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 into 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 into 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 CREDITS) (1:1:0)

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 for students admitted to the Post-Degree Diploma in Applied Planning.

APPL 5310 (3 CREDITS) (3:1:0)

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 into 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) (3:1:0)

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 into 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 into 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) (3:1:0)

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 into 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 CREDITS) (1:1:0)

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 for students admitted to the Post-Degree Diploma in Applied Planning.

APPL 5495 (1 CREDITS) (1:1:0)

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 for students admitted to the Post-Degree Diploma in Applied Planning.

APPL 5595 (1 CREDITS) (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 for 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 for 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 for 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

New Course as of Spring Semester 2019

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 enrolled in the Diploma in Applied Social Sciences and Humanities.

DASH 2000 (1 CREDITS) (0:1:0)

E-Portfolio

New Course as of Fall Semester 2018

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.

Prerequisite(s): A minimum "C-" grade in DASH 1199.

Registration in this course is restricted to students admitted to the Diploma in Applied Social Sciences and Humanities.

DASH 2199 (3 CREDITS) (0:1:6)

Applied Project

New Course as of Spring Semester 2019

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; an "S" grade in DASH 2000; and a minimum "C" grade in ENGL 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)

History of Asian Arts I

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 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)

History of Asian Arts II

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)

Women, 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)

Intoxicating Encounters: Images of Global Exchange, 1492-1900

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 enrolled in 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 I

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)

Modern Art II

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.

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 and 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 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 1230 (3 CREDITS) (3:1:0)

Contemporary Southeast Asia

The changing nature of social, political, and economic relations among the ASEAN and neighbouring countries is explored, including differing visions of "modernization" and differing responses to global change.

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 and 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 and 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.

Prerequisite(s): A minimum "C-" grade in: ASIA 1100 and 1101; or a minimum "C-" grade in ASIA 1100 or 1101; and one of the following: ASIA 1125, 1135, 1225, or 1235.

ASIA 2208 (3 CREDITS) (3:1:0)

Cultural Foundations of South Asia

This course is a survey of the cultural, social, and historical fundamentals of South Asian civilization. The intent of this survey is to study links from past to present. Classes will examine the main features of South Asian civilization developed in the period ca. 2000 BCE to 1700 CE, and apply them to modern and contemporary South Asia.

Prerequisite(s): A minimum "C-" grade in ASIA 1100; and one of the following: ASIA 1101, 1140, 1225, 1230, 1235, or 1240; or a minimum "C-" grade in ASIA 1101; and one of the following: ASIA 1100, 1140, 1225, 1230, 1235, or 1240.

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.

Prerequisite(s): A minimum "C-" grade in ASIA 1100; and one of the following ASIA 1101, 1140, 1225, 1230, 1235, or 1240; or a minimum "C-" grade in ASIA 1101; and one of the following: ASIA 1100, 1140, 1225, 1230, 1235, or 1240.

ASIA 2210 (3 CREDITS) (4:0:0)

Cinematic Depictions of Indian Society and Culture

New Course as of Spring Semester 2019

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

New Course as of Spring Semester 2019

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 who have taken RELS 1210 cannot take ASIA 2250 for further credit.

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 and 2270.

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): Successful completion of 15 credits.

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, and PHYS 1205.

Prerequisite(s): Physics 11 and Principles of Math 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 and 3311.

Prerequisite(s): Physics 11 and Principles of Math 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, and 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 and 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.

Biology (BIOL)

REPEATING A COURSE

A biology 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

For any biology course that contains a laboratory, students must pass the laboratory portion of the course in order to obtain credit for the course.

Students repeating a biology course with a laboratory component will be required to participate in both the lecture and the laboratory of the course, whether or not they have previously passed the laboratory or lecture component.

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.

The following courses are restricted to students participating in specific field studies programs: BIOL 1185, 1395, 2285, 2286, 2319, 2322, and 2326.

BIOL 1100 (4 CREDITS) (3:1:2)

The Science and Art of Biology

BIOL 1100 is an entirely online introductory biology course that allows non-science students to earn first-year, lab-science credit. Course topics include an introduction to the scientific method and critical thought, biological molecules and nutrition, cells, tissues, organ systems, genetics, ecology, and evolution. Students have the opportunity to carry out their own investigations into issues related to genetics, human health, and biodiversity.

BIOL 1111 (4 CREDITS) (4:0:2)

Concepts in Biology: Introduction to Human Biology

Formerly BIOL 1116

New Course as of Fall Semester 2018

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, and 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): A minimum "C+" grade in Biology 12, and a minimum "C+" grade in one of the following: Chemistry 11, CHEM 1114, 1117, or 1217; and one of the following: LET 3 (or LPI equivalent); LEAP 8; a minimum "C+" grade in one of English 12 or English Literature 12, or English First Peoples 12; a minimum "C" grade in one of CMNS 1115, ENGL 1127, or 1128; or a minimum "C" in ENGL 1120; or an "S" grade in one of ENGL 1107, 1108, or 1110.

OR

A minimum "C" grade in one of the following: BIOL 1111, 1216, 1118, 1218, or 1175.

BIOL 1118 (4 CREDITS) (4:0:3)

Introduction to Environmental Ecology

This course pays special attention to human populations and their interactions with the environment. It is meant to be topical and at times controversial and students are encouraged to participate in discussion and play an active role. The course is particularly advised for those intending to pursue a non-science credential in the environmental studies program.

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, and 1175.

BIOL 1185 (3 CREDITS) (4:0:2)

Human Ecology

Human ecology is the study of relationships between people and the environment. This course will review how human relationships to the natural resources present in the area have changed over the period of human occupation. It will focus on the different relationships that a hunting/gathering culture and an industrial-based society have to their environment and use of food resources. The latter part of the course will examine contemporary land use practices and issues from a human ecological perspective. Offered as part of Fraser River Studies and Mekong River Studies.

BIOL 1190 (3 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): A minimum "C+" grade in Biology 11 or 12, or a minimum "C" grade in one of the following: BIOL 1111, 1115, 1175, or 1216; and one of the following: LET level 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; BC English 12 with a minimum "C+" grade; BC English Literature 12 with a minimum "C+" grade; BC English First Peoples 12 with a minimum "C+" grade; a university-level English course for which Langara College awards transfer credit, with a minimum "C-" grade; or a minimum "C" in ENGL 1120; or an "S" grade in one of ENGL 1107, 1108, or 1110.

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 (3 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): A minimum "C" grade in BIOL 1115.

BIOL 1218 (4 CREDITS) (4:0:3)

Biodiversity and Conservation Biology

After developing a foundation in ecological theory students examine issues in conservation biology. Major topics include loss of biodiversity, habitat fragmentation, conservation genetics, wildlife management, and human ecology. Local field trips are required as part of the lab portion of the course. This course is primarily for non-science majors interested in taking a biology course that emphasizes environmental issues.

BIOL 2105 (0 CREDITS) (0:0:8)

Biology Field School

Students taking BIOL 2380, BIOL 2440 or BIOL 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.

Prerequisite(s): A minimum "C+" grade in BIOL 1191; and an "S" grade in NURS 1163.

BIOL 2260 (3 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 1215.

BIOL 2286 (3 CREDITS) (3:2:3)

Ecology of the Mekong River

An introductory, science-transfer ecology course taught mostly in Thailand. The course will emphasize terrestrial and fresh water ecosystems using examples from the Mekong River Basin.

Prerequisite(s): A minimum "C-" grade in BIOL 1115 and 1215 or equivalent.

BIOL 2292 (3 CREDITS) (3:1:0)

Health Science IV: Pathophysiology II

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.

Prerequisite(s): A minimum "C+" grade in BIOL 2192; and an "S" grade in NURS 1263.

BIOL 2300 (3 CREDITS) (3:0:0)

Directed Studies

Corequisite(s): AFFS 1305.

BIOL 2315 (3 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): A minimum "C+" grade in BIOL 1115 and 1215; a minimum "C" grade in CHEM 1220; or permission of the instructor. Successful completion or concurrent registration in CHEM 2316 and 2416 is recommended.

BIOL 2330 (3 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 (3 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 (3 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 (3 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 permission of the instructor.

BIOL 2380 (3 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.

Corequisite(s): BIOL 2105 when offered.

BIOL 2415 (3 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 permission of the instructor.

BIOL 2440 (3 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 when offered.

BIOL 2450 (3 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 when offered.

BIOL 2470 (3 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 (3 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 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.

Prerequisite(s): A minimum "C+" grade in BIOL 2292 and NURS 1104; or an "S" grade in NURS 2163.

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)

Business Computer Applications I

This is a comprehensive course that provides hands-on computer experience and exposes the student to applications and software packages commonly used in business. A theory-based overview of hardware, software, and computer fundamentals is included.

Students will receive credit for only one of CPSC 1000 and BCAP 1200.

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 a 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, CSIS 2500, and CISY 2415.

Prerequisite(s): Completion of a minimum 30 credits including a minimum "C" grade in thee credits of university-transferable English or communications.

BCAP 4200 (3 CREDITS) (4:0:0)

e-Business Solutions

This course provides a comprehensive analysis of several e-business solutions that allow organizations to reduce overheads and manage their capital and human resources to stay competitive. Systems covered include supply chain management, e-procurement, trading exchanges, auctions, customer relationship management, billing and payment, human resources management, and business intelligence.

Prerequisite(s): A minimum "C" grade in BCAP 3200; and a minimum 54 credits including a minimum "C" grade in six 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, BCAP 4820, and 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

This course introduces students to Canada's economy, different economic systems, business ethics and social responsibility, legal fundamentals, and management. The course examines organizational and human resource management concepts and practices, marketing, accounting, finance, and operations management.

BUSM 1115 (3 CREDITS) (3:1:0)

Entrepreneurship

A practical course which introduces the relevant aspects of setting up a small business. These include basic accounting concepts, forms of legal ownership, basic market research, determination of marketing and personnel policies, budgeting, financing, purchasing, promotion, and pricing. Also explored are the personal characteristics of the successful entrepreneur.

Prerequisite(s): BC English 12 or equivalent with a minimum 67%; BC English Literature 12 with a minimum 67%; BC English First Peoples 12 with a minimum 67%; 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" in one of 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 and 1250.

Prerequisite(s): BC English 12 or equivalent with a minimum 67%; BC English Literature 12 with a minimum 67%; BC English First Peoples 12 with a minimum 67%; a university-level English or communications course for which Langara awards transfer credit; or a minimum "C" grade in 120; or a minimum "C-" grade in ENGL 1121, or an "S" in one of 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.

Prerequisite(s): BC English 12 or equivalent with a minimum 67%; BC English Literature 12 with a minimum 67%; BC English First Peoples 12 with a minimum 67%; 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" in one of 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 Diploma in Design Formation, Fine Arts, Professional Photography, and Publishing, and the Certificate in Film Arts.

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 Fine Arts, Diploma in Professional Photography, Diploma in Publishing, and Certificate in Film Arts.

Prerequisite(s): A minimum "C" grade in BUSM 1901.

BUSM 2115 (3 CREDITS) (3:1:0)

Human Resources Management

A course in human and industrial relations with emphasis on the various processes and techniques of acquiring and maintaining an efficient workforce. It will examine the more technical aspects of personnel management, including legal issues, compensation, and employer/employee rights in sufficient depth to give a reasonable understanding of their purpose and nature. The course will be taught using a series of seminar type lectures, readings, case histories, and guest lectures.

Prerequisite(s): BC English 12 or equivalent with a minimum 67%; BC English Literature 12 with a minimum 67%; BC English First Peoples 12 with a minimum 67%; 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" in one of 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

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 1321 and 2200.

Prerequisite(s): BC English 12 or equivalent with a minimum 67%; BC English Literature 12 with a minimum 67%; BC English First Peoples 12 with a minimum 67%; 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" in one of 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 2300 (3 CREDITS) (3:2:0)

Employment Strategies for Current Labour Markets

BUSM 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.

Prerequisite(s): One of the following: LET with a minimum level 3; LPI with a minimum 26 on the essay with one of the following: a minimum 5/10 in sentence structure, a minimum 5/10 in English usage, or a minimum 10/20 in reading comprehension; an "A" grade in BC English 12, BC English Literature 12, or BC English First Peoples 12; a minimum "C-" grade in a university-transferable English or communications course, or a "C" grade in ENGL 1120, or an "S" in one of ENGL 1107, 1108 or 1110.

Note: This course is a prerequisite for participation in co-operative education.

BUSM 2450 (3 CREDITS) (2:2:0)

Business Planning

A course which emphasizes the "how to" techniques in the development of business plans. In this course, students select an existing or potential business venture and conduct the research, planning, and writing of a plan.

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. Completion of one of the following: a minimum 67% in BC English 12, BC English Literature 12, BC English First Peoples 12, or equivalent; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" in ENGL 1120; a minimum "C-" in ENGL 1121; an "S" in one of 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.

Prerequisite(s): Admission to the DCP of the BBA, or with 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 BBA.

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 3392 (3 CREDITS) (4:0:0)

Managing the Employment Relationship

This course introduces learners to the foundations of the employment relationship between employer and employee. Key concepts of the course focus on the establishment, development, and maintenance of the workforce. Managing the employee relationships is studied through three perspectives: employment relations law, collective bargaining and trade unionism, and progressive human resource management (HRM). The significance of the relationship between effective employee relations and business success is explored. There is a brief introduction to the international HRM challenges in global employment relationship management.

This course is highly participative. Learners will be assigned to union and management teams to take part in the development, preparation, and delivery of a collective agreement negotiations simulation.

Prerequisite(s): A minimum "C" grade in BUSM 2200; and a minimum "C" grade in three credits of university-transferable English or communications.

BUSM 3400 (3 CREDITS) (4:0:0)

Investment Strategies

This course provides a practical introduction to today's financial markets. Common financial instruments as well as portfolio management will be covered. The course will focus on personal as well as corporate strategies. Student teams will demonstrate their understanding of the course content by managing a financial portfolio, and by discussing the portfolio performance.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in six credits of university-transferable English or communications; and a minimum "C" grade in one of FMGT 1116, 1215, or 2293.

BUSM 3500 (3 CREDITS) (2:2:0)

Business Competitions

This course will prepare you to compete in internal, regional, and national business competitions. You will learn about all functional areas of business: finance, human resources, operations, and marketing. You will gain a deeper understanding of your own personal strengths and communication styles. You will form teams and enter business simulation and business case competitions. You will learn to formulate a corporate business strategy, make decisions, and interact as executive leaders running a company under competitive pressure. You will also develop your professional communication and presentation skills as you will regularly report to your board of directors and get used to answering tough questions.

Prerequisite(s): Completion of a minimum of 30 credits including a minimum "C" grade in six credits of university-transferable English or communications; and one of FMGT 1116, 2293, or 1215; and MARK 1115.

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.

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 CMNS 2228, and a minimum "C" grade in 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 BBA and BRM.

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 4195 (3 CREDITS) (4:0:0)

Special Topics in Business

Special Topics in Business will allow students the opportunity to explore defined current issues in 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 Bachelor of Business Administration.

Prerequisite(s): Successful completion of 54 credits.

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.

Registration in this course is restricted to students admitted into the BBA.

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.

Prerequisite(s): Successful completion of at least 105 credits in the BBA including a minimum "C" grade in BUSM 4200 and CMNS 2228; and BUSM 3000 or COOP 2301. This course is restricted to students in their final term of the BBA.

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.

Note: Students may 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 the 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, and Marketing Management.

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 may receive credit for only one of BUSM 3200 and 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 Management 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.

Note: Students may receive credit for only one of BUSM 3220 and 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 may receive credit for only one of BUSM 4100 and 4830. BUSM 4100 may not be used to satisfy the BUSM 4830 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Business Management.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and 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 s ide of change, and the transition process.

Students may receive credit for only one of BUSM 4120 and 4840. BUSM 4120 may not be used to satisfy the BUSM 4840 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Business Management 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.

Students may receive credit for only one of BUSM 4200 and 4850. BUSM 4200 may not be used to satisfy the BUSM 4850 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Business Management and Post-Degree Diploma in Marketing Management.

Prerequisite(s): A minimum "C" grade in BUSM 4805 and 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 and 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 Metis) 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.

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 1150 (3 CREDITS) (4:0:0)

Quebec Nationalism

Provides an opportunity to understand the origins, development, and contemporary nature of Quebec nationalism. The course will examine the social, cultural, political, economic, and linguistic manifestations of Quebec nationalism and assess the tensions between Quebec and the rest of Canada. The possibility of meeting Quebecois aspirations within Canada and related special status arrangements will be discussed.

This course satisfies the Canadian content requirement for the Bachelor of Education Degree at UBC.

CNST 1160 (3 CREDITS) (4:0:0)

Canadian Cultural Expression

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.

Prerequisite(s): One of the following: a minimum 67% in BC English 12, BC English Literature 12, or BC English First Peoples 12; a minimum "C" grade in any first-year ENGL or CMNS course; LET 3 (or LPI equivalent); LEAP 8; or an "S" grade in one of ENGL 1107, 1108, or 1110.

CNST 4850 (3 CREDITS) (3:1:0)

Work in Canadian Society

Work dominates a significant part of our lives and determines not only what we do many hours a day, but also who we meet, how we see and define ourselves, and at what standard we live. In this course, we will examine the larger forces that have an impact on our decisions about work and its conditions, some history about how work has been shaped and how groups of workers have organized to improve their working lives, and the effects of gender, race, and class on paid and unpaid work.

Students will receive credit for only one of CNST 1130 and 4850. CNST 1130 may not be used to satisfy the CNST 4850 requirement.

Registration in this course is restricted to students admitted to the Post-Degree Certificate in Diversity and Inclusion Leadership.

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): A minimum "C+" grade in CHEM 1114; an "A" or "B" grade in Chemistry 11; a minimum "C" grade in Chemistry 11 and Chemistry 12; or a successful score on Chemistry Diagnostic Test. In addition, a minimum "C-" grade in MATH 1150, Principles of Mathematics 12, or Precalculus 12; or MDT 70. Prerequisites are valid for only three years.

CHEM 1120 (4 CREDITS) (3:0:3)

General Chemistry I

CHEM 1120 constitutes a first-year course in general college chemistry. CHEM 1120 covers quantum chemistry, bonding, absorption of energy by molecules, applications of structure, and chemistry in society.

Prerequisite(s): A minimum "C-" grade in CHEM 1118; an "A" or "B" grade in Chemistry 12; or successful score on Chemistry Diagnostic Test. In addition, a minimum "C " grade in MATH 1152, Principles of Mathematics 12, or Precalculus 12; or MDT 75. Prerequisites are valid for only 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 for students admitted to the Certificate in Arts and Science (Engineering).

Prerequisite(s): A minimum "B" grade in CHEM 12 or equivalent; a minimum "C+" in CHEM 1118; or CDT results as for CHEM 1120; and a minimum "C" grade in MATH 12; or MDT 75; or MATH 1152. Prerequisites are valid for only 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

A first-year course in general chemistry. Topics include solutions, energetics, thermodynamics, chemical kinetics, structure, and reactivity.

Prerequisite(s): A minimum "C-" grade in CHEM 1120; and a minimum "C" grade in MATH 1152, Principles of Mathematics 12, or Precalculus 12; or MDT 75. A proficiency test administered by the department may be required for students wishing to transfer into CHEM 1220. (MATH 1153 is recommended as a co-requisite).

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.

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 and 2224.

Prerequisite(s): A minimum "C-" grade in CHEM 1120 and 1220.

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.

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.

CHEM 2250 (4 CREDITS) (3:0:2)

Physical Chemistry for the Life Sciences

This second-year level chemistry course builds on a first-year knowledge of chemical kinetics, spectroscopy, and thermodynamics. This course is required for second-year biology and is useful in a variety of fields such as agriculture, medicine, and Earth sciences.

Students will receive credit for only one of CHEM 2210 and 2250.

Prerequisite(s): A minimum "C-" grade in CHEM 1220; and one of the following: MATH 1171, 1174, or 1253; or MATH 1173 and 1183. MATH 1271; or MATH 1273 and 1283 is recommended.

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.

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.

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 minimium "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 2211 (3 CREDITS) (4:0:0)

Intermediate Chinese Reading and Writing I

CHIN 2211 is designed for heritage language speakers and takes a holistic approach to further develop students' reading, writing, and speaking skills at an intermediate level. In CHIN 2211, students will learn approximately 300 commonly used Chinese words and phrases, and develop further understanding of Chinese grammar. Students will acquire skills to enhance their Chinese literacy level as well as to nurture their appreciation of the Chinese language and literature through reading prose and short stories. Students will also gain insights into the socio-cultural knowledge embedded in the reading materials. Chinese films will be introduced at the same time to help develop a historical perspective of China in the 20th century.

Students must 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 grade three in a Chinese-speaking country/area or who have completed any intermediate-level course(s) in Chinese as a second language are not normally permitted to register in CHIN 2211.

Registered students deemed to be overqualified will be directed to a higher level course.

Prerequisite(s): A minimum "C-" grade in CHIN 1217 or demonstrated equivalent competency.

CHIN 2213 (3 CREDITS) (4:0:0)

Intermediate Chinese Reading and Writing II

As a continuation of CHIN 2211, CHIN 2213 is designed with a holistic approach to further develop students' reading, writing and speaking skills at an intermediate level. In CHIN 2213, students will learn another 300 commonly used Chinese words and phrases and be able to apply the grammatical concepts learned in the course in their own writing. Students will learn to read and comprehend different genres of Chinese writing. While acquiring skills to enhance their Chinese literacy level, students will learn to nurture their appreciation of the Chinese language and literature through reading prose and short stories. Students will also gain insights into socio-cultural knowledge embedded in the reading materials. Chinese films will be introduced at the same time to help develop a perspective of China in the present day.

Students must be able to use all the basic sentence patterns in modern Chinese and to read, write, and use approximately 1,400 Chinese words and phrases. Students who have not completed CHIN 2211 should consult with an instructor of Chinese before registering in this course.

Students who have completed grade three 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 2211 are not normally permitted to register in CHIN 2213.

Registered students deemed to be overqualified will be directed to a higher level course.

Prerequisite(s): A minimum "C-" grade in CHIN 2211 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 for Chinese Dialect Speakers 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 and 2221.

CHIN 2223 (3 CREDITS) (3:0:1)

Mandarin Conversation for Chinese Dialect Speakers 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 and 2223.

Prerequisite(s): A minimum "C-" grade in CHIN 2221 or 1217.

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 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: • a minimum 5/10 in sentence structure; or • a minimum 5/10 in English usage; or • a minimum 10/20 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 BC English 12 or BC English Literature 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.

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 3 (or LPI equivalent); a minimum 80% in one of BC English 12, BC English Literature 12, or BC English First Peoples 12; or an "S" grade in ENGL 1107, 1108, or 1110; or a minimum "C" grade in ENGL 1120.

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 3 (or LPI equivalent); a minimum 80% in one of BC English 12, BC English Literature 12, or BC English First Peoples 12; or 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

New Course as of Spring Semester 2019

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 3 (or LPI equivalent); a minimum 80% in BC English 12, BC English Literature 12, or BC English First Peoples 12; 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 CMNS 1118, ENGL 1127, or 1140; or permission of the English department.

CMNS 4810 (3 CREDITS) (3:1:0)

Communications for Data Professions

New Course as of Summer Semester 2019

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 BC English 12, BC English Literature 12, or BC English First Peoples 12; 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 CPSC 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 1000 (3 CREDITS) (2:0:4)

Essential Computer Application

This course is intended for students who have no previous (or limited) experience with computers. It provides an introduction to concepts in computer science as well as hands-on computer experience using many computer applications, including word processing, presentation software, spreadsheets, and databases. The windows operating system, file management, electronic mail, internet browsing, and the use of graphic images are integrated into the classroom and laboratory.

Students will receive credit for only one of BCAP 1200 and CPSC 1000.

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 Programming

Introduction to programming with a modern programming language (e.g. Visual Basic NET) in a windowing (e.g. Microsoft Windows) 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 interface for GUI applications.

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 3D space problems.

Prerequisite(s): A minimum "B" grade in Principles of Mathematics 12, Precalculus 12, or equivalent; or a minimum "C+" grade in Principles of Mathematics 12 or 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.

Note: Limited to Arts and Science (Engineering) certificate students only.

CPSC 1150 (3 CREDITS) (4:0:2)

Program Design

Provides a general understanding of computing environment and stored information; teaches algorithm development and fundamentals of programming using a suitable high-level language (e.g. Java); introduces abstraction concepts; and focuses on program design and implementation using the procedural programming paradigm.

Prerequisite(s): One of the following: MDT 85; a minimum "B" grade in Principles of Mathematics 12 or Precalculus 12; a minimum "C-" grade in MATH 1171, 1173/1183, or 1174; a minimum "C" grade in CPSC 1040 or 1045; or a minimum "B" grade in CPSC 1050.

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.

Prerequisite(s): One of the following: MDT 85; a minimum "A" grade in Computer Science 12; a minimum "B" grade in Principles of Mathematics 12 or Precalculus 12; a minimum "C-" grade in one of the following: MATH 1150, 1152, 1153, 1170, 1171, 1173/1183, or 1174; a minimum "C" grade in CPSC 1040, 1045 or 1050; or permission of the department. MATH 1150, 1152, 1153, 1170, 1171, 1173/1183 or 1174 may be taken concurrently.

CPSC 1160 (3 CREDITS) (4:0:2)

Algorithms and Data Structures I

Covers low-level operations, recursion, systematic software development, abstract data types, creation of libraries of reusable routines, sorting and searching algorithms, efficiency, algorithm analysis, pointers, arrays, dynamic memory management, linked lists, stacks, queues, introduction to hashing, binary trees and tree traversals, and advanced data manipulation. Object-oriented programming will be 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, 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 1181 (3 CREDITS) (4:0:2)

Object-oriented Computing

Introduces 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. OO design with modeling tools (e.g. class diagrams). Application of simple container/collection classes; event-driven programming; exception handling; GUI; multi-threading; and networking. Emphasizes good software engineering principles using a language that supports the OO paradigm (e.g. Java).

Prerequisite(s): A minimum "C" grade in CPSC 1150 or 1155; or permission of department.

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.

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.

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.

Priority registration for students admitted to the Certificate in Arts and Science (Engineering).

Prerequisite(s): A minimum "C" grade in CPSC 1150 or 1155.

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.

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.

CPSC 2150 (3 CREDITS) (4:0:2)

Algorithms and Data Structures II

Linear and non-linear structures and their implementation using the object-oriented programming paradigm. Topics include algorithm analysis, algorithmic paradigms (divide and conquer, greedy heuristic, backtracking, and dynamic programming), data representation, matrices, lists, stacks, queues, mappings, dictionaries, binary trees, balanced trees, B-trees, tree traversals, meta-languages, expression trees, prefix, infix and postfix expressions and conversions, priority queues and heaps, search trees, hashing, Huffman codes, graphs, and graph algorithms.

Prerequisite(s): A minimum "C" grade in CPSC 1160; or permission of department. CPSC 1181 is recommended.

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.

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.)

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 and 2221.

Prerequisite(s): A minimum "C" grade in one of the following: CPSC 1040, 1045, 1150, or 1155.

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 and 2600.

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.

CPSC 2301 (3 CREDITS) (4:0:2)

Software Engineering

The design and implementation of medium and large-scale software systems using group programming techniques. A best practices approach to understanding people, product, process, and technology issues in an enterprise. Software Engineering principles, techniques, 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 only receive credit for one of CPSC 2301, 2350, or CSIS 2302.

Prerequisite(s): A minimum "C" grade in CPSC 1160 or 1181, and a minimum "C" grade in CPSC 2221 and 1280; or permission of department.

CPSC 2350 (3 CREDITS) (4:0:2)

Software Practices

New Course as of Summer Semester 2019

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 only receive credit for one of CPSC 2301, 2350, or CSIS 2302.

Priority registration in this course is offered to students enrolled in the Citation in Full Stack Web Development.

Prerequisite(s): A minimum "B" grade in CPSC 1030 and 1045.

CPSC 2401 (3 CREDITS) (4:0:2)

Digital Systems Design

Develops an understanding of computer electronics from the bottom up; starting with binary numbers and codes, moving through switch, gate, and register levels, and concluding with an introduction to system architecture. Topics will include binary arithmetic and codes, combinational design, PLDs, two-level minimization, the K-Map method, multiplexers, decoders, adders, subtractors, sequential circuit concepts and design; delays and latches; triggering methods, flip-flops, and clocking issues. Register-level design and Architecture-level design; Basic computer organization, and microprocessor-based systems. Students will develop a major lab project for this course.

Prerequisite(s): A minimum "C-" grade in CPSC 1401 and a minimum "C" grade in CPSC 1150 or 1155; or permission of department.

CPSC 2480 (3 CREDITS) (4:0:2)

Data Communications and Networks

Fundamental concepts of data communications and networking including data link control and multiplexing; data communications equipment and software; communications protocols; networking with particular emphasis on the OSI international model; alternative to networks as well as issues of network software integration in modern operating systems. A series of lab assignments and experiments to illustrate data communications techniques and fundamentals of design, configuration and implementation of LAN will be given.

Prerequisite(s): A minimum "C" grade in CPSC 1280; and a minimum "C" grade in CPSC 1160 or 1181; or permission of the department.

CPSC 2600 (3 CREDITS) (4:0:2)

Full Stack Web Development I

New Course as of Summer Semester 2019

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 and 2600.

Priority registration in this course is offered to students enrolled in the Citation in Full Stack Web Development.

Prerequisite(s): A minimum "B" grade in CPSC 1030 and 1045.

CPSC 2650 (3 CREDITS) (4:0:2)

Full Stack Web Development II

New Course as of Summer Semester 2019

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 enrolled in the Citation in Full Stack Web Development.

Prerequisite(s): A minimum "C" grade in CPSC 2350 and 2600.

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 1280; and a minimum "C" grade in CPSC 1160 or 1181.

CPSC 4800 (3 CREDITS) (2:0:2)

Computing for Data Analytics

New Course as of Spring Semester 2019

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.

CPSC 4810 (4 CREDITS) (3:0:3)

Transformations for Data Analytics

New Course as of Spring Semester 2019

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 and 4810.

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 4800.

CPSC 4820 (3 CREDITS) (2:0:2)

Visualization for Data Analytics

New Course as of Spring Semester 2019

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 and 4820.

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 4800 and DANA 4800.

CPSC 4830 (3 CREDITS) (2:0:2)

Data Mining for Data Analytics

New Course as of Summer Semester 2019

Once data has been gathered, it must be cleaned, processed, and analyzed in order to find the most appropriate model to descirbe 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 and 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, 4820, and DANA 4830.

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 and 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 and CSIS 1310.

Prerequisite(s): A minimum "C-" grade in CSIS 1300 or permission of the department.

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 and 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 only receive credit for one of CPSC 2301, 2350, or CSIS 2302.

Prerequisite(s): A minimum "C" grade in CSIS 1310 and CPSC 2221; or permission of department.

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, CSIS 2500 and CISY 2415.

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.

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 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.

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 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: 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 (discontinued) and 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 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.

Co-operative education courses cannot be used to meet elective requirements.

Students will only receive credit for 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 only receive credit for COOP 2501, or 2502 and 2503.

Prerequisite(s): Acceptance to the co-op option; 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 (discontinued) and 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 only receive credit for 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.

Co-operative education courses cannot be used to meet elective requirements.

Students will only receive credit for COOP 3301, or 3302 and 3303.

Prerequisite(s): Acceptance to the co-op option; approved co-op work placement; successful completion of COOP 2501 or 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 only receive credit for COOP 3301, or 3302 and 3303.

Prerequisite(s): Acceptance to the co-op option; approved co-op work placement; 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.

Co-operative education courses cannot be used to meet elective requirements.

Students will only receive credit for COOP 4301, or COOP 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; approved co-op work placement; successful completion of COOP 3301, or 3302 and 3303.

COOP 4800 (3 CREDITS) (0:32.31:0)

Co-operative Work Placement – PDD

New Course as of Fall Semester 2018

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 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.

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

This course provides a basic level of instruction for private security accordance with the first component of the Basic Security Training Standards (B.S.T. 1) of the Ministry of the Attorney General for British Columbia Licensing. In addition, the course will focus on the role of private security in the protection of commercial and industrial operations against profit loss. The instructor and guest lecturers will cover loss through theft, fraud, robbery, burglary, vandalism, fire, carelessness, etc.

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.

PREREQUISITES

Prerequisites for CRIM 1216, 2315, 2316, 2415, 2416:

1. A score of Level 4 in Langara English Test (LET) or a minimum essay score of 30 on the Language Proficiency Index (LPI) test or a minimum "C" grade in one of ENGL 1127, 1128, 1129 or 1130

   and

2. A minimum "C" grade in one of the following courses:
   - CRIM 1115, (or CRIM 1125 for CRIM 1215)
   - ECON 1119, 1220, 1221
   - HIST 1116, 1126
   - PHIL 1100, 1101
   - POLI 1100, 1119
   - PSYC 1115, 1215
   - SOCI 1120, 1121

Students who do not meet the above prerequisite requirements, but have postsecondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take any of the criminology courses listed above.

CRIM 1115 (3 CREDITS) (3:1:0)

Introduction to the Criminal Justice System

This course is designed to introduce the student to the various components of the Canadian Criminal Justice System (C.J.S.), the roles of its principle participants, the interaction between the components, and some of the issues which both facilitate and complicate the administration of justice in Canada. The course will also focus on special topics that include: Youth, Natives, and Women in the C.J.S.; the Charter and the C.J.S.; and the changing role of the corrections and the Criminal Justice System. Finally, there will be an in-depth examination of the Donald Marshall Jr. case and the subsequent Royal Commission inquiry into the Marshall case.

CRIM 1116 (3 CREDITS) (3:1:0)

Introduction to Canadian Law and Legal Institutions

General introduction to jurisprudence, sources and divisions of law, the development of the Canadian Constitution, major legal institutions, doctrines of Precedent and Stare Decisis, the rules and principles of statutory interpretation, and significant areas of substantive law.

CRIM 1125 (3 CREDITS) (3:1:0)

Introduction to Criminology

An introduction to criminology as an academic discipline and as a profession. The course will examine different terms and concepts commonly used in criminology; explore the relationship between criminology and other academic disciplines; provide an overview of the history and evolution of criminological thought; and develop a critical appraisal of theoretical explanations, research methods, and the philosophical and political foundations of modern criminological policy.

CRIM 1213 (3 CREDITS) (4:0:0)

Women and the Justice System

This course will examine historical and contemporary perspectives on women as offenders and victims of crime. The frequency and types of crime committed by women, and against women, will be explored as well as the criminal justice system's response to these issues. Specific emphasis will be given to visible minority women, women in prison, and programs and services designed for female offenders. The course will also highlight women working in the criminal justice system as well as the media's representation of women who come into conflict with the law.

CRIM 1215 (3 CREDITS) (3:1:0)

Introduction to Policing

This course will examine many issues affecting policing in Canada. Time will be spent tracing the historical underpinnings of the Canadian policing experience and reviewing how these events dictated and confused the mandate of the police officer. Contemporary issues to be explored will include: the selection, training and promoting of officers; the types of police work, specifically the patrol and detective functions; community policing; police powers; discretion; police misconduct; the police sub-culture; and the police organization.

CRIM 1216 (3 CREDITS) (3:1:0)

Criminal Law

General introduction to the nature, scope, sources, and general principles of criminal law in Canada. Review of the history and evolution of Canadian Criminal Law. Study of the concepts of Mens Rea and Actus Reus. Critical examination of legislative policies expressed in the Criminal Code. Analysis of criminal responsibility. Review of legal principles in relation to selected major crimes and defences in Canada.

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 on the Langara English Test (LET); a minimum essay score of 30 on the Language Proficiency Index (LPI) test; or a minimum "C" grade in one of the following: ENGL 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 postsecondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

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): A score of Level 4 in Langara English Test (LET) or a minimum essay score of 30 on the Language Proficiency Index (LPI) test or a minimum "C" grade in one of the following: ENGL 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 postsecondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

CRIM 2315 (3 CREDITS) (3:1:0)

Introduction to Corrections

The purpose of this course is to familiarize the student with various theoretical and practical issues facing the corrections arm of the Canadian Criminal Justice System. Included in the course will be an exploration of the historical underpinning of Canadian corrections as well as its role and present structure. This course will examine sentencing options available to the judiciary and their impact on the operations of corrections. In addition, this course will explore relevant issues relating to life as an inmate or a correctional officer within the present system.

Prerequisite(s): A score of Level 4 in Langara English Test (LET) or a minimum essay score of 30 on the Language Proficiency Index (LPI) test or a minimum "C" grade in one of the following: ENGL 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 postsecondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

CRIM 2316 (3 CREDITS) (3:1:0)

Criminal Law and Court Procedure

Critical examination of selected topics in criminal procedure and evidence, including cross-national comparisons where appropriate. Detailed examination of the impact of the Charter of Rights on criminal procedure and admissibility of evidence. Review of various procedures contained in the Young Offenders Act and selected regulatory legislation.

Prerequisite(s): A score of Level 4 in Langara English Test (LET) or a minimum essay score of 30 on the Language Proficiency Index (LPI) test or a minimum "C" grade in one of the following: ENGL 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 postsecondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

CRIM 2415 (3 CREDITS) (4:0:0)

Multiculturalism and the Criminal Justice System

The purpose of this course is to familiarize the student with multicultural issues that relate to the administration of justice in Canada. The central issues to be explored are values, belief systems, culture, prejudice, discrimination, stereotyping, employment equity, and immigration. Once these issues are understood, an examination will begin into those areas where culture conflicts with the philosophical and legal intent of the criminal justice system.

Prerequisite(s): A score of Level 4 in Langara English Test (LET) or a minimum essay score of 30 on the Language Proficiency Index (LPI) test or a minimum "C" grade in one of the following: ENGL 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 postsecondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

CRIM 2416 (3 CREDITS) (4:0:0)

Law, Youth and Young Offenders

In this course, students will analyze the definitions and control mechanisms for youthful misconduct in Canadian society from an historical and in a contemporary context. Included will be an examination of state responses to criminal behaviour of young persons, especially the Young Offenders Act (YOA) and related legislation and case law. Concepts such as 'juvenile delinquency' and the 'young offender' will be considered.

Prerequisite(s): A score of Level 4 in Langara English Test (LET) or a minimum essay score of 30 on the Language Proficiency Index (LPI) test or a minimum "C" grade in one of the following: ENGL 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 postsecondary, university-transferable credits or experience may apply to the chair of the Criminal Justice department for permission to take this course.

CRIM 2417 (3 CREDITS) (4:0:0)

Ethics and Professional Issues in Justice and Law

Students will examine various ethical and other issues which affect professionals in the fields of justice and law. Students will review relationships with clients, the public, the government, employers, and other professionals. Professional codes of conduct and government and legal regulation will be referred to. Topics will include confidentiality, conflicts of interest and duty, ethics in research and in decision-making, and use and abuse of power, as well as others of interest to students in the course.

Data Analytics (DANA)

DANA 4800 (3 CREDITS) (3:0:1)

Data Analysis and Statistical Inference

New Course as of Spring Semester 2019

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.

DANA 4810 (3 CREDITS) (3:0:1)

Predictive Analytics - Quantitative Data

New Course as of Spring Semester 2019

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.

Prerequisite(s): A passing mark from the Data Analytics Math Assessment Test; or a minimum "C" grade in DANA 4800 and an "S" grade in MATH 4801.

DANA 4820 (3 CREDITS) (3:0:1)

Predictive Analytics - Qualitative Data

New Course as of Spring Semester 2019

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.

Prerequisite(s): A passing mark from the Data Analytics Math Assessment Test; or a minimum "C" grade in DANA 4800 and an "S" grade in MATH 4801.

DANA 4830 (3 CREDITS) (4:0:0)

Dimension Reduction & Classification I

New Course as of Summer Semester 2019

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.

Prerequisite(s): A minimum "C" grade in DANA 4810.

DANA 4840 (3 CREDITS) (4:0:0)

Classification II

New Course as of Summer Semester 2019

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.

Prerequisite(s): A minimum "C" grade in DANA 4820 and 4830.

DANA 4850 (6 CREDITS) (4:0:4)

Capstone Project

New Course as of Summer Semester 2019

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 all of the following: CPSC 4810, 4820, DANA 4820, and 4830.

Corequisite(s): CPSC 4830 and DANA 4840.

Design Formation (DSGN)

The following studio courses, except DSGN 1100, 1200, and 2100, are restricted to students in the Diploma in Design Formation and those with departmental permission.

Students registered in the Diploma in Design Formation must achieve a minimum grade of "C" in all DSGN studio courses to enrol in the next term of the program. Students may not drop any studio courses in this program.

It should be noted that study beyond that included in the program curriculum is required to enter the specific industry areas of graphic and interior design.

DSGN 1100 (3 CREDITS) (3:1:0)

Design Explorations: From Typography to Tattoos

This course explores the relevance and impact of design in our everyday lives and details design trends and transitions in an historical context. It examines the form and function of everyday items such as tattoos, music posters, magazine covers, cell phones, as well as automobiles and houses, and it explores how environment, culture, and technology have shaped - and continue to shape - the design of such commonly used items. The course also looks at how design is related to "branding" and its 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 the visual arts areas, or considering careers in design. This course is not intended to teach students design skills.

Students will receive credit for only one of DDSN 1100 and DSGN 1100.

DSGN 1151 (3 CREDITS) (3:1:0)

Communication Design I

This course is a basic graphic design course that addresses good design applied in everyday print situations. The intent is to create an awareness of graphic design principles and processes to accomplish tasks such as the design of logos, business cards, self promotional materials, stationery packages, resumé design, and simple ads. Basic knowledge of type classifications, letter and word spacing, strategies of layout, and creative thinking will all assist the novice designer to make good choices based on knowledge of sound design principles. Whether the student is entering a general arts area or a path focused on design, the skills gathered in this course, along with the accomplishments of projects assigned, will give the student a strong design foundation for a variety of computer software applications. With the importance of the computer in day-to-day information, skills to create visual communication (graphic design) are a necessity. This course encourages creative thought, visual communication vocabulary, layout skills, typography knowledge, and visual solutions as opposed to teaching software applications directly. All projects in this class can be hand-done or done using basic computer skills.

Students will receive credit for only one of DDSN 1151 and DSGN 1151.

Prerequisite(s): Acceptance into the Diploma in Design Formation or the Diploma in Professional Photography.

DSGN 1152 (3 CREDITS) (3:1:0)

3D Design: Retail Visual Presentation I

This course will give the student an awareness of what retail visual presentation is and the range of applications found in the retail business environment. Students will acquire basic retail visual presentation techniques, concentrating on the universal principles of design as they apply to 3D design and composition. The semester will include explorations in the area of theme development, display theory, methods and materials, industry standards, and basic presentation techniques that are utilized for a variety of commodity groups.

Students will receive credit for only one of DDSN 1152 and DSGN 1152.

Prerequisite(s): Acceptance into the Diploma in Design Formation or department permission.

DSGN 1153 (3 CREDITS) (3:1:0)

Introduction to Interior Spaces

Students are introduced to 3D spatial thinking as applied to the understanding and design of interior spaces. This hands-on course takes students step by step through different design methodologies to identify, describe, and investigate solutions to specific interior design problems. Factors affecting interior spaces will be discussed in depth including materials, light, colour, and furniture, in relation to the human body. In addition, students will learn sketching, drafting, and other documentation to communicate their design ideas.

Students will only receive credit for one of DDSN 1153 and DSGN 1153.

Registration in this course is restricted to students admitted to the Diploma in Diploma in Design Formation.

DSGN 1154 (3 CREDITS) (3:1:0)

Form, Materials and Process

This course will introduce the student to new materials, the safe operation of tools, and techniques utilized in the visual presentation field. This is a project-based course that will enable students to explore and develop the skills and technical knowledge required to complete design assignments discussed in 3D Design: Retail Visual Presentation I.

Students will receive credit for only one of DDSN 1154 and DSGN 1154.

Prerequisite(s): Acceptance into the Diploma in Design Formation or department permission.

DSGN 1200 (3 CREDITS) (3:1:0)

Design Explorations II: The Designers - Form & Function

Students take an in-depth look at the leading visionaries who have altered the way we see and use products, create cult status, and shape spaces in our environments. We will analyze a variety of designers of architecture, graphic design, and industrial design to see how changes in our society, changes in our environment, and changes in technology have created the "need" for objects to be designed. This course will illustrate how these objects and spaces have a strong impact on society, how and where we live, what we buy, and what we view.

Prerequisite(s): DSGN 1100 is recommended.

DSGN 1250 (3 CREDITS) (3:1:0)

Communication Design II

Building on skills begun in Communication Design I, students further develop the vocabulary and technical skills essential in graphic communications, and they explore in greater depth the conceptual and design process, and the development of personal style. Students will also explore working in a single and multipage document, brand and packaging design, printing processes basics, and developing an ability to apply 2D graphics in a 3D surface.

Students will receive credit for only one of DDSN 1211/1212, 1250 and DSGN 1250.

Prerequisite(s): A minimum "C" grade in DSGN 1151; and a minimum "C-" grade in DSGN 1255.

DSGN 1252 (3 CREDITS) (3:1:0)

3D Design: Retail Visual Presentation II

Building on skills from 3D Design: Retail Visual Presentation I, students will acquire further knowledge of more complex skills and techniques. The course will also cover the following: merchandising principles, fashion styling; hard goods and soft goods handling; lifestyle presentations and staging; and proposal presentations including budgets, scheduling, costing, and estimating for retail and special event presentations. Students will explore the current industry of special events and related industries.

Students will receive credit for only one of DDSN 2221/2222, 1252 and DSGN 1252.

Prerequisite(s): A minimum "C" grade in DSGN 1152.

DSGN 1253 (3 CREDITS) (3:1:0)

Interior Spaces: Representation

Students continue to develop skills inherent to interior spaces design solutions. Creating client design briefs, investigating design criteria, generating and evaluating concepts. This project based course will address current issues and factors affecting interior spaces including, building systems, construction, sustainability, space planning, and human interface. 2D-3D hand and computer drafting, material, furniture fixture, equipment, presentation boards, and digital model and physical scale model presentation will be used to express the design outcomes.

Students will receive credit for only one of DDSN 1231/1232, 1253 and DSGN 1253.

Registration in this course is restricted to students admitted to the Diploma in Diploma in Design Formation.

Prerequisite(s): A minimum "C" grade in DSGN 1153.

DSGN 1255 (3 CREDITS) (3:1:0)

Computers & Design: Adobe Creative Suite

This course introduces students to Photoshop, InDesign, and Illustrator (CS4), scanning, and printing using the Mac environment. This introductory course introduces students to the tools and capabilities of the CS4 Adobe package.

Students will receive credit for only one of DDSN 1255 and DSGN 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.

DSGN 2151 (3 CREDITS) (3:1:0)

Communication Design: Typography

This course is an in-depth study of typography skills for designers. Beginning with an historical timeline, students will see the cultural and technological changes in the design of letterforms. Letterform anatomy, syntax, legibility, grids, messages, integration of type, and images will be explored through case studies and student projects.

Students will receive credit for only one of DDSN 1251, 2151, and DSGN 2151.

Prerequisite(s): A minimum "C" grade in DSGN 1151; or permission of instructor.

DSGN 2152 (3 CREDITS) (3:1:0)

3D Design: Exhibits and Events I

This course is designed to expose students to the broader scope of 3D visual presentation applications, which will include the fundamentals of exhibit and museum design. The focus of this term will emphasize variety of scale and application. Students will be challenged to further develop their existing skills, with the goal of reaching a new level of professionalism. The development of portfolio worthy compositions will also be a focus of this term.

Students will receive credit for only one of DDSN 2152 and DSGN 2152.

Prerequisite(s): A minimum "C-" grade in DSGN 1154, 1255, and 2253; and a minimum "C" grade in all of the following: DSGN 1151, 1152, 1153, 1250, and 1252.

Corequisite(s): DSGN 1253.

DSGN 2154 (3 CREDITS) (3:1:0)

Career Research

This course will expose students to potential career possibilities, employment aptitude, and preparedness techniques. Through a series of guest speakers from the Applied Design Community, workshops facilitated by the instructor, and research assignments, students will explore personal career opportunities.

Students will receive credit for only one of DDSN 2154 and DGSN 2154.

Prerequisite(s): A minimum "C-" grade in all of the following: DSGN 1151, 1152, 1153, 1250 and 1252; and a minimum "C" grade and DSGN 1154, 1255, and 2253.

DSGN 2251 (3 CREDITS) (3:1:0)

Communication Design: Major Projects

In this final term course, students in communication design focus on major projects development. Critical assessment, analysis, and fine tuning of design projects will assist the student in preparing for industry and assist in creation of their personal sales book.

Students will receive credit for only one of DDSN 2211/2212, 2251 and DSGN 2251.

Prerequisite(s): A minimum "C-" grade in DSGN 1255; and a minimum "C" grade in DSGN 1151, 1250, and 2151.

DSGN 2252 (3 CREDITS) (3:1:0)

3D Design: Exhibits and Events II

This course is designed to enhance the professional caliber of the skills and techniques explored in the three previous terms of the program. Exhibit and event design involves the conception, development, and execution of the design of spatial environments as a vehicle for communication. The course investigates how space and the objects within it interact with the physical body and human perception to create messages. The course takes a comprehensive look at all facets of the design process including observation and analysis, research, planning, design conceptualization, detail development, and documentation in two and three dimensions. Working in groups and individually, students will learn to demonstrate and articulate, through a variety of media, their findings, approaches, and design solutions.

Students will receive credit for only one of DDSN 2221/2222, 2252, and DSGN 2252.

Prerequisite(s): A minimum "C-" grade in all of the following: DSGN 1154, 1255, 2154 and 2253; and a minimum "C" grade in all of the following: DSGN 1151, 1152, 1153, 1250, 1252, 1253, 2151, and 2152.

Corequisite(s): DSGN 2251, 2254, and 2255.

DSGN 2253 (3 CREDITS) (3:1:0)

Computers and Design

This hands-on course introduces students to computer aided drafting and best practice techniques of 2D and 3D drafting, using current software. Through design exercises and projects, this course focuses on integrating these skills as part of the design process. Students will also gain the ability to formally and professionally communicate their design through paper documentation and digital presentation.

Students will receive credit for only one of DDSN 2231/2232, 2253 and DSGN 2253.

Registration in this course is restricted to students admitted to the Diploma in Diploma in Design Formation.

DSGN 2254 (3 CREDITS) (3:1:0)

Field Study

Building on the skills and knowledge in the Career Research course, students will explore the process of designing their portfolio. With consideration of the type of industry, professional identity, personal objectives, and skills needed, students will secure a practicum design position. A variety of options to explore include a design studio, or an in-house design position in a large company or organization; a place in a degree program; or the establishment of a freelance business. This course provides students the opportunity to use their skills and experience and contribute, where possible, on design projects with industry supervision. Students gain valuable insight in design environments and project deadlines. These insights pave the way for career directions.

Students will receive credit for only one of DDSN 2254, 2427 and DSGN 2254.

Prerequisite(s): A minimum "C-" grade in all of the following: DSGN 1154, 1255, 2154, and 2253; a minimum "C" grade in all of the following: DSGN 1151, 1152, 1153, 1250, 1252, 1253, 2151, and 2152; a minimum "C-" grade in two of CMNS 1115, 1118, ENGL 1127, or 1129; a minimum grade point average of 3.0 in all DSGN courses.

Corequisite(s): DSGN 2251, 2252, and 2255.

DSGN 2255 (3 CREDITS) (2:0:2)

Interior Spaces for Commercial Applications

Students will utilize computer aided 2D and 3D drafting and presentation best practices working through the design process to create concept presentations for retail store planning as well as trade show booth design.

Students will only receive credit for one of DSGN 2153 and 2255.

Registration in this course is restricted to students admitted to the Diploma in Diploma in Design Formation.

Prerequisite(s): A minimum "C" grade in DSGN 1153 and 1253, and a minimum "C-" grade in DSGN 2253.

Early Childhood Education (ECED)

The following early childhood education courses are restricted to students in the early childhood education programs.

ECED 1101 (1 CREDITS) (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 1104 (1 CREDITS) (1:0:0.5)

Exploring the Environment with Young Children I

This section of the ECE program is designed to provide students with the knowledge and skills necessary to guide young children's understanding of the environment and their relationship with it. Workshop sessions will focus on appropriate science, social studies, and mathematical experiences for young children.

ECED 1108 (2 CREDITS) (2:0:1)

Creative Experiences for Young Children I

The purpose of this course is to introduce students to the importance of art, music and movement experiences in the lives of children from birth to six years. This course will provide students with the theory and practice opportunities to enable them to understand, appreciate, design, implement, and assess quality experiences for young children in the creative arts.

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.

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.

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.

ECED 1119 (2 CREDITS) (0:0:6)

Practicum I

An overview of the various types of early childhood centres in the community, their goals and objectives, and varieties of instruction and administration. Focus is on developing rapport with children and staff, planning, implementing, and assessing developmentally appropriate activities. Graded S/U.

ECED 1201 (1 CREDITS) (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 1 courses.

ECED 1204 (1 CREDITS) (1:0:0.5)

Exploring the Environment with Young Children II

This section of the ECE program is designed to provide students with the knowledge and skills necessary to guide young children's understanding of the environment and their relationship with it. Workshop sessions will focus on appropriate science, social studies, and mathematical experiences for young children. This course is a continuation of ECED 1104.

Prerequisite(s): Successful completion of Term 1 courses.

ECED 1208 (2 CREDITS) (2:0:1)

Creative Experiences for Young Children II

The purpose of this course is to introduce students to the importance of art, music, and movement experiences in the lives of children from birth to six years. This course will provide students with the theory and practice opportunities to enable them to understand, appreciate, design, implement, and assess quality experiences for young children in the creative arts. This course is a continuation of ECED 1108.

Prerequisite(s): Successful completion of Term 1 courses.

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.

Prerequisite(s): Successful completion of Term 1 courses.

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.

Prerequisite(s): Successful completion of Term 1 courses.

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.

Prerequisite(s): Successful completion of Term 1 courses.

ECED 1219 (3 CREDITS) (0:0:9)

Practicum II

Practical experience for developing the skills necessary for curriculum planning in selected early childhood education centres. Graded S/U.

Prerequisite(s): Successful completion of Term 1 courses.

Corequisite(s): ECED 1201, 1204, 1208, 1214, 1217, and 1218.

ECED 1301 (1 CREDITS) (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 2 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 is a continuation of ECED 1204 and 1208. 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.

Prerequisite(s): Successful completion of Term 2 courses.

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.

Prerequisite(s): Successful completion of Term 2 courses.

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

Advanced supervised fieldwork experience with particular emphasis on planning and implementing integrated programs. Graded S/U.

Prerequisite(s): Successful completion of Term 2 courses.

Corequisite(s): ECED 1301, 1308, 1318, and 1325.

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.

Prerequisite(s): Successful completion of Term 2 courses.

ECED 1329 (3 CREDITS) (0:0:14)

Infant and Toddler Practicum

This is an advanced practicum in which students will plan and implement a program for the care of infants and toddlers. Students will have an opportunity to demonstrate their knowledge gained in their first three semesters of early childhood education. Graded S/U.

Prerequisite(s): A minimum "C-" grade in all of the following: CMNS 1115, ECED 1319, ENGL 1127, PSYC 2318, 2324, 2328, and all other ECE courses in the Citation in Early Childhood Education: Special Education Post Basic, or permission of the department.

ECED 2410 (1 CREDITS) (3:0:0)

Introduction to Supported Child Care

This course will introduce students to the philosophy and practice of inclusive child care. Topics will include: family centered practice, environment adaptations, speech, language, and behaviour interventions.

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.

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.

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.

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

This is an advanced practicum in which students will plan and implement a program in an integrated early childhood setting. Students will have opportunities to demonstrate advanced professional knowledge and practice in working with children, staff, families, and other professionals.

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 Principles of Mathematics 11 or 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 1110 (3 CREDITS) (3:1:0)

Urban and Rural Economic Issues

This course uses economic principles to describe and analyze economic issues confronting urban and rural areas, such as poverty, housing, transportation, municipal government, urban sprawl, and quality of life.

ECON 1119 (3 CREDITS) (3:1:0)

Canadian Domestic and International Issues

This course uses economic principles to describe and analyse 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.

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.

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 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 and 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 and 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 and 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 enrolled in 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)

Behavioral 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.

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.

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.

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.

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.

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.

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 1 to practice in Term 2.

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.

Prerequisite(s): A minimum "C-" grade in EDAS 1110.

EDAS 1211 (3 CREDITS) (0:0:35)

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.

Prerequisite(s): A minimum "C-" 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.

Prerequisite(s): A minimum "C-" grade in EDAS 1120.

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.

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.

Registration in this course is restricted to students admitted to the Certificate in Education Assistant.

Prerequisites(s): A minimum "C-" grade in EDAS 1100, 1110, 1140, and 1200 (EDAS 1200 may be taken concurrently).

EDAS 1311 (4 CREDITS) (0:0:35)

Practicum III

This four-week, twenty-day course provides students with a third practicum experience in an elementary or secondary school setting. This experience will provide students with a continuation of their work in Practicums I and II where they will be given the opportunity to consolidate their skills and become more involved in teamwork and curriculum support.

Prerequisite(s): A minimum "C-" grade in EDAS 1211.

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 BC English 12 or BC English Literature 12 or equivalent with an 80% 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: • a minimum 5/10 in sentence structure; or • a minimum 5/10 in English usage; or • a minimum 10/20 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 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 not receive credit for both ENGL 1127 and 1128. If both courses are taken, the most recent grade will be calculated in the GPA.

Students will not receive credit for both ENGL 1129 and 1130. If both courses are taken, the most recent grade will be calculated in the GPA.

ENGL 1125, 1135, 1181, and 1191 may be taken for unassigned credit in first or second year and may be taken in any order.

ENGL 1098 (3 CREDITS) (4:0:0)

Writing Clearly and Communicating Effectively in a Canadian Context I

This is a course designed for post degree internationally educated students who would like to enhance their knowledge of and competency in English expression with an emphasis on reading and writing. Students will be familiarized with the expectations of writing in a Canadian environment. This course does not carry transfer credit, nor may it be used toward a Langara credential except 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.

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 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.

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 BC English 12, BC English Literature 12, or BC English First Peoples 12; an “S” grade in ENGL 1107, 1108, or 1110; a minimum “C-” grade in CMNS 1118; a minimum “C” grade in ENGL 1120; or LPI exempt essay standing (LPXE 25 - determined by Registrar & Enrolment Services).

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 1127 or 1128 instead of ENGL 1100.

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". ("U" grades will not meet Ministry requirements for Student Loan eligibility.)

Restricted to students accepted into 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 1127 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". ("SR" and "U" grades will not meet Ministry requirements for student loan eligibility.)

Prerequisite(s): LET 2 (or LPI 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" 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 1127. 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 1127 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". ("SR" and "U" grades will not meet Ministry requirements for student loan eligibility.) Prerequisite(s): An "SR" standing 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 1127. A pass in the course meets the prerequisite requirements for ENGL 1127. This course does not carry transfer credit and cannot be used toward a certificate, diploma or associate degree. Graded "S"/"SR"/"U". ("SR" and "U" grades will not meet Ministry requirements for student loan eligibility.)

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 for students admitted to the Citation in Access Langara.

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 LET 3 (or LPI equivalent); a minimum 80% in BC English 12, BC English Literature 12, or BC English First Peoples 12; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

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 strong recommendation of concurrent registration in ENGL 1121) or LPI equivalent; a minimum 80% in BC English 12, BC English Literature 12, or BC English First Peoples 12; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

ENGL 1127 (3 CREDITS) (3:1:0)

Essay Writing and Short Prose Selections

This course emphasizes the principles of composition through the study and writing of various kinds of essays, including the research essay. As a secondary aim, it encourages an appreciation of modern literature through a study of the short story.

Students will receive credit for only one of ENGL 1126, 1127, and 1128.

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 BC English 12, BC English Literature 12, or BC English First Peoples 12; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

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 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 BC English 12, BC English Literature 12, or BC English First Peoples 12.

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 20th 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): A minimum "C-" grade in ENGL 1100, 1127, or 1128.

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 20th 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): A minimum "C-" grade in ENGL 1100, 1127, or 1128. Students intending to pursue studies in the Faculty of Arts at the University of British Columbia should choose ENGL 1100.

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 strong recommendation of concurrent registration in ENGL 1121) or LPI equivalent; a minimum 80% in BC English 12, BC English Literature 12, or BC English First Peoples 12; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

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 strong recommendation of concurrent registration in ENGL 1121) or LPI equivalent; a minimum 80% in BC English 12, BC English Literature 12, or BC English First Peoples 12; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

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 18th, 19th, and 20th 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 strong recommendation of concurrent registration in ENGL 1121) or LPI equivalent; a minimum 80% in BC English 12, BC English Literature 12, or BC English First Peoples 12; a minimum "C" grade in ENGL 1120; or an "S" grade in ENGL 1107, 1108, or 1110.

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: a minimum 80% in BC English 12, BC English Literature 12, or BC English First Peoples 12; a minimum "C" grade in ENGL 1120; an "S" grade in ENGL 1107, 1108, or 1110; or LET 4 (or LET 3 with strong recommendation of concurrent registration in ENGL 1121) or LPI equivalent.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

ENGL 2222 (3 CREDITS) (3:1:0)
Classical Literature in Translation
This course 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-" in ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

ENGL 2223 (3 CREDITS) (3:1:0)
Survey of English Literature I
This course introduces students to the tradition of early English literature, focusing on Chaucer, Shakespeare, and Milton. Term papers are required.

Prerequisite(s): A minimum "C-" grade in ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

ENGL 2224 (3 CREDITS) (3:1:0)
Survey of English Literature II
This course explores a range of English literature by focusing on major authors and literary forms from the Restoration to the late 19th century. Term papers are required. (ENGL 2224 is usually preceded by ENGL 2223, but it can be taken either before or along with ENGL 2223.)

Prerequisite(s): A minimum "C-" grade in ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

ENGL 2227 (3 CREDITS) (3:1:0)
Intermediate Composition
This course teaches the strategies of reading and writing non-fiction prose. Students will learn and practice various rhetorical techniques - including description, narration, cause and effect, definition, comparison, classification, and argument - that will help them effectively convey their ideas to a specific audience. While this course focuses on academic writing, skills acquired will transfer beyond the classroom to the workplace and other settings.

Prerequisite(s): A minimum "C-" grade in ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

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 ENGL 1100, ENGL 1127, or 1128; and a minimum "C-" grade in ENGL 1130; or approval of the instructor.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

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 ENGL 1100, 1127 or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 and 1130, or equivalent.

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 ENGL 1100, 1126, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or equivalent.

ENGL 2239 (3 CREDITS) (3:1:0)

Studies in Poetry

The course examines a broad range of poems, mostly from the 20th 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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130 or equivalent.

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 analyse 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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129 or 1130.

ENGL 2327 (3 CREDITS) (3:1:0)

Intermediate Composition II

Building on what students have learned in English 2227 (or equivalent), English 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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1130; or approval of the instructor.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1130; or approval of the instructor.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1130. With departmental approval, a fine arts or film arts background could replace ENGL 1130 as long as one year of English has been completed.

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 ENGL 1100, 1127, or 1128; and a minimum "C-" grade in ENGL 1129; or a minimum "C-" grade in ENGL 1130 and approval of instructor.

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)

Applied Environmental Studies: CityStudio (Former title: Environmental Problems and Solutions)

Applied Environmental Studies: CityStudio 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. Students' work will be exhibited through a project affiliated with CityStudio.

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 ENGL 1100, 1127, or 1128; or permission of the environmental studies coordinator.

ENVS 2391 (3 CREDITS) (2:3:0)

Appropriate Technology for International Aid

This course is designed to evaluate and give credit for the knowledge accrued by student participation in international aid projects in the area of appropriate technology. As such, it is not anticipated that it will necessarily be a perfect fit into an academic term, and will be offered only by request.

Prerequisite(s): A minimum "C-" grade in BIOL 1118 and 1218; or a minimum "C-" grade in BIOL 1115 and 1215; and a minimum "C-" grade in ENVS 2390 and 2470; or permission of the 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 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): Any two of the following with a minimum "C-" grade: BIOL 1115, 1215, CHEM 1117, 1217, 1120, or GEOG 1155; GEOG 1190 or GEOL 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.

Students will receive credit for only one of BUSM 2300, COOP 2300, and EXPE 2300.

Prerequisite(s): One of the following: a minimum 67% in BC English 12 or equivalent; a minimum 67% in BC English Literature 12; a minimum 67% in BC English First Peoples 12; 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.

Note: This course is a prerequisite for participation in co-operative education.

EXPE 4801 (1 CREDITS) (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 and 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 CREDITS) (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.

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 CREDITS) (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 and 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.

The course will provide an opportunity for students in the business administration and marketing management programs to have work experience as part of the overall diploma and is subject to students finding suitable work placements. The course will also provide the opportunity for students to demonstrate the skills learned in a work environment.

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 EXPE 4801, 4802, and 4803; and a minimum of 30 successfully completed credits.

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.

College credit will be given for only one of APPL 5410 and 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 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.

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

This new field studies program delivers university-transfer credits in Aboriginal Studies 1115, Biology 1118, English 1127, and Geography 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): Departmental permission.

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

(Former title: European Field School)

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 (Greece from Homer to Socialism) and/or other such courses as may from time to time be offered as part of this program. The program is about 4-1/2 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 English 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 one of BC English 12, BC English Literature 12, or BC English First Peoples 12; 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 into 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 degree. 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 degree.

Prerequisite(s): Students must be in at least second year of the BBA, 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 and 1200, are restricted to students enrolled in 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.

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).

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.

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.

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.

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.

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.

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.

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.

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.

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.

This course is open to all students.

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.

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.

Prerequisite(s): A minimum "C-" grade in FLMA 1120.

FLMA 1222 (1 CREDITS) (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.

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 twelve episodes to complete their series bible. Students may choose to complete a spec script for an existing series. Minimum output 60 pages.

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.

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.

FLMA 1260 (3 CREDITS) (2:2:0)
Advanced Directing Seminar
Directing techniques and aesthetics. Production design. Blocking and rehearsing, with an emphasis on working with actors. Further studies in picture and sound editing on Final Cut Pro.

Prerequisite(s): A minimum "C-" grade in FLMA 1160.

FLMA 1270 (3 CREDITS) (4:0:0)
Career Development for the Film Craftsperson
Focusing on the film industry in North America, students will develop a career action plan, including how to get an agent, which associations to join, festival planning, writers' groups, grant writing for film and television, and film-related internships. This course will also cover preparation of a resumé, interview skills, personal marketing skills, financial management, and tax information for the entrepreneur.

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.

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.

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.

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.

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 FMGT 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 2293. Topics include the conceptual framework, financial statement presentation, revenue and expense recognition, current monetary balances, inventories, capital assets, and investments.

Prerequisite(s): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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 ENGL 1121; an "S" in ENGL 1107, 1108, or 1110; LET with a minimum Level 3; 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.

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 BC English 12, BC English Literature 12, BC English First Peoples 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; 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. 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): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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 with a minimum Level 3; 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.

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): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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 with a minimum Level 3; 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.

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): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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 with a minimum Level 3; 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.

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.

Prerequisite(s): A minimum "C" grade in FMGT 2293, or FMGT 1115 and 1215, and one of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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 with a minimum Level 3; 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.

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 and 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.

Prerequisite(s): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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 with a minimum Level 3; 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.

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): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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 with a minimum Level 3; 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.

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): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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 with a minimum Level 3; 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.

FMGT 2475 (3 CREDITS) (4:0:0)

Securities Analysis

This course examines the central elements of the securities industry: financial products, markets, and intermediaries. Topics include the analysis of financial statements and financial securities. This course also examines different types of investment products, how they are sold, and what role they play in a well-planned portfolio. The course also provides an introduction to personal financial planning and will prepare the student to write the Canadian Securities Course Examination.

Prerequisite(s): A minimum "C-" grade in all of the following: FMGT 1215, 2293, or 1285; and ECON 1221. ECON 1221 may be taken concurrently.

FMGT 2500 (3 CREDITS) (4:0:0)

Personal Financial Planning II

Students examine advanced personal financial planning topics with a focus on professional skills development for a career in the financial services sector. All components of personal financial planning for a variety of life stages are considered and students learn to use their analytical and presentation skills to develop and present a comprehensive personal financial plan. A combination of lectures, discussions, and case studies provide a solid foundation for individuals interested in pursuing a career in the financial services sector.

Prerequisite(s): A minimum "C-" grade in CMNS 1118 or ENGL 1127, and FMGT 2116. BUSM 1500 and FMGT 2325 are suggested but not required.

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.

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.

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.

Registration in this course is restricted to students admitted to the BBA or in the 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 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 FMGT 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.

Registration in this course is restricted to students admitted to the BBA or in the 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 4510 (3 CREDITS) (3:0:0)

Ethics in Accounting

Introduction to the Certificate in Advanced Accounting and inance Method, which is the problem-solving approach used throughout the applied courses. This framework underscores the importance of business and accounting ethics. Other workplace skills are integrated into the course, with special attention given to communication while applying the framework to various scenarios typically encountered by those working in mid-level accounting and related positions.

Registration in this course is restricted to students admitted to the Certificate in Advanced Accounting.

FMGT 4520 (3 CREDITS) (4:0:0)

Business Applications
New Course as of Fall Semester 2018

Students will apply the Certificate in Advanced Accounting and Finance (ACAF) method to a single comprehensive business scenario drawing upon all aspects learned in previous coursework. Each week, the scenario will require students to demonstrate a different combination of technical skills acquired through the technical application courses.

Registration in this course is restricted to students admitted to the Certificate in Advanced Accounting.

Prerequisite(s): A minimum "C-" grade in all of the following: BCAP 3200, FMGT 3121, 3223, 3263, 4225, and 4510.

FMGT 4530 (3 CREDITS) (3:0:0)

Applied External Audit

This course focuses on applying the concepts of audit and assurance to the preparation of a simulated audit working paper files of a company, using relevant software. Topics include preparing appropriate documentation, applying relevant sampling methods, executing audit procedures in various audit cycles using industry standard software, and analyzing audit evidence for potential issues through review, compilations, and special reports.

Registration in this course is restricted to students admitted to the Certificate in Advanced Accounting.

Prerequisite(s): A minimum "C-" grade in FMGT 3263 or 4880; and 4510.

FMGT 4540 (3 CREDITS) (3:0:0)

Applied Personal and Corporate Taxation

Emphasizes the application of personal and corporate tax concepts in the preparation of tax returns for individual and corporate clients. The purpose of this course is to produce a mid-level accountant with tax skills who is able to function in environments of low to mid-level complexity with low levels of uncertainty. Applied knowledge is the focus using authentic scenarios to demonstrate application of technical skills. Excel and Tax software are integrated in the course material and in the assessments to help develop the practical skills needed in the marketplace.

Registration in this course is restricted to students admitted to the Certificate in Advanced Accounting.

Prerequisite(s): A minimum "C-" grade in FMGT 4225 or 4875; and 4510 (FMGT 4510 may be taken concurrently).

FMGT 4550 (3 CREDITS) (4:0:0)

Public Sector Financial Management
New Course as of Fall Semester 2018

Students acquire the public sector financial management skills necessary to function in public sector environments of low to medium complexity with low uncertainty. Accounting functions in a government setting are the focus, including governance and decision-making processes, budgeting and planning, and financial reporting. Students analyze the finances of government and not-for-profit programs as well as gain an understanding of public sector auditing.

Registration in this course is restricted to students admitted to the Certificate in Advanced Accounting.

Prerequisite(s): A minimum "C-" grade in FMGT 3121 and 4510 (FMGT 4510 may be taken concurrently).

FMGT 4560 (3 CREDITS) (4:0:0)

Not-for-Profit Accounting and Related Topics
New Course as of Fall Semester 2018

Students examine accounting concepts encountered in the not-for-profit and charities sector. Topics include the creation and the good governance of not-for-profit organizations (NFPOs) as well as the differences in accounting from for-profit entities including fund accounting, the use of the restricted fund method, and the deferral method of accounting for contributions. Students learn the characteristics of registered charities, types of government organizations, and the use of accounting software for NFPOs.

Registration in this course is restricted to students admitted to the Certificate in Advanced Accounting.

Prerequisite(s): A minimum "C-" grade in FMGT 3121 and 4510 (FMGT 4510 may be taken concurrently).

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 and 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 Diplomas in Accounting, Business Administration and Marketing Management.

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 and 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 Diplomas in Accounting, Business Administration and Marketing Management.

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 and 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 earing 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 FMGT 4800 and BUSM 4805.

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 FMGT 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 and 1111.

Prerequisite(s): One of the following: LET with a minimum Level 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 BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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, or an "S" grade in ENGL 1107, 1108, or 1110.

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.

Prerequisite(s): One of the following: LET with a minimum Level 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 BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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, or an "S" grade in ENGL 1107, 1108, or 1110.

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 and 1131.

Prerequisite(s): One of the following: LET with a minimum Level 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 BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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, or an "S" grade in ENGL 1107, 1108, or 1110.

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.

Priority registration in this course is offered to students enrolled in the Diploma in Fine Arts.

Prerequisite(s): One of the following: LET with a minimum Level 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 BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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, or an "S" grade in ENGL 1107, 1108, or 1110.

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.

Priority registration in this course is offered to students enrolled in the Diploma in Fine Arts.

Prerequisite(s): One of the following: LET with a minimum Level 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 BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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, or an "S" grade in ENGL 1107, 1108, or 1110.

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 and 1161.

Prerequisite(s): One of the following: LET with a minimum Level 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 BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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, or an "S" grade in ENGL 1107, 1108, or 1110.

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 and 1171.

Prerequisite(s): One of the following: LET with a minimum Level 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 BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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, or an "S" grade in ENGL 1107, 1108, or 1110.

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.

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.

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.

Prerequisite(s): A minimum "C-" grade in 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 minimium "C-" grade in FINA 1111; or appropriate experience.

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.

Prerequisite(s): A minimum "C-" grade in all of the following: one of the following: AHIS 1112, 1114, 1212, 1214, 1301, or 1302; 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.

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

New Course as of Spring Semester 2019

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 FINA 1120, and FINA 1131 or 1161.

FINA 2140 (3 CREDITS) (1:1:2)

Advanced Design Studio I

(Former title: Advanced Design 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.

Prerequisite(s): A minimum "C-" grade in all of the following: one of the following: AHIS 1112, 1114, 1212, 1214, 1301, or 1302; three of the following: FINA 1111, 1131, 1143, 1171, or 1220; and FINA 1120, 1142, and 1161.

FINA 2141 (3 CREDITS) (1:1:2)

Advanced Media Studio I

(Former title: Digital Design 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.

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 2150 (3 CREDITS) (3:1:0)

Introduction to Aesthetics and Cultural Theory

Beginning with the ancient Greeks and moving through cultural history to the 20th century, this course explores a range of issues touching on questions about the nature of art. It examines the efforts of philosophers and theorists to define and understand the functioning of art in particular historical and social contexts.

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.

Prerequisite(s): A minimum "C-" grade in all of the following: one of the following: AHIS 1112, 1114, 1212, 1214, 1301, or 1302; four of the following: FINA 1111, 1131, 1142, 1143, 1171, or 1220; and FINA 1120 and 1161.

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 FINA 1160 or 1161; or appropriate experience with department permission.

FINA 2162 (3 CREDITS) (1:0:3)

Indigenous Carving 2D

(Former Title: Aboriginal 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 enrolled in the Diploma in Fine Arts.

Prerequisite(s): A minimum "C-" grade in FINA 1161 and 1171.

FINA 2171 (3 CREDITS) (1:0:3)

Advanced Print Media I: Intaglio/Relief

(Former Title: An Introduction to 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.

Prerequisite(s): A minimum "C-" grade in all of the following: one of the following: AHIS 1112, 1114, 1212, 1214, 1301, or 1302; three of the following: FINA 1111, 1131, 1142, 1143, or 1220; and FINA 1120, 1161, and 1171.

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.

Prerequisite(s): A minimum "C-" grade in all of the following: one of the following: AHIS 1112, 1114, 1212, 1214, 1301, or 1302; three of the following: FINA 1111, 1131, 1142, 1143, or 1220; and FINA 1120, 1161, and 1171.

FINA 2173 (3 CREDITS) (1:0:3)

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: FINA 1120 and 1171; and FINA 1161 or 1220.

FINA 2180 (3 CREDITS) (1:1:1)

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): A minimum "C-" grade in six of the following: FINA 1111, 1120, 1131, 1142, 1143, 1161, 1171, and 1220.

FINA 2190 (3 CREDITS) (1:1:2)

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.

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.

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.

Prerequisite(s): A minimum "C-" grade in FINA 2130.

FINA 2240 (3 CREDITS) (1:1:2)

Advanced Design Studio II
(Former title: Advanced Design 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.

Prerequisite(s): A minimum "C-" grade in FINA 2140.

FINA 2241 (3 CREDITS) (1:1:2)

Advanced Media Studio II
(Former title: Digital Design 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.

Prerequisite(s): A minimum "C-" grade in FINA 2141.

FINA 2250 (3 CREDITS) (3:1:0)

Contemporary Cultural Theory and the Arts

This course explores the various perspectives of critical and cultural theory that have developed over the past 50 years, particularly in terms of their effects on, and influences from, visual arts and other media.

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.

Prerequisite(s): A minimum "C-" grade in FINA 2160.

FINA 2261 (4 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.

Prerequisite(s): A minimum "C-" grade in FINA 1161 or 2161; or permission of the department.

FINA 2271 (3 CREDITS) (1:0:3)

Advanced Print Media II: Intaglio/Relief
(Former Title: Advanced 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.

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.

Prerequisite(s): A minimum "C-" grade in FINA 2172.

FINA 2290 (3 CREDITS) (1:1:2)

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: one of the following: AHIS 1112, 1114, 1212, 1214, 1301, or 1302; and 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.

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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

FSRV 1219 (2 CREDITS) (0:1:4)

Orientation to Food Service Operations

This practicum provides the opportunity for the student to become familiar with the policies and procedures of a food service operation. Each student is involved for a minimum of 250 hours in the operation. Program students with 250 or more hours experience working in a food service operation within the past three years may be eligible for the flexible assessment option. Contact the department chair for further information. Graded S/U.

Restricted to program students in Diploma in Nutrition and Food Service Management.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

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.

Restricted to program students.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

Prerequisite(s): All of the following: an "S" grade in FSRV 1219 and FSRV 2429; a minimum "C" grade in FSRV 4323, NUTR 2322, and NUTR 2422; a minimum "C" grade in CMNS 1115, 2228, or BUSM 1500; a minimum "C" grade in CMNS 1118 or ENGL 1127; and a minimum "C-" in all other program courses.

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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

Prerequisite(s): A minimum "C-" grade in FSRV 1219; and a minimum "C" grade in CMNS 1118 or ENGL 1127.

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. Restricted to program students.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

Prerequisite(s): All of the following: an "S" grade in FSRV 1219 and FSRV 2429; a minimum "C" grade in FSRV 4323, NUTR 2322, and NUTR 2422; a minimum "C" grade in CMNS 1115, 2228, or BUSM 1500; a minimum "C" grade in CMNS 1118 or ENGL 1127; and a minimum "C-" 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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

Prerequisite(s): All of the following: an "S" grade in FSRV 1219 and FSRV 2429; a minimum "C" grade in FSRV 4323, NUTR 2322, and NUTR 2422; a minimum "C" grade in CMNS 1115, 2228, or BUSM 1500; a minimum "C" grade in CMNS 1118 or ENGL 1127; and a minimum "C-" 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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

Prerequisite(s): Students registered in the Diploma in Nutrition and Food Service Management must have a minimum grade of "C-" in FSRV 1113 and 1213. Completion of CMNS 1115 and 1118 (or equivalent) is recommended for arts and science students.

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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

Prerequisite(s): 18 credits including three credits of university-transferrable 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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

Prerequisite(s): 30 credits including three credits of university-transferrable 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-" in FREN 1215.

FREN 1118 (3 CREDITS) (3:0:1)
French Language, Literature, and Conversation I
Designed for students who want a less specialized course than FREN 1119/1219. This course offers a cultural overview, a review of grammar, a study of literary texts, and limited practice in conversation. Classroom work is supplemented by work in the Language Laboratory and by computer materials.

Prerequisite(s): A minimum "C" grade in French 12; or a minimum "C-" grade in FREN 1217.

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-" 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) (2:1:2)

Field Techniques

This course is offered from time to time usually in conjunction with another geography course. This course provides practical experience in data collection and interpretation, field observation, mapping, and land use analysis.

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 and GEOG 1170.

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)

Development and Change in Asia-Pacific

The Pacific Rim is a term used to refer to those countries or administrative units along or near the Asian side of the Pacific Ocean. The region extends from Japan in the north to New Zealand in the south. This culturally diverse region has experienced extraordinary growth and change over the past 50 years. The forces of globalization together with improved transportation and communications have resulted in increased interdependence within the region. Diversity and interconnection are central themes of this course as we use a geographic perspective to examine the economic, social and political changes occurring in the Pacific Rim and their impact on environment and society.

GEOG 1180 (3 CREDITS) (3:0:2)

Physical Geography: Meteorology, Climatology and Biogeography

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)

Physical Geography: Geomorphology

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)

Resource and Environmental Management

This course will examine environmental resources and the ways in which they are valued and utilized. Some of the themes considered will be environmental impact assessment, conflict over resources, incorporation of local knowledge, co-management, the implications of gender, and roles of governmental and non-governmental decision-makers, and the general public.

Prerequisite(s): A minimum "C-" grade in one of the following: ENVS 2390, GEOG 1100, 1110, 1120, 1130, 1150, 1155, 1160, 1170, 2250, or 2270; or permission of the instructor.

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)

Urban Canada

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)

Economic Geography

This course introduces the basic concepts and theories of economic geography and examines the changing geography or 'global shift' of economic activity within the contemporary world economy. The course examines the economic, political, and social relations that are part of modern market economies, as well as the role played by key economic actors such as business, government, labour, and consumers. The significance of changing technology over time and space, and issues related to development and globalization are also discussed.

Prerequisite(s): A minimum "C-" grade in one of the following: GEOG 1100, 1110, 1120, 1130, 1150, 1155, 1160, 1170, 2210, or 2270; or another social science course with 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

This is a project-oriented course and part of CityStudio's Campus Course Network. Topics covered in lecture and seminars are focused on issues of urban social sustainability. As part of CityStudio students will engage with a large-scale project closely associated with the City of Vancouver's Healthy City strategy and/or Greenest City 2020 Plan. The project and course incorporate an applied experiential form of learning where students engage with existing problems or issues identified by the City of Vancouver and then, using ideas grounded in established geographical ideas and theory, seek to innovate and devise and possibly implement real-world solutions. Students will engage in research, critical thinking, problem solving, project management, structured teamwork, as well as learning design and marketing skills.

Pprerequisite(s): A minimum "C-" grade in all of the following: GEOG 1130; and one of the following: ENVS 2100, GEOG 1110, 1120, 1150, 1155, 1160, 1170, 2155, 2210, 2230, 2250, or 2270.

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 GEOG 1190 or GEOL 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.

Geology (GEOL)

Geology courses are taught within the department of Geography & Geology. All geology courses carry university-transfer credit. GEOL 1110 and 2205 are laboratory science courses. In some instances GEOL 1110 may be substituted for GEOG 1190. For further information consult the department of Geography & Geology.

GEOL 1110 (3 CREDITS) (3:0:2)

Introduction to Geology

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 with science credit. Labs will emphasise rock and mineral identification techniques.

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 GEOG 1190 or GEOL 1110.

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)

Gerontology I: Introduction to Gerontology
New Course as of Fall Semester 2018

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.

Priority registration for students admitted to the Diploma in Gerontology.

GERO 1115 (3 CREDITS) (4:0:0)

Helping Relationships with Older Adults I: Practical Skills
New Course as of Fall Semester 2018

Students explore the central role of the therapeutic relationship for helping older persons. They reflect on their motivation for becoming helpers in the field of gerontology, analyze their own natural style of helping, and learn how to use a recognized helping skills framework. Students learn the value of self-care, the client-centred approach, and practice primary helping skills including basic listening, empathy, and influencing. They have multiple opportunities to practice using the skills to effectively conduct interviews with older persons and their families.

This is a highly participatory course. Students will learn through a variety of learning activities such as lectures, case studies, group discussions, audio visual presentations, readings, audio taping, videotaping, exams, and written assignments. All students will be expected to participate in role-playing in class in order to perfect their use of the skills taught in this course.

Priority registration for students admitted to the Diploma in Gerontology.

GERO 1200 (3 CREDITS) (4:0:0)

Gerontology II: Understanding Aging Today
New Course as of Fall Semester 2018

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.

Priority registration for students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in GERO 1100.

GERO 1215 (3 CREDITS) (4:0:0)

Helping Relationships with Older Adults II: Practical Skills
New Course as of Fall Semester 2018

Students learn to apply more advanced helping skills, including basic counselling skills, group facilitation, conflict resolution, problem-solving, and advocacy for older persons. They explore the role of family systems and ethical conduct. Students practice ways to enable clients to reframe their personal narratives, allowing them to think differently about concerns, issues, and challenges. Students learn how to set goals with clients that will help clients take action to address challenges.

This is a highly participatory course. Students will learn through a variety of learning activities such as lectures, case studies, group discussions, audio visual presentations, readings, audio taping, videotaping, exams, and written assignments. All students will be expected to participate in role-playing in class in order to perfect their use of the skills taught in the courses.

Priority registration for students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in GERO 1115.

GERO 1300 (3 CREDITS) (4:0:0)

Social Policy and Aging
New Course as of Fall Semester 2018

In this course students learn about the role of the welfare state, how social determinants impact health, and key social policy issues related to population aging. Examples of Canadian social policy issues are incorporated throughout the course to give students numerous opportunities to analyze current issues and propose solutions. Students explore a variety of topics impacting older persons and their families today including elder abuse, retirement income and income inequality, housing, health care, caregiving, aging in place, and death and dying.

Priority registration for students admitted to the Diploma in Gerontology.

GERO 1400 (1 CREDITS) (0:0.461:0)

Special Topics in Aging I
New Course as of Fall Semester 2018

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.

Priority registration for students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in all of the following: ENGL 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 2315 (3 CREDITS) (0:2:0)

Practicum I
New Course as of Spring Semester 2019

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.

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, 1200, 1215, 1300, 1400, HSCI 1195, PSYC 1115, and 1215; ENGL 1127 or 1128; and ENGL 1129 or 1130; or permission of the program coordinator.

Corequisite(s): GERO 2100, 2210, 2400, HSCI 2295, and PSYC 2425; or permission of the program coordinator.

GERO 2400 (1 CREDITS) (0:0.46:0)

Special Topics in Aging II
New Course as of Spring Semester 2019

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.

Registration in this course is restricted to students admitted to the Diploma in Gerontology.

Prerequisite(s): A minimum "C-" grade in GERO 1400; or permission of the program coordinator.

GERO 2415 (3 CREDITS) (0:2:0)

Practicum II
New Course as of Spring Semester 2019

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.

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, 1200, 1215, 1300, 1400, 2100, 2210, 2315, HSCI 1195, 2295, PSYC 1115, 1215, and 2425; ENGL 1127 or 1128; and ENGL 1129 or 1130; or permission of the program coordinator.

Corequisite(s): GERO 2200, 2215, 2225, and RECR 2395; or permission of the program coordinator.

Greek (GREK)

GREK 1115 (3 CREDITS) (3:1:0)

Introductory Greek I

An introduction to Ancient Greek. The elements of the language. Simple readings. This course will prove especially useful to students of classical studies, comparative literature, history, religious studies, and romance languages.

Prerequisite(s): Permission of instructor.

GREK 1215 (3 CREDITS) (3:1:0)

Introductory Greek II

A continuation of GREK 1115 with readings in prose. This course will prove especially useful to students of classical studies, comparative literature, history, religious studies, and romance languages.

Prerequisite(s): A minimum "C-" grade in GREK 1115.

Health Sciences (HSCI)

HSCI 1120 (3 CREDITS) (3:1:0)

Introduction to Human Sexuality and Behaviour

This course provides introductory information about human sexuality across a broad spectrum of topic areas. Sexual function is a fundamental part of a full and healthy life, but misinformation, concerns, problems, and dysfunctions are prevalent. This course offers an evidence-based introduction to human sexual function and dysfunction, and normal psychosexual development across a range of sexual behaviours, examining the effects of socialization on sexual attitudes and behaviour. It draws upon the work of scholars in such fields as psychology, sociology, medicine, anthropology, theology, and philosophy to incorporate a multicultural, multi-ethnic perspective that reflects the diversity of sexual experience in our society and around the world.

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 12, English Literature 12, or English First Peoples 12; a minimum "C" grade in one of the following: CMNS 1115, 1118, ENGL 1120, 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, 1160, or 1180.

HSCI 1130 (3 CREDITS) (3:1:0)

Foundations of Health Science

This interdisciplinary course will examine foundational issues in health science. Topics include definitions and concepts of health, illness, and disease, and an introduction to research methods that are used to study the distribution 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 will be explored. Ethical issues and moral considerations that inform health science including health care research, allocation of health care resources, and clinical care will be emphasized.

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 12, English Literature 12, or English First Peoples 12; a minimum "C" grade in one of the following: CMNS 1115, 1118, ENGL 1120, 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, 1160, or 1180.

HSCI 1140 (3 CREDITS) (3:1:0)

Complementary and Alternative Medicine

The main objectives of this course are to examine and analyze complementary and alternative medicine from a theoretical point of view as well as from an evidence-based approach. The course also encourages students to critically evaluate their own personal perspective on the role of CAM therapies and medicines in population health. Another objective for this course is to challenge students to develop their skills in critical thinking, to write effectively, and to vocalize their ideas clearly.

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 12, English Literature 12, or English First Peoples 12; a minimum "C" grade in one of the following: CMNS 1115, 1118, ENGL 1120, 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, 1160, or 1180.

HSCI 1160 (3 CREDITS) (3:1:0)

Global Perspectives on Health

This first-year introduction and survey course is designed to incorporate a cross disciplinary view of the major trends, issues, and challenges in the area of global health. 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. The course is designed for non-science students.

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 12, English Literature 12, or English First Peoples 12; a minimum "C" grade in one of the following: CMNS 1115, 1118, ENGL 1120, 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, 1160, or 1180.

HSCI 1180 (3 CREDITS) (3:1:0)

Drugs and Society

This is an introductory course on the subject of drug addictions and their social impact. The pharmacology and effects of legal and illegal drugs will be examined as well as their effects, risk factors, and opportunities for intervention. In addition, risk factors, major theories on substance abuse, and addiction will be 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 12, English Literature 12, or English First Peoples 12; a minimum "C" grade in one of the following: CMNS 1115, 1118, ENGL 1120, 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, 1160, or 1180.

HSCI 1195 (3 CREDITS) (4:0:0)

Human Biology of Aging
New Course as of Fall Semester 2018

In this course students explore the physiological process of aging in humans. They learn 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. In the second part of the course students are introduced to 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 of 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 BC English 12 or equivalent, BC English Literature 12, BC English First Peoples 12; 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; or an "S" grade in ENGL 1107, 1108, or 1110.

HSCI 2211 (3 CREDITS) (3:1:0)

Perspectives on Cancer, Cardiovascular, and Metabolic Diseases

The impact of the major non-communicable diseases - cancers, cardiovascular, and metabolic diseases - on public health will be examined using a multi-disciplinary approach. An introduction to the biological mechanisms, risk factors and global distribution of each will be given, followed by an examination of their historical and cultural contexts.

Prerequisite(s): A minimum "C" grade in all of the following: HSCI 1130; and one of the following: BIOL 1111, 1115, 1116, 1175, 1190, or HKIN 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 one of BIOL 1111, 1115, 1116, or 1175. Students wanting neither a BSc nor a BA at SFU in Health Sciences may complete any one of BIOL 1111, 1115, 1116, 1175, 1190, or HKIN 1190.

HSCI 2212 (3 CREDITS) (3:1:0)

Perspectives on Immunology, Infectious, and Parasitic Diseases

Students begin this course with a survey of the fields of microbiology and immunology, followed by an examination of their application to current problems in infectious disease and public health. Relevant topics from current literature will be discussed.

Prerequisite(s): A minimum "C" grade in all of the following: HSCI 1130; and one of the following: BIOL 1111, 1115, 1116, 1175, 1190, or HKIN 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 one of BIOL 1111, 1115, 1116, or 1175. Students wanting neither a BSc nor a BA at SFU in Health Sciences may complete any one of BIOL 1111, 1115, 1116, 1175, 1190, or HKIN 1190.

HSCI 2214 (3 CREDITS) (3:1:0)

Perspectives on Mental Health and Illness

This course provides 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 will be explored.

Prerequisite(s): A minimum "C" grade in all of the following: HSCI 1130; and one of the following: BIOL 1111, 1115, 1116, 1175, 1190, or HKIN 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 one of BIOL 1111, 1115, 1116, or 1175. Students wanting neither a BSc nor a BA at SFU in Health Sciences may complete any one of BIOL 1111, 1115, 1116, 1175, 1190, or HKIN 1190.

HSCI 2215 (3 CREDITS) (4:0:0)

Perspectives on Disability and Injury

This course is designed to provide an overview of injury and disability. Topics will be examined through multiple levels of analysis. A review of global distribution and risk factors will also be included in the discussion.

Prerequisite(s): A minimum "C" grade in all of the following: HSCI 1130; and one of the following: BIOL 1111, 1115, 1116, 1175, 1190, or HKIN 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 one of BIOL 1111, 1115, 1116, or 1175. Students wanting neither a BSc nor a BA at SFU in Health Sciences may complete any one of BIOL 1111, 1115, 1116, 1175, 1190, or HKIN 1190.

HSCI 2216 (3 CREDITS) (3:1:0)

Ecological Determinants of Human Growth, Development, and Health

This course examines the ecological and human environmental impacts on human growth, development, and health. Topics will include the challenges of epidemics, natural catastrophes, industrialization, globalization, migration, poverty, war, and global warming, and how human populations respond and adapt to these challenges.

Prerequisite(s): A minimum "C" grade in all of the following: HSCI 1130; and one of the following: BIOL 1111, 1115, 1116, 1175, 1190, or HKIN 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 one of BIOL 1115, 1116, or 1175. Students wanting neither a BSc nor a BA at SFU in health sciences may complete any one of BIOL 1115, 1116, 1175, 1190, or HKIN 1190.

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 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 A.D. 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)

Modern History 1900 - 1939

Beginning with a survey of the European powers at the turn of the century, the course traces the causes of World War I, the nature of the war and the prolonged attempts to settle it. The Russian Revolution and the modernization of the Soviet Union under Stalin, the rise of Fascism in Italy and Nazism in Germany, the impact of the Great Depression are principal themes. The course ends examining the causes of World War II.

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 1117 (3 CREDITS) (3:1:0)

Outsiders: Histories of Exclusion

This course investigates groups considered to be "outsiders" at various points in Western history. By focusing on three specific groups of outsiders and following their respective histories from the Middle Ages to the present, the causes for such ostracization can be explored, and the official as well as public responses to them can be assessed.

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)

Modern History (1939 to Present)

A study of the conflicts leading to World War II; the events and global aspects of the war; the "Cold War" tension; the impact of growing communism and the emergence of the People's Republic of China; the collapse of colonialism and resultant rise of the new nationalism in Asia and Africa.

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

HIST 1190 (3 CREDITS) (20:0:0)

Greece: History and Monuments

A study of the history, people, and monuments of Greece, covering a range of historical eras, including Mycenaean, Classical, Roman, Byzantine and Crusader, Turkish, and early independence. This is an intensive 25 day course, 21 days of which will be field studies in London and Greece.

Prerequisite(s): Enrolment limited to students of the Study in Greece program.

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 2215 (3 CREDITS) (3:1:0)

History of Urban Growth in Canada

This course examines how and why Canadian cities and towns took the shape they did. Central to this understanding is an investigation of early urban forms in Canada and their antecedent and contemporary forms in Europe and the US. The course will explore the diverse social, political, economic, intellectual, religious, technological, topographical, and aesthetic elements which combined to shape Canadian cities and towns and influenced the path of urban growth.

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 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 2233 (3 CREDITS) (3:1:0)

Nineteenth Century Russia

A history of Russia from 1812 to 1917, from Napoleon's invasion of Russia in 1812 to Czar Nicholas II abdication in 1917 - with particular emphasis upon social and intellectual trends and upon the rise of revolutionary movements.

Prerequisite(s): Any history course.

HIST 2234 (3 CREDITS) (3:1:0)

Socialism in one Country: A History of the Soviet Union, 1917 - 1991

This course offers a comprehensive interpretation of the Russian historical experience from 1917 to 1991. It attempts to strike a reasonable balance between the Stalin years, which have been the focus of much attention, and the post-Stalinist period. While recognizing the profound influence Stalin exerted on Soviet history, the course also explores the various efforts at de-Stalinization, which occurred after his death, through the Gorbachev era. Moving beyond the standard emphasis on ideological matters, the course seeks to explore the social issues and decision-making processes during the Soviet period.

Prerequisite(s): A minimum "C-" grade in HIST 1115; or permission of the instructor. HIST 1115 and 2234 may be taken concurrently.

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 2237 (3 CREDITS) (4:0:0)

Popes, Emperors and Kings: Aspects of the History of Medieval Political Theory

The concept of the separation of church and state - indeed, the idea of the modern state itself - grew out of a struggle between the kings, emperors and popes of medieval Europe. The polemics and the developments in law derived from the crucial medieval debate have left their imprint on the course of Western history. This course will discuss such vital issues as the nature of authority, justice, and property; the problem of legitimacy, allegiance, the right of resistance to the powers that be; and the character and function of law. These concepts form the very foundation of western societies and the medieval debate is relevant to an understanding of contemporary institution and ideas.

Prerequisite(s): Any history course.

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 2241 (3 CREDITS) (3:1:0)

The History of the Cold War I: 1946 - 1960

Against the backdrop of World War II, this course looks at 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 US respectively. This polarization of world politics carried with it the danger that any conflict between the two superpowers might ignite a world-wide conflict. This course examines the Chinese Civil War (1945-1949), the Berlin Blockade, the Korean War, and the launching of Sputnik (1958).

Prerequisite(s): Any history course; or permission of the instructor.

HIST 2242 (3 CREDITS) (3:1:0)

The History of the Cold War II: 1960-1991

This course is a continuation of HIST 2241. It examines the US - USSR clash in the Cuban Missile Crisis (1962), the American quagmire in Vietnam, and the Star Wars concept. It follows concurrent attempts at breaking the disabling cold war attitudes and policies, attempts which proved successful only under Mikhail Gorbachev. In 1991, the Cold War was officially proclaimed dead.

Prerequisite(s): A minimum "C-" grade in HIST 2241; or permission of the instructor. HIST 2241 and 2242 may be taken concurrently.

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.

Prerequisite(s): A minimum "C-" grade in HIST 1130; or permission of the instructor. HIST 1130 and 2243 may be taken concurrently.

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 2246 (3 CREDITS) (3:1:0)

Contemporary Canada: Change and Conflict since 1945

This course examines post-war Canada. It is designed to introduce some of the major themes and events that have shaped this country's recent past since 1945. The course highlights such topics as Canada's role in the Cold War, immigration policy and debates, the rise of the welfare state and the challenge to its expansion, the experience and influence of the baby boom generation, the changing position of women, the Quebec nationalist movement, First Nation's protest, provincial-federal tensions, and Canada's relationship to the United States.

Prerequisite(s): Any history course; or permission of the department.

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 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.

Institute (INST)

INST 1101 (0 CREDITS) (0:0:0)

Langara Environment Institute

The Langara Environment Institute is an intensive, multi-disciplinary program conducted at Langara College taking the environment as its theme. The Institute consists of two or three courses (six to nine credits) that approach the study of the environment from different perspectives. Specific course offerings vary with each Institute.

Corequisite(s): INST 1105.

INST 1105 (0 CREDITS) (0:6:0)

Langara Environment Institute Seminar

The Langara Environment Institute Seminar will consist of six weekly meetings of all institute students and instructors. These sessions will function as the meeting place for a collaborative activities based on the theme of the Institute. An Institute includes at least two to three courses (six to nine credits respectively) from different disciplines and is offered over a seven-week period in May/June.

The courses of the Institute will focus on the environment in general terms from the perspective of the various disciplines. The Langara Environment Institute Seminar will be delivered in the context of interdisciplinary workshops, which will be focused, in-depth sessions that explore a single principle theme, place, or event of significance to the overall Institute theme. Graded S/U.

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

This course introduces students to the role of international trade, the international business environment and Canada's dependence on, and role in, international business. Students will gain an understanding of international business, globalization, and the importance of international business to the Canadian economy. Students are provided with a focus on the nature of the international business environment; its financial, cultural, social, political, and legal forces; and the manner in which this environment has changed and continues to change. Students are also introduced to alternative methods of conducting business internationally and reasons for and different types of government and private sources of assistance to international business. The increasing importance of international organizations such as the World Bank, the International Development Association, the World Trade Organization, UNCTAD, CIDA, and the International Monetary Fund is emphasized.

This course also provides basic understanding of trade flows and the main trade agreements. The major trade groups and 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): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; 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" in ENGL 1107, 1108, or 1110;

LET with a minimum Level 3; 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.

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 and 3200.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in MARK 1115, a minimum "C" grade in three credits CMNS 2228, and a minimum "C" grade in six additional 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; and a minimum "C" grade in three credits CMNS 2228 and six additional 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 and 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 and 4100.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in 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.

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 all of the following: INTB 2000; six credits of university-transferable English or communications; and CMNS 2228.

INTB 4220 (3 CREDITS) (4:0:0)

International Financial Management

This course provides an introduction to the nature and characteristics of the international financial environment, including the core principles of international economics, foreign exchange, risk management, and international financial markets. The course examines how international banking and other financial institutions facilitate trade and commerce inside and outside national boundaries; provides strategies for financing international operations, and shows students how to appraise risk on both a global and national basis.

Students will receive credit for only one of INTB 2330 and 4220.

Prerequisite(s): Completion of 54 credits including a minimum "C" grade in six credits of university-transferable English or communications. As this course deals with advanced business topics, some first- and second-year coursework in business is highly recommended. MATH 1119 or 1118 and ECON 1220 or 1221 are also recommended.

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 and 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 and 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 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)

All Journalism courses except JOUR 1100 are restricted to students enrolled in the journalism program.

JOUR 1100 (3 CREDITS) (3:1:0)

Introduction to the News Media

This course introduces students to the role and function of the news media in a modern society, its important effects on people's lives, and its current challenges. It explores the role of the news media in enabling citizens to make informed decisions in a democratic society, and how well the media is fulfilling that role. It also examines basic journalism values such as accuracy, impartiality, and ethics. This course would be useful to students considering becoming journalists, planning studies related to mass media, or to those pursuing a career in business, law, public service, entertainment, or other professions in the public eye. This course does not teach journalism skills.

Prerequisite(s): One of the following: LET level 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; BC English 12 or equivalent, a minimum 80% in BC English Literature 12, or BC English First Peoples 12; a minimum "C" grade in a university-level English course for which Langara College awards transfer credit; a minimum "C" grade in ENGL 1120; or an "S" in ENGL 1107, 1108, or 1110.

Note: This course is open to all students.

JOUR 1122 (1.5 CREDITS) (1:0:1)

Journalism Research Techniques
Formerly JOUR 1120

New Course as of Fall Semester 2018

Students get a practical introduction to basic journalism research skills: how to find people and how to find information on people, governments, businesses, and charities. They learn advanced interviewing skills and how to spot false information. Students conceptualize an investigative project using tools such as freedom of information requests and database analysis, which will be used as a foundation for further study in advanced research techniques and investigative journalism.

Students will receive credit for only one of JOUR 1120 and 1122.

Registration in this course is restricted to students admitted to the journalism program.

Corequisite(s): JOUR 1128

JOUR 1128 (3 CREDITS) (2:1:1)

Fundamentals of Reporting

Writing basic news stories and features; interviewing news sources; researching and reporting a variety of general-assignment news stories.

JOUR 1142 (1.5 CREDITS) (1:0:1)

Basics of Copy Editing
Formerly JOUR 1140
New Course as of Fall Semester 2018

Readers judge writing as much by its attention to details as by its grand phrases or sweeping narratives. Students in this course will learn how to ensure that their writing adheres to accepted style conventions in Canada. They will also learn how to ensure that their grammar, spelling, and punctuation enhances their writing and bolsters their credibility.

Students will receive credit for only one of JOUR 1140 and 1142.

Registration in this course is restricted to students admitted to the journalism program.

JOUR 1168 (3 CREDITS) (2:0:1)

Photo Journalism

The students develop skills and concepts required to produce professional photographic news reports and photo essays, including combining words, still or multiple images, and designs to tell a story. They learn the fundamentals of multimedia photojournalism for the internet.

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 1178 (6 CREDITS) (0:1:11)

Multi-Media Production I

Students will write news and feature stories, take photos, and create news videos for multi-media platforms, including the program's weekly newspaper, *The Voice*, and its website.

Corequisite(s): JOUR 1122, 1128, 1298, and 2398.

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 enrolled in 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 1224 (1.5 CREDITS) (1:0:1)

Investigative Journalism

Formerly JOUR 1120

New Course as of Fall Semester 2018

Students develop and complete a long-term investigative research project, using basic and more advanced journalism research tools and skills. Students learn how to execute and complete projects, as well as overcome obstacles they may face in the development of those projects.

Students will receive credit for only one of JOUR 1120 and 1224.

Registration in this course is restricted to students admitted to the journalism program.

Prerequisite(s): A minimum "C-" grade in JOUR 1122.

JOUR 1240 (1.5 CREDITS) (1:0:1)

Advanced Copy Editing

Formerly JOUR 1140

New Course as of Spring Semester 2019

This course builds on the skills developed in JOUR 1142: Basics of Copy Editing. Students learn how to undertake more challenging structural changes to stories, refining those stories to improve their flow. Students also learn how to assess stories for gaps and omissions in information, fairness, good taste, libel, editorializing, and other issues.

Students will receive credit for only one of JOUR 1140 and 1240.

Registration in this course is restricted to students admitted to the journalism program.

Prerequisite(s): A minimum "C-" grade in JOUR 1142.

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.

Pre-requisite(s): A minimum "C-" grade in JOUR 1120, 1128, and 1188.

JOUR 1298 (2 CREDITS) (2:0:1)

Radio and Audio Journalism

An introduction to radio and audio journalism, where students learn to produce both news stories and feature-type audio productions. Topics will include writing for the spoken word, selecting interview clips, performing on air, and lining up newscasts. Students work with current industry-standard technology.

JOUR 2228 (1.5 CREDITS) (2:0:0)

Journalism Law

An examination of the legal system as it pertains to journalism. An introduction to covering the courts and to the laws that affect the working journalist, including libel, contempt of court, freedom of information, and privacy.

JOUR 2278 (6 CREDITS) (0:2:14)

Multi-Media Production II

As editors, students will assign stories, photos and videos, copy edit and do layout and design for multi-media platforms, including the program's weekly newspaper, *The Voice*, and its website.

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 enrolled in 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 2328 (1.5 CREDITS) (1:1:0)

Journalism Ethics

An examination of the role and responsibility of the news media, including credibility, conflict of interest, taste, press councils, and accountability.

JOUR 2330 (1.5 CREDITS) (1:0:1)

Magazine Journalism I

New Course as of Fall Semester 2018

Students are introduced to all aspects of print and online magazine publishing, from researching a potential audience to understanding how to establish an editorial mission to assessing revenue possibilities.

Registration in this course is restricted to students admitted to the journalism program.

Prerequisite(s): A minimum "C-" grade in JOUR 1178.

JOUR 2358 (3 CREDITS) (1:3:1)

Daily Paper Writing

A laboratory for writing to daily paper standards under deadline pressure.

JOUR 2380 (3 CREDITS) (3:0:0)

Civic Reporting

Students will use advanced journalism techniques, including social media, data visualization, mutli-platform presentation, and investigation to develop story proposals and coverage of defined municipal beat. At the same time, they will learn about the roles and responsibilities of local government agencies.

Prerequisite(s): A minimum "C-" grade in all of the following: JOUR 1120, 1128, 1178, and 1188.

JOUR 2398 (3 CREDITS) (2:2:0)

Video and TV Journalism

Students explore the basic skills of television reporting and online video. They learn to produce videos for a variety of broadcast and digital platforms using current technology. Skills include writing to pictures, announcing, shooting, and editing, according to industry standards.

Prerequisite(s): A minimum "C-" grade in JOUR 1122 and 1128.

JOUR 2410 (1.5 CREDITS) (1:0.25:2)

Mobile Journalism

New Course as of Fall Semester 2018

Students will learn how to take video, audio, or photos that they have shot or recorded in the field and package them into a comlete story that they file from a mobile device.

Registration in this course is restricted to students admitted to the journalism program.

Prerequisite(s): A minimum "C-" grade in all of the following: JOUR 1122, 1128, 1168, 1178, 1224, 1244, 1298, and 2398.

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 2420 (1.5 CREDITS) (1:0:1)

Data Journalism

New Course as of Fall Semester 2018

Students learn and practice a specialty that is increasingly in demand in the journalism industry, addressing the increased role that numerical data plays in the production and distribution of information. They learn where to find data, how to interpret it, as well as how to use current digital tools and techniques to tell a complex story through engaging infographics.

Registration in this course is restricted to students admitted to the Diploma in Journalism and Certificate in Journalism.

Prerequisite(s): A minimum "C-" grade in all of the following: JOUR 1122, 1128, 1224, and 1244.

JOUR 2430 (3 CREDITS) (2:0:2)

Magazine Journalism II

Working as a team, students produce the annual Langara Journalism Review, which may appear as a print publication, online, or both. Students undertake all of the functions of a regular magazine: editing, writing sidebars, producing display copy, and integrating visual aspects into the production of a complete magazine.

Prerequisite(s): A minimum "C-" grade in JOUR 1170, 2330, and 2459.

JOUR 2456 (1.5 CREDITS) (0:0:3)

Deadline Journalism

New Course as of Fall Semester 2018

In this laboratory course students write under the kind of deadline pressure characteristic of newsrooms. Stories covered include everything from breaking news, announcements, profiles, science, sports, disasters, business, and more and include both text and broadcast formats.

Students will receive credit for only one of JOUR 2358 and 2456.

Registration in this course is restricted to students admitted to the journalism program.

Prerequisite(s): A minimum "C-" grade in JOUR 1128.

JOUR 2458 (3 CREDITS) (2:2:0)

Feature Writing

Students learn to combine information, personal tone, and narrative to produce high-quality features for news outlets and magazines. Assignments include profiles, news and lifestyle features, and explanatory pieces in varying lengths from 800 to 2,000 words.

Prerequisite(s): A minimum "C-" grade in JOUR 1122 and 1128.

JOUR 2470 (5.5 CREDITS) (1:0:1)

Formerly JOUR 2459 & 2469

Work Experience

New Course as of Fall Semester 2018

Fourth-term students will undertake a five-week, work-experience internship in print, online, or broadcast journalism, public relations, communications, or any other journalism-related field. The internship will be preceded by coaching in how to research, write a resumé, build a portfolio, and interview for a prospective job, as well as providing a refresher on journalism issues and practices.

Students will receive credit for only one of JOUR 2459, 2469 and 2470.

Registration in this course is restricted to students admitted to the journalism program.

Prerequisite(s): A minimum "C-" grade in JOUR 1178 and 2278.

JOUR 2490 (1.5 CREDITS) (1.5:0:1.5)

Freelancing for Journalists

New Course as of Fall Semester 2018

Freelancing is an increasingly popular career option in the journalism industry, either as a full-time position or as a part-time activity in addition to standard employment. Students learn how to manage a freelance business, from identifying likely clients to marketing to finances.

Registration in this course is restricted to students admitted to the Diploma in Journalism.

Kinesiology (KINS)

KINS 1100 (3 CREDITS) (3:0:1)
Biodynamics of Physical Activity
An introductory examination of the mechanical, anatomical and physiological bases of human performance.

KINS 1103 (3 CREDITS) (2:0:2)
Active Health
This course will examine the role of physical activity in the maintenance of a healthy life, and will investigate the application of basic physical fitness and exercise methods, exercise techniques, and fitness appraisal.

Registrants are advised that students in this course will engage in vigorous physical activity as part of their laboratory practice in active health. Students will act both as physical activity leaders and participants. Students are expected to develop and maintain a good level of physical fitness throughout the course. It is of benefit to possess a good level of physical fitness prior to the course.

Students may also be required to travel to off-campus fitness and recreation facilities in the local area.

KINS 1117 (1.5 CREDITS) (2:0:0)
Performance Analysis: Gymnastics
The study and practice of effective performance in developmental gymnastics. In both theoretical and practical environments, students will learn to correctly apply appropriate methods of analysis, error detection and correction when analyzing performance, and safety in gymnastic environments.

Students will receive credit for only one of HKIN/KINS 1115 and 1117.

KINS 1118 (1.5 CREDITS) (2:0:0)
Performance Analysis: Dance
The analysis of performance and instructional strategies in dance.

KINS 1123 (1.5 CREDITS) (2:0:0)
Performance Analysis: Aquatics
An introduction to aquatics through participation and analysis by the class. Emphasis will be placed on learning, understanding, the analysis of movement, and development of appropriate teaching strategies and training programs.

Students will receive credit for only one of HKIN 1116 and 1123.

Prerequisite(s): Students should be comfortable in an aquatic setting, be able to engage in moderate physical activity, and have a bathing suit and goggles.

KINS 1124 (1.5 CREDITS) (2:0:0)
Performance Analysis: Triathlon
An introduction to the sport of triathlon through participation and analysis by the class. Emphasis will be placed on the learning, understanding, analysis of movement, and development of appropriate teaching strategies and training programs.

Students will receive credit for only one of HKIN/KINS 1116 and 1124.

Prerequisite(s): Students should be comfortable in an aquatic setting and able to engage in moderate physical activity; have a bathing suit, goggles, running shoes, and bicycle helmet; and have access to a working bicycle.

KINS 1151 (3 CREDITS) (2:0:2)
Biomechanics I
This course will examine the application of elementary principles of physics and mathematics to a quantitative analysis of movement. Analysis will also focus on the development of forces within muscles and their effect on initiating and controlling human movement.

Prerequisite(s): KINS 1151 relies on a basic knowledge of high school math principles (basic algebra, trigonometry). Students without a "B" in Principles of Math 11 (PM11) or a "C+" in PM 12, or a score of 70 on the Langara Math Diagnostic Test, should strongly consider taking MATH 1150 prior to this course.

KINS 1161 (3 CREDITS) (3:1:0)
Leisure & Sport in Society
Introduction to the political, economic and social basis of leisure and sport: concepts, myths, theories, and problems.

KINS 1190 (3 CREDITS) (2:0:2)
Anatomy & Physiology I
Human anatomical systems and their integration. A major emphasis is placed on the skeletal and muscular systems.

Prerequisite(s): A minimum "C-" grade in HKIN/KINS 1100 or equivalent with department permission (a three-credit course on human anatomy and physiology from an accredited post-secondary institution is considered equivalent).

KINS 1191 (3 CREDITS) (2:0:2)
Anatomy & Physiology II
Human anatomical systems and their integration. A major emphasis is placed on the nervous, endocrine, respiratory, circulatory, digestive, and urinary systems and their functioning in physical activity.

Prerequisite(s): A minimum "C-" grade in KINS 1190 (may be taken concurrently).

KINS 2220 (1.5 CREDITS) (2:0:0)
Performance Analysis: Soccer
An introduction to the sport of soccer through participation and analysis by the class. Emphasis will be placed on the learning and understanding of the basic skills. Further consideration will be given to the fundamental strategy systems of play exhibited at all levels of play. This course will emphasize (sport-specific) technical, tactical, strategy skills, and theory.

Prerequisite(s): Students should be able to engage in physical activity.

KINS 2221 (1.5 CREDITS) (2:0:0)
Performance Analysis: Basketball
An introduction to the sport of basketball through participation and analysis by the class. Emphasis will be placed on the learning and understanding of the basic skills. Further consideration will be given to the fundamental strategy systems of play exhibited at all levels of play. This course emphasizes (sport-specific) technical, tactical, strategy skills, and theory.

Students will receive credit for only one of HKIN/KINS 2215 and 2221.

Prerequisite(s): Students should be able to engage in physical activity.

KINS 2222 (1.5 CREDITS) (2:0:0)
Performance Analysis: Team Handball
An introduction to the sport of team handball through participation and analysis by the class. Emphasis will be placed on the learning and understanding of the basic skills. Further consideration will be given to the fundamental strategy systems of play exhibited at all levels of play. This course emphasizes (sport-specific) technical, tactical, strategy skills, and theory.

Students will receive credit for only one of HKIN/KINS 2215 and 2222.

Prerequisite(s): Students should be able to engage in physical activity.

KINS 2223 (1.5 CREDITS) (2:0:0)

Performance Analysis: Volleyball

An introduction to the sport of volleyball through participation and analysis by the class. Emphasis will be placed on the learning and understanding of the basic skills. Further consideration will be given to the fundamental strategy systems of play exhibited at all levels of play. This course emphasizes (sport-specific) technical, tactical, strategy skills, and theory.

Students will receive credit for only one of HKIN/KINS 2216 and 2223.

Prerequisite(s): Students should be able to engage in physical activity.

KINS 2224 (1.5 CREDITS) (2:0:0)

Performance Analysis: Softball

An introduction to the sport of softball through participation and analysis by the class. Emphasis will be placed on the learning and understanding of the basic skills. Further consideration will be given to the fundamental strategy systems of play exhibited at all levels of play. This course emphasizes (sport-specific) technical, tactical, strategy skills, and theory.

Students will receive credit for only one of HKIN/KINS 2216 and 2224.

Prerequisite(s): Students should be able to engage in physical activity.

KINS 2230 (3 CREDITS) (2:0:2)

Human Motor Behaviour I

An introduction to the study of motor skill acquisition, the variables which influence learning, and performance of motor skills. The processes underlying human movement and learning motor skills, and factors influencing motor control.

KINS 2231 (3 CREDITS) (2:0:2)

Sport and Exercise Psychology

This course is designed to familiarize the student with psychological variables affecting learning and the performance of a skillful act. Emphasis is on the analysis and execution of psychological variables and the application of theoretical knowledge.

KINS 2252 (3 CREDITS) (4:0:0)

Contemporary Health Issues

The course will identify and describe contemporary lifestyles, associated behaviours, and major health concerns. The responsibility of the consumer and techniques and strategies used to make positive lifestyle changes will be studied and discussed.

KINS 2261 (3 CREDITS) (4:0:0)

Health Policy and Society

This course will investigate the development, organization, and administration of leisure and sport delivery systems in Canada and British Columbia, with a focus on active health for our population.

Students will receive credit for only one of HKIN/KINS 2261 and HMPF 1131.

KINS 2275 (3 CREDITS) (2:0:2)

Exercise Physiology

The acute and chronic effects of exercise on body systems: basic concepts of cardiovascular, respiratory, and muscular responses to physical activity.

Prerequisite(s): A minimium "C-" grade in HKIN/KINS 1190 and 1191 (KINS 1191 may be taken concurrently).

KINS 2284 (3 CREDITS) (3:1:0)

Growth and Development

An exploration of the course of normal physical growth and motor development with emphasis on the first two decades of life, on the methods used to study physical growth and motor development, and on some developmental differences in the motor abilities of children.

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

This course examines various techniques associated with improving athletic performance through strength and conditioning. The primary focus will be movement analysis, methods of training, athletic testing, and advanced program design. Course material will be delivered through participation in lab activities, in-class lectures, and through out-of-class individual and group-based assignments.

Prerequisite(s): A minimum "C-" grade in KINS 1100 and 1103. Students with work experience and/or current certification in strength and conditioning may contact the instructor to request permission to override the prerequisites.

KINS 3373 (3 CREDITS) (2:0:2)

Research Methods

An introduction to research methods in kinesiology. The goal of this course is to provide students with a comprehensive understanding of the research process to allow them to conduct qualitative, quantitative, and mixed methods research as well as understand and apply knowledge from the scientific literature to future practice in the field of kinesiology.

Prerequisite(s): Successful completion of a minimum of 30 credits.

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.

LATN 2225 (3 CREDITS) (4:0:0)

Intermediate Latin I

This course is a continuation of LATN 1117. Students will continue to learn Latin grammar, and at the same time will begin to read Latin prose and poetry.

Prerequisite(s): A minimum "C-" grade in LATN 1117; or instructor permission

LATN 2227 (3 CREDITS) (4:0:0)

Intermediate Latin II

This course is a continuation of LATN 2225. Greater emphasis will be put on reading Latin prose and poetry: Cicero and Catullus and others.

Prerequisite(s): A minimum "C-" grade in LATN 2225; or instructor permission.

Latin American Studies (LAMS)

LAMS 1100 (3 CREDITS) (3:1:0)

Introduction to Latin America

This course considers the environmental and institutional foundations as well as the developmental processes of Latin America using an interdisciplinary approach.

LAMS 1101 (3 CREDITS) (3:1:0)

Latin American Cultural Perspectives

Former title: Latin American Cultural

This course considers the developmental processes and cultural dynamics of contemporary Latin America from an interdisciplinary perspective.

LAMS 1102 (3 CREDITS) (4:0:0)

Trouble in Paradise: Environmental Issues in Latin America

This course will look at environmental problems and solutions in Latin America. Topics covered include: development policies, urbanization, industrialization, and resource extraction. The goal is to understand the nature and scope of the environmental crisis facing the region. Emphasis will be placed on the many Latin American social movements that are addressing the crisis. We will look at examples of communities working on agroecology, urban farming, food sovereignty, mounting resistance to mega-projects (drilling, mining, logging etc.) and those working with international NGOs to conserve fragile ecosystems like that of the Amazon, as well as those movements building alternative development models, such as producer co-ops, farmers' markets, fair trade, and eco-tourism initiatives.

Prerequisite(s): LAMS 1100 is recommended.

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)

Conflict and Change in Latin America

(Former title: Latin American History)

A broad survey of Latin American history beginning with the European roots and continuing with the conquest, the institutions of the Hispanic empire in America, independence, revolution, and the contemporary era.

Prerequisite(s): LAMS 1100 and 1101 recommended.

LAMS 2206 (3 CREDITS) (3:1:0)

Latin America in a Globalized World

This course explores how globalization and policies of financial, trade, and investment liberalization are affecting Latin America and examines the role played by international institutions and multilateral organizations in shaping the political economy of the region. Case studies will be used to examine changes within rural and urban sectors, changing labour and migration patterns, and to illustrate how Latin Americans are responding to these changes at the local, community, and national levels.

Prerequisite(s): LAMS 1100 and 1101 recommended.

Library (LIBR)

Library (LIBR) courses are restricted to students enrolled in 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

An introduction to how information is organized and retrieved with particular reference to library and information resources and databases. Students gain hands-on experience and skill in standard software programs used for communication and information retrieval.

LIBR 1118 (3 CREDITS) (3:0:1)

Introduction to Cataloguing

This course will introduce 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. In addition to creating catalogue records following current and new cataloguing standards, students will learn how to code this information for the electronic environment.

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.

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.

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.

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 and 1228.

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.

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.

Prerequisite(s): A minimum "C-" grade in LIBR 1111 taken within the last three years; or department approval.

LIBR 1495 (3 CREDITS) (4:0:0)

Special Topics: Enhancing Library Web Pages with Media, Mashups and Social Software

Participants in this course will learn simple techniques for creating and adding media (audio and video) to library websites, and for incorporating social software and Web 2.0 tools and applications into library web pages. Emphasis will be placed on creating engaging and effective library web pages for patrons and staff. Participation, collaboration, and networking with other course participants will be integral to success in this course. The final course grade will be based on self, peer, and instructor evaluation of course contributions, activities, and project website.

Prerequisite(s): A minimum "C-" grade in LIBR 1111; or department approval.

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.

Prerequisite(s): A minimum "C-" grade in one of the following: LIBR 1118, 1111, 1120, 2416, or 2328

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.

LIBR 2315 (3 CREDITS) (4:0:0)

Media Materials

Introduction to the handling, organization, and cataloguing of non-book materials including audio and video tape, pictures, cartographic materials, computer files etc., basic selection, operation, and maintenance of audio-visual hardware.

Prerequisite(s): A minimum "C-" grade in LIBR 1118 and 2418 taken within the last three years; or department approval. LIBR 2418 may be taken concurrently.

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.

LIBR 2395 (3 CREDITS) (4:0:0)

Special Topics: Young Adult Services

Basic training and familiarity with the literature, programs, and services for young adults in public libraries.

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.

LIBR 2411 (3 CREDITS) (3:0:1)

Library Technologies and Information Management

Information storage organization and retrieval; and provision of library services, including bibliographic database development, www site creation, search strategy and use of online databases; current issues in electronic information service.

Prerequisite(s): A minimum "C-" grade in LIBR 1111 taken within the last three years; or with department approval.

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.

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.

Prerequisite(s): A minimum "C-" grade in LIBR 1118 and 2328 (LIBR 2328 may be taken concurrently).

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.

Prerequisite(s): An "S" grade in LIBR 1219; and a minimum "C-" grade in all of the following: LIBR 2315, 2328, 2416, 2418 and 2411 (LIBR 2315, 2328, and 2416 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.

LIBR 2595 (3 CREDITS) (4:0:0)

Special Topics: Aboriginal 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.

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 and 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 and MARK 2000.

Prerequisite(s): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; LET with a minimum Level 3; 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.

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 and 2327.

Prerequisite(s): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; LET with a minimum Level 3; 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.

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. MARK 2400 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 and 2400.

Prerequisite(s): One of the following: a minimum 67% in BC English 12 or equivalent, BC English Literature 12, or BC English First Peoples 12; a university-level English or communications course for which Langara awards transfer credit; a minimum "C" grade in ENGL 1120; a minimum "C-" grade ENGL 1121; an "S" grade in ENGL 1107, 1108, or 1110; LET with a minimum Level 3; 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.

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.

Note: 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 and 2500.

Prerequisite(s): A minimum "C-" in MARK 1115.

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.

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): A minimum 54 credits including a minimum "C" grade in MARK 1115; and a minimum "C" grade in 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 a minimum "C" grade in six credits of university-transferable English or communications.

MARK 3210 (3 CREDITS) (3:0:1)

Digital Marketing

(Former title: Online Presence Management)

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 a minimum "C" grade 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 and 3250.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in CMNS 2228 and MARK 1115; and a minimum "C" grade in 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 and MARK 1115; and a minimum "C" grade in 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 and MARK 1115; and a minimum "C" grade in 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 and 4220.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in CMNS 2228 and MARK 1115; and a minimum "C" grade in 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 and 4250.

Prerequisite(s): Completion of a minimum 54 credits including a minimum "C" grade in CMNS 2228 and MARK 1115; and a minimum "C" grade in 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 and 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 and 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, and 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 all of the following: BUSM 4805 and MARK 4800; and FMGT 4816 or 4800.

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 and 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 and 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.

MARK 5210 (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, 2327 and 5210.

Prerequisite(s): Acceptance into a post-degree certificate program.

MARK 5320 (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.

Students will receive credit for only one of MARK 3200 and 5320.

Prerequisite(s): Acceptance into a post-degree certificate program.

MARK 5325 (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 3250, 2450, and 5325.

Prerequisite(s): Acceptance into a post-degree certificate program.

MARK 5340 (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.

Students will receive credit for only one of MARK 3400 and 5340.

Prerequisite(s): Acceptance into a post-degree certificate program.

MARK 5410 (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.

Students will receive credit for only one of MARK 4100 and 5410.

Prerequisite(s): Acceptance into a post-degree certificate program.

MARK 5422 (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 4220 and 5422.

Prerequisite(s): Acceptance into a post-degree certificate program.

Mathematics (MATH)

For more detailed information about the department of Mathematics and Statistics, including course outlines and advice on course selection, please visit our website at http://www.langara.bc.ca/departments/mathematics-statistics/index.html

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, or 1171, or 1173 or 1174

MATH 1271 or 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 Principles of Mathematics 12 or 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 Principles of Mathematics 12 or 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.

Note: 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 Principles of Mathematics 12 or Precalculus 12. Those with a recent:

- "C-" or "C" normally take MATH 1152 then 1170, 1174 and 1274.
- "C+" normally take MATH 1170 then MATH 1174 and 1274.
- "B" or "A" normally take MATH 1174 and 1274

Note: Students with a "C+" or lower in Principles of Mathematics 12 or 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.

Note: In the above, "recent" generally means the Principles of Mathematics 12 or Precalculus 12 course was completed within the last three years.

Note: 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 twelve 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 Principles of Mathematics 12 or Precalculus 12 and want MATH 1171
- a recent "B" grade in Principles of Mathematics 12 or Precalculus 12 and want MATH 1153 or 1173 or 1174
- a recent "C+" grade in Principles of Mathematics 12 or 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 Principles of Mathematics 12 or Precalculus 12 and want MATH 1170
- a recent "C-" grade in Principles of Mathematics 12 or Precalculus 12 and want MATH 1152
- a recent "C" grade in Principles of Mathematics 11 or 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 and statistics advisor.

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): An "S" grade in MATH 1100, 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 and 1119.

Prerequisite(s): 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 060). 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 and 1119.

Prerequisite(s): Recent successful completion of BC Math 10 is strongly recommended.

MATH 1120 (3 CREDITS) (4:0:0)

Mathematics for Professional Photography

Review of basics. Logarithms and exponents. Introduction to percent and its trigonometry applications. Simple and compound interest. Annuities and investments. Descriptive statistics.

Prerequisite(s): Recent successful completion of BC Math 10 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.

May not be used as credit towards a Langara College credential.

Prerequisite(s): A minimum "C" grade in Principles of Mathematics 11, Precalculus 11, Applications of Mathematics 12, or Foundations of Mathematics 12; a minimum "C-" grade in Principles of Mathematics 12, Precalculus 12, or MATH 1101; or permission of the department (based on the Mathematics Diagnostic Test). Applications of Mathematics 11 or Foundations of Mathematics 11 usually do not provide sufficient preparation for MATH 1150.

Students with a minimum "C" grade in Principles of Mathematics 11 or Precalculus 11 can enrol in MATH 1150 directly, but those with Applications of Mathematics 11 or Foundations of Mathematics 11 must take the Mathematics Diagnostic Test.

MATH 1152 (3 CREDITS) (4:1:0)

Precalculus Algebra

A one-term pre-calculus 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): A minimum "C-" grade in Precalculus 12 or 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.

College credit will be given for only one of the following courses: MATH 1153/1253, 1171, 1173, or 1174.

Prerequisite(s): One of the following: a minimum "B" grade in Precalculus 12; a minimum "C+" grade in MATH 1152; 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 080). 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 "B" grade in Precalculus 11 or Foundations of Mathematics 12; a minimum "B-" 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 pre-calculus course for stronger students which is intended to lead into the "full-speed" calculus sequence starting with MATH 1171 or MATH 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): A minimum "C+" grade in Precalculus 12; 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.

Prerequisite(s): A minimum "A" grade in Principles of Mathematics 12 or Precalculus 12; a minimum "B-" grade in MATH 1170; a minimum "C+" grade in Principles of Mathematics 12 or Precalculus 12 and a minimum "C-" grade in Calculus 12; or permission of department based on the MDT process (MDT 95).

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.

College credit will be given for only one of the following courses: MATH 1153/1253, 1171, 1173, or 1174.

Prerequisite(s): A minimum "B" grade in Precalculus 12; 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 090). 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.

College credit will be given for only one of the following courses: MATH 1153/1253, 1171, 1173, or 1174.

Prerequisite(s): A minimum "B" grade in Precalculus 12; 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 CREDITS) (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 1210 (3 CREDITS) (2:0:2)

Business Analysis by Computer

A course using the electronic spreadsheet to solve financial problems, suitable for students in business administration or headed for commerce.

Prerequisite(s): A minimum "C" grade in MATH 1118; a minimum "A-" grade in MATH 1119,or equivalent; and a minimum "C" grade in BCAP 1200 or CPSC 1010 or equivalent; or permission of the department. Some prior experience with electronic spreadsheets is essential.

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.

College credit will be given for only one of the following courses: Math 2362 or Math 1252.

Prerequisite(s): A minimum "C" grade in MATH 1171 or 1173/1183; or a minimum "C+" grade in MATH 1153 and 1253.

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.

Prerequisite(s): A minimum "C-" grade in MATH 1153.

MATH 1262 (3 CREDITS) (4:0:0)

Finite Mathematics II

A sequel to MATH 1162, covering matrix methods, applications to linear programming and Markov chains, Mathematics of Finance, and selected optional topics. The approach will be similar to that of MATH 1162.

Prerequisite(s): A minimum "C-" grade in MATH 1162.

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.

Prerequisite(s): A minimum "C-" grade in MATH 1171, 1173, or 1253.

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.

Prerequisite(s): A minimum "C-" grade in MATH 1253, 1171, or 1173; or permission of the department.

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.

Prerequisite(s): A minimum "C-" grade in one of the following: MATH 1171, 1173, 1174, or 1253.

MATH 1283 (1 CREDITS) (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 1171, 1173, 1174, or 1153. Prerequisites are valid for only three years.

MATH 2362 (3 CREDITS) (4:0:0)

Linear Algebra

An introductory course on vectors, matrices, linear equations and their applications. Systems of linear equations, matrix notation, Gaussian elimination. Operations on matrices, determinants, Vectors in n-dimensional space, dot and cross products, lines, and planes. Linear combinations of vectors, independence, subspaces, the concepts of basis, and dimension. Orthonormal bases for subspaces, the Gram-Schmidt algorithm, orthogonal matrices. Application to the theory of least squares and the pseudo-inverse. Linear and affine transformations, change of basis, application to computer graphics. Eigenvalues and eigenvectors, diagonalizable matrices, application to stochastic matrices, symmetric matrices, quadratic forms, conic sections.

College credit will be given for only one of the following courses: MATH 2362 or 1252.

Prerequisite(s): A minimum "C-" grade in MATH 1271, 1273, or 1274; or a minimum "A" grade in MATH 1171, 1173, or 1253 and concurrent registration in MATH 1271, 1273 or 1274. Prerequisites are valid for only three years.

MATH 2365 (3 CREDITS) (4:0:2)

Mathematical Modelling

In this course, students will be exposed to a survey of mathematical techniques used to model real world problems. Topics include finite difference equations, applications of calculus and optimization, discrete-time dynamical systems, differential equations, and Monte Carlo simulations. Examples will be drawn from several areas including biology, economicas, medicine, physics, and chemistry. The students will make use of Computer Algebra Systems such as MATLAB, MAPLE, or high level programming languages to implement models and to run simulations.

Prerequisite(s): A minimum "C-" grade in all of the following: MATH 1252 or 2362; and MATH 1271 or 1273 (MATH 1252 or 2362 may be taken concurrently).

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 or 1273. 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 MATH 1271, 1273, or 1274, or permission of the department.

MATH 2382 (1 CREDITS) (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).

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.

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 1252 or 2362, and MATH 2371. With permission, one of MATH 1252, 2362, or 2371 may be taken concurrently.

MATH 2485 (3 CREDITS) (4:0:2)

Numerical Analysis

In this course, students are exposed to 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 Algebra Systems (CAS), such as MATLAB and MAPLE.

Prerequisite(s): A minimum "C-" grade in all of the following: MATH 1252 or 2362; and MATH 1271 or 1273. (Exposure to a high-level programming language or a programming course such as CPSC 1150 is recommended.)

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.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Accounting.

Students will receive credit for only one of MATH 1118 and 4800. MATH 1118 may not be used to satisfy the MATH 4800 requirement.

MATH 4801 (1 CREDITS) (0:0:2)

Mathematics for Data Analytics

New Course as of Spring Semester 2019

Students require a solid foundation in pre-calculus algebra and linear algebra to succeed in the Post-Degree Diploma in Data Analytics. Topics include linear equations, systems of equations, matrix operations, quadratic forms, power functions, square root functions, exponential functions, logarithmic function, and reciprocal functions.

Registration in this course is restricted to students admitted to the Post-Degree Diploma in Data Analytics.

Nursing (NURS)

The following nursing courses are restricted to students enrolled in 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 College of Registered Nurses of British Columbia (CRNBC) standards of practice, competencies, and the 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 1141 (7 CREDITS) (4:0:12)

Nursing Practice II

This nursing practice experience provides opportunities for participants to develop caring relationships with individuals and families experiencing chronic health challenges. Through praxis, participants reflect upon the complexities of caring for families with chronic health challenges and develop sensitivity toward the experience of health as viewed through the individual's/family's perspective. Participants work with families and individuals in the home and community, in agencies, and in care facilities. Graded S/U.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 1190; ENGL 1127 or ENGL 1128; and NURS 1109, 1121, and 1130; and an "S" grade in NURS 1100.

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 1160 (4 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 1 level.

Students will receive credit for only one of NURS 1100 and 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 College of Registered Nurses of British Columbia's (CRNBC) professional practice standards at the Term 1 level.

Do not register for any courses on practice days.

Students will only receive credit for one of NURS 1100 and 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 and 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 2 level.

Students will receive credit for only one of NURS 1141 and 1260/1261/1263.

Prerequisite(s): A minimum of "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 and 1260/1261/1263.

Prerequisite(s): A minimum "C+" grade in NURS 1109, 1121, 1130, and 1160; and an "S" grade in NURS 1163.

Corequisite(s): NURS 1209, 1260, and 1263.

NURS 1263 (5 CREDITS) (0:0:10)

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 College of Registered Nurses of British Columbia's (CRNBC) professional practice standards at the Term 2 level.

Do not register for any courses on practice days.

Students will receive credit for only one of NURS 1141 and 1260/1261/1263.

Prerequisite(s): A minimum "C+" grade in 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 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 3 level.

Students will receive credit for only one of NURS 2160 and 2250.

Prerequisite(s): A minimum "C+" grade in 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

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.

Students will receive credit for only one of NURS 2140 and 2161/2163.

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) (0:0:15)

Nursing Practice III: Adult as Client I

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 College of Registered Nurses of British Columbia's (CRNBC) professional practice standards at the Term 3 level.

Do not register for any courses on practice days.

Students will receive credit for only one of NURS 2140 and 2161/2163.

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 CRNBC, 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 and 2221.

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, 3161, 3164, and 3165.

NURS 2250 (4 CREDITS) (4:0:4)

Healing I: Episodic Health Challenges

The focus of this course is on people's experience with healing with particular reference to episodic health challenges. Participants will integrate theory and concepts of health as they relate to healing. Participants will develop a repertoire of cognitive, psychomotor, interpersonal, and organization skills to promote healing.

Prerequisite(s): A minimum "C+" grade in BIOL 1191; ENGL 1129 or 1130; and NURS 1111 and 1131; and an "S" grade in NURS 1141.

Corequisite(s): NURS 2140

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 2260 (2 CREDITS) (4:0:0)

Nursing Skills IV: Healing Assessment II

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 4 level.

Students will receive credit for only one of NURS 2251 and 2260.

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 2261, 2263.

NURS 2261 (3 CREDITS) (4:0:0)

Nursing Knowledge III: Nursing Care of Adults

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.

Students will receive credit for only one of NURS 2141 and 2261/2263.

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, 2263.

NURS 2263 (5 CREDITS) (0:0:15)

Nursing Practice IV: Adult as Client II

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 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 placed on the student's ability to use the College of Registered Nurses of British Columbia's (CRNBC) professional practice standards at the Term 4 level.

Do not register for any courses on practice days.

Students will receive credit for only one of NURS 2141 and 2261/2263.

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.

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 3111 (3 CREDITS) (4:0:0)

Health III: Teaching and Learning for Prevention

The major emphasis of this course is on health teaching for prevention. Participants examine a variety of teaching/learning theories, perspectives, and strategies that underlie meaningful interactions with individuals, families, and groups. They explore and critique primary, secondary, and tertiary prevention programs and basic concepts of epidemiology. They examine the nurse's role in prevention and the significance of interdisciplinary collaboration within a variety of contexts.

Prerequisite(s): An "S" grade in NURS 2265.

NURS 3115 (3 CREDITS) (4:0:0)

Family Experiences with Maternal and Newborn Health and Healing

This course emphasizes family-centered care for the generative client. Students learn to develop caring and professional health care relationships with newborns, parent(s), siblings, and families, focusing on health promotion and injury prevention. This course builds on previously learned concepts and integrates new and specialized knowledge and skills. Students have opportunities to broaden their experiences of interprofessionalism.

Prerequisite(s): An "S" grade in NURS 2265.

Corequisite(s): NURS 3111, 3116, and 3145.

NURS 3116 (3 CREDITS) (4:0:0)

Family Experiences with Infants, Children, and Youth Health and Healing

This course emphasizes family-centered care of infants, children, and youth. Students learn to develop caring and professional health care relationships with this population, focusing on health promotion and injury prevention. This course builds on previously learned concepts and integrates new and specialized knowledge and skills. Students have opportunities to broaden their experiences of interprofessionalism.

Prerequisite(s): An "S" grade in NURS 2265.

Corequisite(s): NURS 3111, 3116, and 3145.

NURS 3130 (3 CREDITS) (4:0:0)

Self and Others II: Relational Practice

This experiential course focuses on participants' continued personal discovery of self and self in relations to other. Participants explore theories and processes of caring, identity development of self as nurse, and relational practice as enacted across a range of settings and contexts. Through interaction and personal reflection, this course is designed to deepen participants understanding of the nurse-other relationship. Documentation as it relates to communication is emphasized. Foundational and professional communication knowledge and skills, within the context of health and healing in the medical-surgical, mental health, and home health settings are explored.

Students will receive credit for only one of NURS 1131 and 3130.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2292, NURS 2209, 2221, 2260, 2261; and an "S" grade in NURS 2263.

Corequisite(s): NURS 2221, 3160, 3161, 3164, and 3165.

NURS 3145 (5 CREDITS) (0:0:15)

Family Practice Experience

This practice-based course emphasizes family-centered relational care of newborns, infants, children, youth, and families in health care settings. The course builds on previously learned concepts, and integrates new and specialized knowledge, skills, and attitude unique to these populations. The integration of the practice of teaching/learning is an essential element. The Decision-Making for Nursing Practice Framework is applied to guide student thinking and learning. Students have opportunities to broaden their experiences with an intraprofessional team.

Prerequisite(s): An "S" grade in NURS 2265.

Corequisite(s): NURS 3111, 3115, and 3116.

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 5 level.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2292, NURS 2209, 2221, 2260, 2261; and an "S" grade in NURS 2263.

Corequisite(s): NURS 2221, 3130, 3161, 3164, and 3165.

NURS 3161 (3 CREDITS) (4:0:0)

Nursing Knowledge IV: Nursing Care of Adults

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 3246 and 3161/3363.

Prerequisite(s): A minimum "C+" grade in all of the following: BIOL 2292, NURS 2209, 2221, 2260, 2261; and an "S" grade in NURS 2263.

Corequisite(s): NURS 2221, 3130, 3160, 3164, and 3165.

NURS 3164 (2.5 CREDITS) (0:15:0)

Nursing Practice V: Adult as Client III (A): Medical-Surgical

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 medical-surgical 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 College of Registered Nurses of British Columbia's (CRNBC) professional practice standards at the Term 5 level.

Please do not register for any courses on practice days as nursing practice may be scheduled during the evening hours.

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, 3161, and 3165.

Students are not eligible for an aegrotat or deferred standing in this course. See Policies E2007 and E2011.

NURS 3165 (2.5 CREDITS) (0:15:0)

Nursing Practice V: Adult as Client III (B): Mental Health

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 College of Registered Nurses of British Columbia's (CRNBC) professional practice standards at the Term 5 level.

Please do not register for any courses on practice days as nursing practice may be scheduled during the evening hours.

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 3161.

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 and 3209.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 2221, 3130, 3160, and 3161; and an "S" grade in NURS 3163, or NURS 3164 and 3165.

Corequisite(s): NURS 3261, 3262, 3264, and 3265.

NURS 3225 (3 CREDITS) (4:0:0)

Professional Growth III: Nursing Inquiry

In this course, various modes of nursing inquiry are addressed. Relationships between practice, theory, and research are explored. Past and present contributions to nursing knowledge are discussed.

Prerequisite(s): A minimum "C+" grade in the following: NURS 3111, 3115 3116, and PHIL 1105; and an "S" grade in NURS 3145.

Corequisite(s): NURS 3216, 3235, and 3246.

NURS 3246 (8 CREDITS) (4:0:15)

Nursing Practice VI

This nursing practice experience provides opportunities to develop caring relationships with families, groups, and communities and/or populations with emphasis on health promotion and community empowerment. Participants have opportunities to work with a community on an identified health issue. Graded S/U.

Prerequisite(s): A minimum "C+" grade in NURS 3111, 3115, 3116, and PHIL 1105; an "S" grade in NURS 3145; and current CPR certification.

Corequisite(s): NURS 3216, 3225, and 3235.

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 3261 (3 CREDITS) (4:0:0)

Nursing Knowledge V: 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 and 3261.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 2221, 3130, 3160, and 3161; and an "S" grade in NURS 3163, or NURS 3164 and 3165.

Corequisite(s): NURS 3209, 3262, 3264, and 3265.

NURS 3262 (3 CREDITS) (4:0:0)

Nursing Knowledge VI: 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 and 3262.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 2221, 3130, 3160, and 3161; and an "S" grade in NURS 3163, or NURS 3164 and 3165.

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

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 College of Registered Nurses of British Columbia's (CRNBC) professional practice standards at the Term 6 level.

Please do not register for any courses on practice days as nursing practice may be scheduled during the evening hours.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 2221, 3130, 3160, and 3161; and an "S" grade in NURS 3163, or NURS 3164 and 3165.

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

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 College of Registered Nurses of British Columbia's (CRNBC) professional practice standards at the Term 6 level.

Please do not register for any courses on practice days as nursing practice may be scheduled during the evening hours.

Prerequisite(s): A minimum "C+" grade in all of the following: NURS 2221, 3130, 3160, and 3161; and an "S" grade in NURS 3163, or NURS 3164 and 3165.

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 3309 (3 CREDITS) (4:0:0)

Health IV: Community Health

Building upon Health I, II, and III this course provides students with the opportunity to further explore public health from a socio-ecological perspective through the application of primary health care and the determinants of health within the context of community development and empowerment. Students continue to develop their understanding population and community health by exploring community participation, collaboration, and capacity building, from a social justice perspective, with an emphasis on the underlying principles of community based and community developed programming. Promoting and protecting the health of all is stressed. A key feature of this course is community assessment and promoting the health of marginalized communities, including but not limited to Aboriginal people, women, older adults, children, working homeless, and immigrant populations. Delivered in a mixed mode format.

Prerequisite(s): A minimum "C+" grade in NURS 3209, 3261, 3262, and PHIL 1105; and an "S" grade in NURS 3263 or in NURS 3264 and 3265.

Corequisite(s): NURS 3330, 3361, and 3363.

NURS 3330 (3 CREDITS) (4:0:0)

Self & Others III: Workplace Inter-Professionalism

This experiential course focuses on participants continued personal discovery of self and self in relation to other. Participants explore theories and processes of caring, identity development of self as nurse, and relational practice as enacted with other health care professionals. Foundational and inter-professional communication knowledge and skills, within the context of the community setting is explored. Through inter-professional interaction and personal reflection, this course is designed to deepen participants' understanding of the nurse-other relationship. Professional documentation as it relates to communication is further emphasized.

Prerequisite(s): A minimum "C+" grade in NURS 3209, 3261, 3262, and PHIL 1105; and an "S" grade in NURS 3263 or in NURS 3264 and 3265.

Corequisite(s): NURS 3309, 3361, and 3363.

NURS 3361 (3 CREDITS) (4:0:0)

Nursing Knowledge VII: Leadership and Management

This course involves an examination of theory, concepts, and practice related to leadership and management in nursing. The emphasis is placed on the integration of new and specialized knowledge through the use of a decision-making framework (DMF) in understanding organizational change, human resource management, team building, resource allocation, risk management, and quality assurance within the provision of health care services. The impact of Informatics on the delivery of nursing and health care will be explored. Delivered in a mixed mode format.

Prerequisite(s): A minimum "C+" grade in NURS 3209, 3261, 3262, and PHIL 1105; and an "S" grade in NURS 3263 or in NURS 3264 and 3265.

Corequisite(s): NURS 3309, 3330, and 3363.

NURS 3363 (5 CREDITS) (0:15:0)

Nursing Practice VII: Populations 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 populations, in the promotion of health and healing, within the context of community 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 College of Registered Nurses of British Columbia's (CRNBC) professional practice standards at the Term 7 level.

Do not register for any courses on practice days.

Prerequisite(s): A minimum "C+" grade in NURS 3209, 3261, 3262, and PHIL 1105; and an "S" grade in NURS 3263 or in NURS 3264 and 3265.

Corequisite(s): NURS 3309, 3330, and 3361.

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 3365 (9 CREDITS) (0:0:24)

Consolidated Practice Experience II

This consolidated practice experience is designed to provide opportunities for participants to integrate learning from previous semesters, and to advance their professional nursing practice. Participants have opportunities to consolidate learning and advance their decision making for nursing practice skills in a variety of settings. Graded S/U.

Prerequisite(s): A minimum "C+" grade in NURS 3216, 3225, 3235; and an "S" grade in NURS 3246.

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 4109 (3 CREDITS) (4:0:0)

Health V: Global Health for Nursing Practice

An exploration of health is incomplete without an understanding of health within the global context. This course provides students with opportunities to consolidate their knowledge of health, family, and community by reflecting on emerging health issues and trends faced by populations around the world. This course will also examine a select number of political, environmental, and ethical factors that give rise to the unequal distribution of health resources. The role of nurses in global health, sustainable development, the burden of disease and various international health initiatives will also be the focus of the course. Delivered in a mixed mode format.

Prerequisite(s): A minimum "C+" grade in NURS 3309, 3330, and 3361; and an "S" grade in NURS 3363.

Corequisite(s): NURS 4121, 4122, and 4163.

NURS 4121 (3 CREDITS) (4:0:0)

Professional Growth III: Nurses as Agents of Change

This course continues to introduce participants to the profession of nursing. The focus will be on the ways nurses create change for the promotion of societal health. Specifically, participants will explore the policy development and social marketing as effective strategies to address change within evolving Canadian and global health care systems. Organizational change will also be addressed. Further development of a culture of scholarship and leadership is also emphasized.

Students will receive credit for only one of NURS 4121 and 4161.

Prerequisite(s): A minimum "C+" grade in NURS 3309, 3330, and 3361; and an "S" grade in NURS 3363.

Corequisite(s): NURS 4109, 4122, and 4163.

NURS 4122 (3 CREDITS) (4:0:0)

Professional Growth IV: Research for Evidenced Based Practice

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.

Prerequisite(s): A minimum "C+" grade in NURS 3309, 3330, and 3361; and an "S" grade in NURS 3363.

Corequisite(s): NURS 4109, 4121, and 4163.

NURS 4145 (8 CREDITS) (4:0:15)

Nursing Practice VII

This nursing practice experience provides opportunities for participants to engage in influencing change for the promotion of societal health within the Canadian health care system. The nursing practice experience focuses on participants' growth in their practice as professional nurses. They have opportunities to collaborate with interdisciplinary and multi-sectoral groups. Graded S/U.

Prerequisite(s): An "S" grade in NURS 3365.

Corequisite(s): NURS 4125 and 4126.

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 4161 (3 CREDITS) (4:0:0)

Nursing Knowledge VIII: Advanced Healing Modalities for Complex Care

Formerly NURS 4121

New Course as of Spring Semester 2019

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, humantities, and health sciences for advanced physical assessment for pharmacological and diagnositic 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 and 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 3309, 3330, and 3361; and an "S" grade in NURS 3363.

Corequisite(s): NURS 4109, 4122, and 4163.

NURS 4163 (5 CREDITS) (0:15:0)

Nursing Practice VIII: Complex Client Care

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.

Do not register for any courses on practice days.

Prerequisite(s): A minimum "C+" grade in NURS 3309, 3330, and 3361; and an "S" grade in NURS 3363.

Corequisite(s): NURS 4109, 4122, and 4161.

Note: Students are not eligible for an aegrotat or deferred standing in this course. See Policy E2007 Course Credit: Special Consideration.

NURS 4182 (3 CREDITS) (4:0:0)

The Lived Experience of Disability

This course explores the lived experience of individuals with a disability and the roles of both the nurse and the nursing profession in that experience. Participants will have the opportunity to define disability, explore the history of disability, learn about the challenges faced in everyday life by those with a disability, and begin to appreciate the experience of life with a disability. Rehabilitation and the journey to optimal health will be discussed.

Prerequisite(s): A minimum "C+" grade in NURS 3216 and 3235; and an "S" grade in NURS 3246.

NURS 4246 (12 CREDITS) (4:0:28)

Nursing Practice VIII

This nursing practice experience provides opportunities for participants to consolidate their learning and explore the transition to professional nursing as a BSN graduate. Participants also explore transitions in the health care system and the workplace that affect nurses. Participants develop their practice and enhance their knowledge within a specific area, for example, a particular setting of practice, a certain client population, or a specific health challenge. Graded S/U.

Prerequisite(s): A minimum "C+" grade in NURS 4125 and 4126; NURS 4180, 4181, or 4182; and an "S" grade in NURS 4145.

Note: 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

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 College of Registered Nurses of British Columbia's (CRNBC) professional practice standards at the Term 9 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 Canadian Licensing Exam for Registered Nurses 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.

Please do not register for any courses on practice days as Nursing Practice IX may be scheduled during evenings, nights, weekends, and Statutory holidays.

Prerequisite(s) A minimum "C+" grade in NURS 4109, 4122, 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 4810 (0 CREDITS) (0:0:0)

Diversity and Inclusion in the Workplace I

A seminar course for all students in the Post-Degree Certificate in Diversity and Inclusion Leadership. Students will gain a deeper understanding of how to operationalize concepts of diversity and inclusion in the Canadian workplace.

Registration in this course is restricted to students admitted to the Post-Degree Certificate in Diversity and Inclusion Leadership.

NURS 4820 (0 CREDITS) (0:0:0)

Diversity and Inclusion in the Workplace II

A seminar course for all students in the Post-Degree Certificate in Diversity and Inclusion Leadership. Students will gain a deeper understanding of how to operationalize concepts of diversity and inclusion in the Canadian workplace.

Registration in this course is restricted to students admitted to the Post-Degree Certificate in Diversity and Inclusion Leadership.

Prerequisite(s): A minimum "C-" grade in NURS 4810.

NURS 5100 (3 CREDITS) (3:1:0)

Professional Communication II
(Former title: Professional Communication I)

This course prepares the nurse to communicate effectively within the health care management 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 Certificate in Nursing Leadership and Management or the Post-Degree Diploma in Nursing Practice in Canada.

Prerequisite(s): A minimum "C+" grade in all first term PDD courses: BUSM 1500, NURS 5110, 5115, 5130, and 5135.

Submission of the NNAS application with proof of payment must be submitted to the assistant chair, international at least one week prior to the opening of online registration for PDD Term 2.

NURS 5110 (3 CREDITS) (3:1:0)

The Nursing Professional and Health Care I

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 Certificate in Nursing Leadership and Management or the Post-Degree Diploma in Nursing Practice in Canada.

NURS 5115 (3 CREDITS) (0:0:4)

Clinical Skills Lab 1

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 Certificate in Nursing Leadership and Management or the Post-Degree Diploma in Nursing Practice in Canada.

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.

Prerequisite(s): A minimum "C+" grade in all first term PDD courses: BUSM 1500, NURS 5110, 5115, 5130, and 5135.

Submission of the NNAS application with proof of payment must be submitted to the assistant chair, international at least one week prior to the opening of online registration for PDD Term 2.

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 Diploma in Nursing Practice in Canada.

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 first term PDD courses: BUSM 1500, NURS 5110, 5115, 5130, and 5135.

Submission of the NNAS application with proof of payment must be submitted to the assistant chair, international at least one week prior to the opening of online registration for PDD Term 2.

NURS 5130 (3 CREDITS) (3:1:0)

Professional Communication I
(Former title: Professional Communication II)

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 Certificate in Nursing Leadership and Management or 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 Certificate in Nursing Leadership and Management or the Post-Degree Diploma in Nursing Practice in Canada.

NURS 5140 (3 CREDITS) (3:1:0)

The Nursing Profession and Health Care II

This course builds on the concepts introduced in The Nursing Profession and Health Care I by exploring the ways nurses can influence and create change for the promotion of societal health. An examination of the healthcare context and nursing in other countries is included. Emphasis is placed on selected strategies for enhancing nursing influence on health care systems within the global context.

Prerequisite(s): A minimum "C" grade in NURS 5110.

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 Certificate in Nursing Leadership and Management or the Post-Degree Diploma in Nursing Practice in Canada.

Prerequisite(s): A minimum "C+" grade in all first term PDD courses: BUSM 1500, NURS 5110, 5115, 5130, and 5135.

Submission of the NNAS application with proof of payment must be submitted to the assistant chair, international at least one week prior to the opening of online registration for PDD Term 2.

NURS 5150 (3 CREDITS) (3:1:0)

Applied Nursing Leadership and Management

This course explores the leadership and management knowledge and skills required by the internationally educated nurse within the provision of health care services. It provides the opportunity to examine innovative and diverse roles within changing health care environment as participants learn to identify and develop their own leadership and management skills.

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 first term PDD courses: BUSM 1500, NURS 5110, 5115, 5130, and 5135.

Submission of the NNAS application with proof of payment must be submitted to the assistant chair, international at least one week prior to the opening of online registration for PDD Term 2.

NURS 5160 (3 CREDITS) (3:1:0)

Ethics and Law in Nursing and Health Care

This course is designed to enhance nurses' knowledge of ethical and legal issues in clinical practice and to provide opportunities to apply their knowledge to realistic case studies in the health care management setting. Social justice, global resource allocation and the role and responsibilities of the nurse in a leadership/management position are included.

NURS 5170 (3 CREDITS) (3:1:0)

Current Nursing Issues and Perspectives

This course explores current nursing and health care issues, from local, national, and international perspectives. The emphasis is on gaining an understanding of global trends in health care, including public policy, economic resources, health informatics, and workforce migration.

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 all second term PDD courses: NURS 5100, 5120, 5125, 5145, and 5150.

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 3.

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 all second term PDD courses: NURS 5100, 5120, 5125, 5145, and 5150.

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 3.

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 all second term PDD courses: NURS 5100, 5120, 5125, 5145, and 5150.

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 3.

NURS 5285 (3 CREDITS) (2:24:0)

Clinical Nursing Practice

This nursing course provides opportunities for participants to consolidate their learning and explore the transition to professional nursing as an Internationally Educated Nurse (IEN). Students develop their nursing theory and practice skills within the classroom, nursing simulation centre, and clinical practice settings. Learning opportunities include consolidation and integration of previous learning and further development of skills related to communication, collaboration, time management, organization, critical thinking, and decision-making.

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 all third term PDD courses: 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.

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 NUTR 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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

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, or ENGL 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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

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: CMNS 1115, 1118, 2228, BUSM 1500, or ENGL 1127.

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.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

NUTR 3100 (3 CREDITS) (3:2:0)

Nutrition, Health, and Wellness

Nutrition relates to the health of individuals who are living (eating) in the context of food systems that are strongly affected by public policy choices and economic incentives around food. This course examines, interprets, and evaluates current topics in nutrition in relation to international and national health issues and policies, as well as individual food choices. It explores and analyzes aspects of health promotion, health education, and wellness for those involved in promoting healthy lifestyles. Strategies that may contribute to health and wellness such as mindfulness will also be explored.

Students who have registered in a FSRV or NUTR course twice or more must obtain approval of the department chair to register again.

Prerequisite(s): A minimum of 15 credits including a minimum "C" grade in three credits of university-transferable English or communications.

Note: This course is restricted to BBA and BRM students on a priority basis.

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 peace and conflict studies program.

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 ready 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 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 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.

NOTE

All courses may not be offered in any given semester. Regular attendance and participation are essential course requirements.

PHED 1112 (1 CREDITS) (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 CREDITS) (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 and 1125.

Prerequisite(s): A minimum "C" grade in Physics 12 or PHYS 1118, or a satisfactory score on the Physics Diagnostic Test; and MATH 1171, 1173/1183, or 1253. The MATH course may be taken concurrently with PHYS 1101.

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 Principles of Mathematics 11, Precalculus 11, or MATH 1150; or MDT 70 or higher.

PHYS 1118 (4 CREDITS) (4:0:2)

Introductory Physics

An introductory course for students with Physics 11 or equivalent. The course covers mechanics (Newton's laws), energy, momentum, geometrical optics, and electricity; use of graphs and vectors in physics; and laboratory exercises to familiarize the students with physical phenomena and instruments.

Prerequisite(s): One of the following: a minimum "B" grade in Physics 11; a minimum "C" grade in Physics 12 or PHYS 1114; or satisfactory score on Physics Diagnostic Test; and one of the following: a miniumum "C" grade in Principles of Mathematics 12, Precalculus 12, or MATH 1152; or a minimum "C-" grade in MATH 1153 or MATH 1170 (MATH 1170 may be taken concurrently).

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.

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 and 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 MATH 1171 (1173/1183) (preferred), 1253, or 1174. MATH 1171, 1173/1183, or 1253 may be taken concurrently with PHYS 1125.

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; 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.

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.

Prerequisite(s): A minimum "C" grade in PHYS 1125; or a minimum "B" grade in PHYS 1101.

Note: Students taking second year physics courses are advised to take MATH 2362, 2371, 2471 and 2475.

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, and 2328.

Prerequisite(s): A minimum "C-" grade in PHYS 1125 and 1225.

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.

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.

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.

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 peace and conflict studies program.

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 one of the following: APPL 1140; APPL 1130 and 1210; or POLI 1100, 1119, or 2250 (formerly 1150).

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.

Prerequisite(s): A minimum "C-" grade in POLI 1100, 1119, or 2229.

POLI 2245 (3 CREDITS) (3:1:0)

Canadian International Relations

This general introduction to a variety of topics in Canadian international relations (defence concerns, foreign policy, and international economics) will use competing analyses to explain Canadian actions. Examples will include NATO, NORAD, US-Canada relations, peacekeeping, policy initiatives, the UN, WTO, NAFTA, and the role of Canadian civil society. Historical context and current concerns will be emphasized.

Prerequisite(s): A minimum "C-" grade in POLI 1119, 1140, or 1145.

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 2260 (3 CREDITS) (4:0:0)

An Introduction to Democratic Socialism

A survey of socialism from the French Revolution to the present. Topics include: democracy, capitalism, Marxism, Leninism, anarchism, social democracy, globalization, social ecology.

Prerequisite(s): A minimum "C-" grade in PHIL 2226 or POLI 1160; 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): Any POLI course; or permission of the department.

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.

POLI 2280 (3 CREDITS) (3:1:0)

The Human Condition

An interdisciplinary introduction to political science in the context of psychology, anthropology, philosophy, and history, among other perspectives, exploring questions about the human condition, power, and our relationship with nature.

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)

Except for PHOT 1100, the following photography courses are restricted to students enrolled in the Diploma in Professional Photography. PHOT 1100 is open to all Langara College students.

Prerequisite(s): 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.

Priority registration in this course is offered to students enrolled in the Diploma in Professional Photography.

Students will receive credit for only one of PHOT 1105 and 1118.

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 PHOTO 1110 and 1128.

Priority registration in this course is offered to students enrolled in the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1105 (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 enrolled in the Diploma in Professional Photography.

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 enrolled in the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 1105 (may be taken concurrently).

PHOT 1150 (1 CREDITS) (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.

Priority registration in this course is offered to students enrolled in the Diploma in Professional Photography.

Corequisite(s): AHIS 1219

PHOT 1190 (1 CREDITS) (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 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.

Prerequisite(s): A minimum "C" grade in PHOT 1105, 1110, and 1125.

Priority registration in this course is offered to students enrolled in the Diploma in Professional Photography.

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 enrolled in the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in all of the following: PHOT 1105, 1110, 1120, 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 and 1248.

Priority registration in this course is offered to students enrolled in 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 and 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 CREDITS) (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, PHOT 1120, 1205, 1210, and 1225.

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 the post-production techniques driving current trends in photography and use LAB Color Space to enhance image reproduction.

Students will receive credit for only one of PHOT 2325 and 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 BUSM 1901 and MATH 1120.

Corequisite(s): PHOT 2305, 2310, and 2320.

PHOT 2425 (3 CREDITS) (3:0:2)

Digital Imaging III

Students examine advanced imaging skills and techniques as they are applied professionally. Using optically captured photographs and rendered 3D elements, students create advanced composited images and create and host a portfolio website online.

Registration in this course is restricted to students admitted to the Diploma in Professional Photography.

Prerequisite(s): A minimum "C" grade in PHOT 2305, 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. While lighting, composition, and camera control need only minor refinements, sound, editing, and controlling a timeline requires a new skill set and change in mindset. Using creative projects, students explore the possibilities of video for commercial use. Using DSLR-based equipment and software, still photographers capture motion and to create stills-based motion effects.

Students will receive credit for only one of PHOT 2348 and 2440.

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, 2320, and 2325.

PHOT 2475 (3 CREDITS) (0:3:8)

Photographic 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 suitable for building a professional portfolio. Through peer-led critique of individual work, students collaborate to achieve creative and technical goals and, with mentorship, complete an assignment for *Pacific Rim Magazine*.

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 1219, DSGN 1151, PHOT 2305, 2310, 2320, 2325, 2420, and 2425 (PHOT 2425 may be taken concurrently).

Corequisite(s): PHOT 2485

PHOT 2485 (2 CREDITS) (0:11.5:0)

Portfolio Development and Practicum

With the assistance of an instructor, students set up and complete 16 days of suitable industry field placement with two or more mentors. Using works created earlier in the program and in other courses, students display their work in a gallery show (part of the Langara Pop-Up Gallery) and establish an online presence. In addition, students 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 all of the following: AHIS 1219, PHOT 1150, 2305, 2310, 2320, 2325, and 2420.

Corequisite(s): BUSM 1902, PHOT 2425, 2475, and 2490.

PHOT 2490 (1 CREDITS) (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) (3:1:0)

Introduction to Biological, Cognitive, and Developmental Psychology

(Former title: Fundamentals of Psychology I)
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) (3:1:0)

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) (3:1:0)

Introduction to Social, Personality, and Abnormal Psychology

(Former title: Fundamentals of Psychology II)
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) (3:1:0)

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) (3:1:0)

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 enrolled in the Early Childhood Education or the Education Assistant programs.

PSYC 2319 (3 CREDITS) (3:1:0)

Psychology of the Family
Emphasizing the experience of the individual within intimate relationships, this course examines the various 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 stress are also dealt with. The final unit of the course addresses the central concerns of divorce, single parenting, and the formation of blended families.

Prerequisite(s): A minimum "C+" grade in PSYC 1115 and 1215.

PSYC 2320 (3 CREDITS) (3:1:0)

Research Methods in Psychology
Students explore theory and practice of research design, the application of statistics, and the testing of research hypotheses. Students work in groups to complete a research project.

Prerequisite(s): A minimum "C+" grade in PSYC 1115 and 1215.

PSYC 2321 (3 CREDITS) (3:1:0)

Data Analysis for Psychology
This course introduces the concepts and methods of behavioural data analysis. It focuses on the use of descriptive and inferential statistics in psychological research, and the conceptual interpretation of data.

College credit will be given for only one of STAT 1124 and PSYC 2321.

It is strongly recommended that students have completed the math requirements within three 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 one of the following: Foundations of Math 11, Principles of Math 11, Precalculus 11, or Applications of Mathematics 12 (or equivalent); a minimum "C-" grade in MATH 1150; or a satisfactory score on the Statistics Diagnostic Test.

PSYC 2322 (3 CREDITS) (3:1:0)

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) (3:1:0)

Psychology of Health and Adjustment

A study of the ways in which individuals adjust to the demands of life. The course examines the nature and sources of stress as well as responses to stress. Evaluation of the self-concept in particular the personal, social, and vocational selves will be addressed.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215.

PSYC 2324 (3 CREDITS) (3:1:0)

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 enrolled in the Early Childhood Education or the Education Assistant programs.

PSYC 2326 (3 CREDITS) (3:1:0)

Psychological Disorders

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 2328 (3 CREDITS) (3:1:0)

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 the education assistant career programs.

PSYC 2331 (3 CREDITS) (3:0:1)

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 2341 (3 CREDITS) (3:0:1)

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) (3:1:0)

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) (3:1:0)

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 enrolled in the early childhood education or the special education assistant career programs.

PSYC 2425 (3 CREDITS) (3:1:0)

Developmental Psychology (Adulthood and Aging)

This course is a study of social, emotional, personality, and cognitive development during the years of adulthood and aging. It will also deal with the psychological issues involved in such major life crises as death and dying.

Prerequisite(s): A minimum "C-" grade in PSYC 1115 and 1215.

PSYC 2426 (3 CREDITS) (3:1:0)

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) (3:1:0)

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) (3:1:0)

The Psychology of Leadership

What makes a great leader? This question has been of central interest to social psychologists and has inspired a wide range of theoretical and applied psychology research since the 1930s. Grounded in this research, PSYC 3210 will have a strong applied emphasis, encouraging students to explore fundamental issues of leadership through mini-cases, discussion, readings, self-reflection, and group exercises. Students will learn how to assess leadership situations and how best to hone and apply their own leadership skills. Relevant leaders from the community will occasionally be invited to address the class.

Prerequisite(s): A minimum "C-" grade in BUSM 2200; or PSYC 1115 and 1215.

PSYC 3220 (3 CREDITS) (2:0:2)

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

This course is an examination of the cultural forces involved in the development of a sense of self and the factors that can pose a challenge to this process. Included for consideration are topics relevant to the history of the study of culture and psychology; definitions/typologies of culture; the impact of culture on individual thought, emotion and behaviour; the identification and application of appropriate methodologies in research on cross-cultural comparisons of individual and group differences; the role of culture in the diagnosis and treatment of behavioural disorders; and strategies for facilitating constructive cross-cultural interaction.

Students will receive credit for only one of PSYC 2332 and 3230.

Prerequisite(s): A minimum "C-" grade in BUSM 2200; or PSYC 1115 and 1215.

PSYC 3240 (3 CREDITS) (3:1:0)

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)

Unless otherwise noted, the following publishing courses are restricted to students enrolled in the Diploma in Publishing.
Prerequisites for all publishing courses: Minimum "C" grade in all previous term Diploma in Publishing courses, or permission of the department.

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.

Note: 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 1115 (3 CREDITS) (3:1:0)

Writing for Publication

This course examines how to write for publication in popular media. Most lessons concentrate on magazine writing, but advertising copywriting and writing for the internet are also explored. Students generate and summarize story topics, and learn interviewing and research techniques. The focus is on gathering compelling content and writing with a tone that engages the audience.

Prerequisite(s): One of the following: a minimum of 80% in BC English 12, BC English Literature 12, BC English First Peoples 12 , or equivalent; IB English A1 (Higher Level) with a minimum score of 5; AP English Composition or Literature with a minimum score of 4; LET level 3 or higher; LPI with a minimum of 26 on the essay plus one of: 5 in English usage, 5 in sentence structure, or 10 in reading comprehension; IELTS with a minimum level 6.5 and a minimum 6.0 in Reading and Writing; TOEFL (internet-based) score of 80 with a minimum of 18 in Listening, 18 in Speaking, 20 in Reading, and 20 in Writing; TOEFL (paper-based) with a minimum of 550 with TWE (essay) score of 4.0; CAEL with a minimum of 70 overall with a minimum of 70 on essay; a minimum "C-" grade in a post-secondary English or communications course for which Langara offers university-transferable credit; or a minimum "C" grade in ENGL 1120 at Langara College.

PUBL 1120 (6 CREDITS) (6:0:2)

Graphic Design

Students are introduced to the visual communication and graphic design profession within the publishing industry through exploration of design principles and the creative process. This project-oriented course will focus on building strong visual communication skills with an emphasis on portfolio development.

Note: Students will receive credit for only one of PUBL 1120 or 1118 and 1159.

Prerequisite(s): One of the following: a minimum of 80% in BC English 12, BC English Literature 12, BC English First Peoples 12 , or equivalent; IB English A1 (Higher Level) with a minimum score of 5; AP English Composition or Literature with a minimum score of 4; LET level 3 or higher; LPI with a minimum of 26 on the essay plus one of: 5 in English usage, 5 in sentence structure, or 10 in reading comprehension; IELTS with a minimum level 6.5 and a minimum 6.0 in Reading and Writing; TOEFL (internet-based) score of 80 with a minimum of 18 in Listening, 18 in Speaking, 20 in Reading, and 20 in Writing; TOEFL (paper-based) with a minimum of 550 with TWE (essay) score of 4.0; CAEL with a minimum of 70 overall with a minimum of 70 on essay; a minimum "C-" grade in a post-secondary English or communications course for which Langara offers university-transferable credit; or a minimum "C" grade in ENGL 1120 at Langara College.

Corequisite(s): PUBL 1129 or equivalent.

PUBL 1124 (6 CREDITS) (4:2:2)

Adobe Photoshop

This assignment-intensive, hands-on course will provide a broad understanding of current imaging techniques. The interface and tools of Adobe Photoshop will be explored in-depth with topics including raw file optimization, colour correction, colour management, selections, masks, paths, retouching, compositing, sharpening and leveraging a variety of colour spaces. Preparing images for reproduction in print and electronic display will be explored thoroughly. Students will also create Actions to automate workflows.

Prerequisite(s): One of the following: a minimum of 80% in BC English 12, BC English Literature 12, BC English First Peoples 12 , or equivalent; IB English A1 (Higher Level) with a minimum score of 5; AP English Composition or Literature with a minimum score of 4; LET level 3 or higher; LPI with a minimum of 26 on the essay plus one of: 5 in English usage, 5 in sentence structure, or 10 in reading comprehension; IELTS with a minimum level 6.5 and a minimum 6.0 in Reading and Writing; TOEFL (internet-based) score of 80 with a minimum of 18 in Listening, 18 in Speaking, 20 in Reading, and 20 in Writing; TOEFL (paper-based) with a minimum of 550 with TWE (essay) score of 4.0; CAEL with a minimum of 70 overall with a minimum of 70 on essay; a minimum "C-" grade in a post-secondary English or communications course for which Langara offers university-transferable credit; or a minimum "C" grade in ENGL 1120 at Langara College.

PUBL 1129 (3 CREDITS) (3:1:1)

Page Layout Software

This course serves as a foundation to magazine design and production courses. The page layout software application used in the industry is taught, including its uses and applications as tools for graphic design and production artists, including integration with other graphics-related applications. Instruction, exercises and projects are designed to develop proficiency in using the application through mini-lesson demonstrations, in-class exercises, projects, and lab time. In addition to using the software as a creative tool, students are also introduced to preparing press-ready files for commercial printing.

Students will receive credit for only one of PUBL 1129 and 1126.

Prerequisite(s): One of the following: a minimum of 80% in BC English 12, BC English Literature 12, BC English First Peoples 12 , or equivalent; IB English A1 (Higher Level) with a minimum score of 5; AP English Composition or Literature with a minimum score of 4; LET level 3 or higher; LPI with a minimum of 26 on the essay plus one of: 5 in English usage, 5 in sentence structure, or 10 in reading comprehension; IELTS with a minimum level 6.5 and a minimum 6.0 in Reading and Writing; TOEFL (internet-based) score of 80 with a minimum of 18 in Listening, 18 in Speaking, 20 in Reading, and 20 in Writing; TOEFL (paper-based) with a minimum of 550 with TWE (essay) score of 4.0; CAEL with a minimum of 70 overall with a minimum of 70 on essay; a minimum "C-" grade in a post-secondary English or communications course for which Langara offers university-transferable credit; or a minimum "C" grade in ENGL 1120 at Langara College.

PUBL 1131 (3 CREDITS) (3:1:1)

Digital Illustration Tools and Software

In this hands-on, project-based course, students will learn to use illustration software currently used in the publishing and graphic design industries. Software applications feature precise drawing and transformation tools, layering, compound paths, colour, and typographic tools. Students will create vector-based illustrative materials, such as logos, graphics, drawings and illustrations, and icons, in black-and-white, spot, and full colour. The ability to combine illustration and photo-manipulation software is explored, while gaining familiarity with industry terms and press-ready file preparation. Students will also have an opportunity to use graphics tablets.

Prerequisite(s): One of the following: a minimum of 80% in BC English 12, BC English Literature 12, BC English First Peoples 12 , or equivalent; IB English A1 (Higher Level) with a minimum score of 5; AP English Composition or Literature with a minimum score of 4; LET level 3 or higher; LPI with a minimum of 26 on the essay plus one of: 5 in English usage, 5 in sentence structure, or 10 in reading comprehension; IELTS with a minimum level 6.5 and a minimum 6.0 in Reading and Writing; TOEFL (internet-based) score of 80 with a minimum of 18 in Listening, 18 in Speaking, 20 in Reading, and 20 in Writing; TOEFL (paper-based) with a minimum of 550 with TWE (essay) score of 4.0; CAEL with a minimum of 70 overall with a minimum of 70 on essay; a minimum "C-" grade in a post-secondary English or communications course for which Langara offers university-transferable credit; or a minimum "C" grade in ENGL 1120 at Langara College.

PUBL 1155 (3 CREDITS) (3:0:3)

Editing Theory and Techniques

Through work on *Pacific Rim Magazine* and other projects, students will engage in substantive editing, copy editing, and proofreading. Topics include content development, communication with authors, structure and organization of articles, fact checking, writing of titles and subtitles, copyright, libel, and tone and level of language. Students will create style guidelines for *Pacific Rim Magazine* and prepare copy with attention to matters of style, usage, grammar, and mechanics.

Prerequisite(s): A minimum "C" grade in PUBL 1115.

PUBL 1157 (3 CREDITS) (3:1:0)

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 publication design: books, magazines, and electronic media. This course explores the subtleties of type in relation to audience, page structure, and personal style.

Prerequisite(s): A minimum "C" grade in PUBL 1120 and 1129.

PUBL 1158 (3 CREDITS) (3:0:3)

Magazine Design

Students will take a hands-on, project-based approach to magazine design with *Pacific Rim Magazine* as the main project. Topics include publication planning, developing appropriate magazine formats, design considerations, typography and page layout, photography, and graphics considerations including stock photography and photo shoots, the make-up of a magazine, and designing advertising. The main software programs are those for print, taught in the previous semester.

Prerequisite(s): A minimum "C" grade in all previous term PUBL courses; or permission of the department.

PUBL 1161 (6 CREDITS) (5:1:3)

Magazine and Offset Print Production I

Students will build portfolio-driven colour publishing projects, with a focus on preparing materials for commercial printing. They will continue to learn industry standards for providing print-ready digital files, including type, images and illustrations, to create a magazine. Magazine workflow, planning, and organization will be explored, including prepress techniques and proofing methods required for high-quality printed publications, in preparation for producing *Pacific Rim Magazine*, the key project of Langara's Diploma in Publishing. Digital printing and current trends in electronic publication production will also be introduced. Industry tours to commercial printers, publishing houses, and other related businesses are typically scheduled in the early part of the semester.

Prerequisite(s): A minimum "C" grade in all previous term PUBL courses; or permission of the department.

PUBL 1164 (6 CREDITS) (3:0:9)

Magazine and Offset Print Production II

In this lab-intensive course, students will use skills learned in previous courses to produce the printed issue of *Pacific Rim Magazine*, the key project of the Langara Diploma in Publishing. Students will learn how to create colour proofs and assess contract proofs supplied by the commercial printer. This full-colour prepress process, one of the most sophisticated and widely-used forms of publishing, is a major focus of the Diploma in Publishing. Once the newsstand quality magazine is printed, it will be distributed throughout the Vancouver area. Other topics include preflighting publication files, working to a magazine schedule, and tracking time.

Prerequisite(s): A minimum "C" grade in all previous term PUBL courses; or permission of the department.

PUBL 1220 (6 CREDITS) (8:4:4)

Web Design Fundamentals

Students will learn to write standards-compliant HTML and CSS and author websites that "respond" to modern devices or browsers and degrade gracefully in older ones. Modern approaches to web typography and graphics will figure prominently.

Prerequisite(s): A minimum "C" grade in PUBL 1120 and 1124; or DSGN 1250 and 1255.

PUBL 1232 (3 CREDITS) (3:0:2)

Advanced Web Design

Building upon PUBL 1220 - Web Design Fundamentals - this course will introduce students to a content management system (CMS) such as WordPress. In the production of their own portfolio sites, students will learn how to design, code, maintain, and secure CMS-driven websites.

Prerequisite(s): A minimum "C" grade in PUBL 1220; or permission of the department.

PUBL 1235 (3 CREDITS) (0:2:8)

Web Production I

In this lab-intensive course, students will form development and production teams to create the current year's online version of *Pacific Rim Magazine*. The skills learned in Web Design Fundamentals (PUBL 1220) and the concurrent Advanced Web Design (PUBL 1232) will serve as the foundation for the production of langaraprm.com. A core outcome of this course will be to design and implement this database-driven site.

Prerequisite(s): A minimum "C" grade in PUBL 1220; or permission of the department.

Corequisite(s): PUBL 1232

PUBL 1240 (2 CREDITS) (1:1:0)

Publishing Issues and Practices

This course looks at publishing management practices and issues in magazine, book, corporate, and internet publishing. Topics will vary according to current publishing issues and may include circulation management, subscription fulfilment, book and magazine promotion, electronic rights, advertorials, e-books, print-on-demand, marketing to advertisers, the vanity press, split-run magazines, choice of publishing formats, stakeholder groups in corporate publishing, and government support for publications. A few classes will shift to a seminar format involving discussion of management practices pertinent to the publication of *Pacific Rim Magazine*.

PUBL 1241 (2 CREDITS) (1:0:2)

Self-Promotion in the Publishing Industry

Students learn self-promotion techniques to increase their employability and to market their work as freelancers. They develop a portfolio that highlights their specialty in design, production or editing. Other topics include business practices, market research, client negotiations, and presentation skills.

Prerequisite(s): A minimum "C" grade in all previous term PUBL courses; or permission of the department.

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 1160 (3 CREDITS) (3:1:0)

Foundations of Leisure and Recreation

This course presents a number of key concepts, issues, and topics related to the field of leisure and recreation. These include the basic history, psychology, and philosophy 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

This course is designed as an introduction to leadership techniques and theory as they relate to direct leadership of recreation activities. Students will learn skills for organizing and leading specific recreation activities, including co-operative games and group initiatives. A primary (and required) experience in this course is a four or five-day outdoor field school. There are additional costs related to this course.

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

An overview of the history, philosophy, and scope of the provision of inclusive leisure services for all members of a community. Emphasis will be placed upon identification of barriers to participation, the impact of such barriers and a plausible process for change. Examples of persons who have diverse backgrounds and abilities will be explored, as will familiarization 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

This course is an introduction to the principles of planning, designing, implementing, and evaluating recreation programs and services. This is accomplished through the application of a rational planning process involving needs and market assessment, developing objectives, value-based intentional program design models, advertising, and evaluation techniques.

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

An introduction to the design and operation of various recreation facilities and environments. Course topics include design, legislation, regulations, programming, preparation for special events, introductory human resource management, safety of environments, fiscal planning and budgeting, operations of selected facilities, and new trends and issues. It also includes field trips to selected recreation facilities and observation projects.

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

The course is designed for the student to learn fundamental supervisory skills in the areas of legal liability, labour-management relations, security, contracting out, preventative maintenance, custodial procedures, and staffing for efficient maintenance of recreation facilities. Includes field trips to selected recreation facilities and observation projects.

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

This course explores the nature of and values associated with arts and heritage in recreation. The relationships and responsibilities of recreation organizations, and of leadership personnel, to the provision and facilitation of arts and heritage opportunities will be a primary focus.

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

This course is designed to introduce students to the concepts and methods of reflective practice, niche recreation specialties, and self-directed learning. Students will "learn how to learn" from their own professionally-related experience and from the experience of others. With faculty supervision, students will develop self-directed learning plans to build their skills, knowledge, and attitudes in recreation specialty areas of their choice. Students will begin to develop and tailor "portfolios of experiences and learning" that can form the basis of their future professional development and life-long learning. 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 number is reserved for human performance and 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

This course presents a number of concepts, skills and issues related to effective leadership in recreation organizations. These include self-leadership, decision-making, group dynamics, supervision, and teamwork skills.

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

This course has two interrelated themes. The first theme involves an orientation to the students' up-coming internships (in the fourth term). This orientation will include an introduction to the duties, responsibilities and assignments of the students as interns, and the process of investigating, assessing and choosing internship placements. The second theme is the continuation of the student's portfolio development in an area of their chosen recreation specialty. With faculty supervision, the students will develop self-directed learning plans and will acquire the "essential abilities", including certifications, that are needed by all competent practitioners in the field of recreation. 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): A minimum "C-" grade in RECR 2288. This course must be taken in the term (fall semester) prior to the internship course.

RECR 2470 (3 CREDITS) (1:6:2)

Recreation Issues and Trends

Problem-based learning approach to selected trends and issues in the field of recreation, and exploring their application to recreation settings. Various research techniques are investigated and practiced to meet these goals.

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

This internship is a field-based contract with a recognized agency where the student can practice the learning outcomes of the courses from the first three semesters of the Diploma in Recreation Leadership. It is a full-time, supervised learning experience lasting for 14 weeks. Student obligations and responsibilities include both practical hours and academic research. The nature of the services provided by agencies often required flexible work schedules involving weekend and evening duty. Graded S/U.

Students will receive credit for only one of RECR 2487 and 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" 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 and 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" 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

This course focuses on the role recreation practitioners play in the development of wellness in individuals, organizations they work for, and their communities. In addition to assessing their own wellness needs and creating personal plans for a balanced lifestyle, students will learn how to assess their organizations and communities, and implement appropriate active living and wellness programs to meet these larger needs.

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

This course examines the 'advanced foundations' of leisure theory and recreation practice. It looks at key topics within the history, psychology, philosophy, and sociology of leisure, and the implications for 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 will learn to plan, organize, lead, and control small scale community events as well as large-scale festivals and multi-day events in the community. Course objectives are achieved through the application of skills in the planning and organizing of a real-life event in a recreation setting.

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

This course examines the theory and practice of enthusiastic, respectful, effective leadership in recreation. It looks at concepts and skills that can enhance positive change in groups, teams, and organizations. It also examines self-awareness, values, diversity, and creativity as they apply to 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

This course builds on previous knowledge of the role arts, culture, and heritage play in community cultural development. Students will further their skills sets to include strategic cultural planning that informs and sustains effective arts management and administration. Students will acquire historical and theoretical grounding of community cultural development in relationship to best practices and increase their comprehension of key characteristics and guiding principles in order to recognize, conceptualize and deliver successful cultural programming at a local and regional level. Students will expand their understanding for and application of partnerships, collaborative engagement, community consultation and funding opportunities in order to sustain and grow civic arts programming.

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

This course focuses on surveying the dynamic recreation system in a chosen community - ranging from health to local tourism. Using a mapping approach to baseline their own community, students will be able to compare and contrast this research to recreation systems in other communities through best practices research. Students will be able to use research factors such as demographics, values, cultures, and economics to recommend the feasibility of incorporating alternate recreation systems and relationships into their chosen community.

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

This course addresses key aspects of professionalism in the management of recreation. The characteristics of a human services professional will be outlined and then applied to the practice of recreation leadership. Using contemporary, recreation-based case studies, and building on foundational principles of the field, students will develop a framework for professional thinking and ethical decision-making.

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 3160; or permission of the department.

RECR 4270 (3 CREDITS) (3:1:0)

Management of Recreation Facility Systems

This course focuses on developing and implementing a current inventory of facilities in communities, conducting needs assessments of current and future facility requirements, and planning a strategy to best meet these facility and environment needs. Students will write a business proposal for a current or future facility and facilitate the process of implementing the proposal for construction, operation, and maintenance of facilities.

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 4300 (3 CREDITS) (1:6:0)

Applied Major Project in Recreation

Working collaboratively with fourth-year students in the BBA, students will complete a community recreation-based project in an organization. Students will work closely with an assigned instructor who will supervise the project, provide advice, and evaluate the student's performance in carrying out the research and the final report. The project can range from the preparation of a detailed 'consulting' plan, a business plan, or the development of specific program or service deliverables for a community-based municipal, regional district, or profit or non-profit organization. Students are encouraged to apply the concepts, skills, and techniques gained in previous course work. This course is considered a capstone course and is to be taken in the final semester.

Prerequisite(s): Completion of a minimum of 90 credits including a minimum "C" grade in six credits of university-transferable English or communications; or permission of the department. Students must be in their final year of the BRM and have a minimum "C" grade in BUSM 4200. BUSM 4200 may be taken concurrently with RECR 4300.

RECR 4400 (6 CREDITS) (4:12:0)

Applied Major Project

This capstone course requires each student to complete a community recreation-based project in an organization. Students will work closely with an assigned instructor who will supervise the project, provide advice, and evaluate the student's performance in carrying out the research and the final report. The project can range from the preparation of a detailed "consulting" plan, a business plan, scholarly work, or the development of specific program or service deliverables for a community-based municipal, regional district, or profit or non-profit organization. Students are encouraged to apply the concepts, skills, and techniques gained in previous course work. This course is to be taken 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 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), Taoism, Confucianism, and Shinto.

RELS 1210 (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 ASIA 2250 Buddhism.

Students who have taken ASIA 2250 cannot take RELS 1210 for further credit.

RELS 1215 (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. This course is equivalent to ASIA 2260 Asian Mythology.

Students who have taken ASIA 2260 cannot take RELS 1215 for further credit.

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, 1220, 1230, 1210, or 1215.

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 enrolled in science programs.

Students will receive credit for only one of SCIE 1113 and 1114.

Registration in this course is restricted to students admitted to the following programs: Associate of Science Degree (general program and all majors), Diploma in Arts and Science (in Faculty of Science), Diploma in General Education (in Faculty of Science), Diploma in Computer Studies, Certificate in Internet and Web Technology, Certificate in Arts and Science (Engineering), Diploma in Human Kinetics, or Diploma in Kinesiology.

Prerequisite(s): One of the following: a minimum "B" grade in English 12, English Literature 12, or English First Peoples 12; 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 enrolled in science programs.

Students will receive credit for only one of SCIE 1113 and 1114.

Registration in this course is restricted to students admitted to the following programs: Associate of Science Degree (general program and all majors), Diploma in Arts and Science (in Faculty of Science), Diploma in General Education (in Faculty of Science), Diploma in Computer Studies, Certificate in Internet and Web Technology, Certificate in Arts and Science (Engineering), Diploma in Human Kinetics, or Diploma in Kinesiology.

Prerequisite(s): One of the following: a minimum "B" grade in English 12, English Literature 12, or English First Peoples 12; IELTS 7; or LET 3 (or LPI equivalent).

Social Service Worker (SSRV)

The following social service worker courses, except SSRV 2000 and SSRV 2001, are restricted to students enrolled in 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 organising 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 CREDITS) (0:0:5)
Social Service Field Work I
A practicum placement of up to five hours a week at an individual social service community agency. The practicum requires each student 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 particular agency. Graded S/U.

SSRV 1132 (1 CREDITS) (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)
Community Response to Individual, Family, & Social Problems
Through a variety of classroom learning opportunities, including guest speakers and group discussions, students will focus on specific problem areas and the interventions of community agencies.

SSRV 1231 (5 CREDITS) (0:0:5)
Social Service Field Work II
A continuation of the practicum placement begun in SSRV 1131. In addition, students will be required to do a five week full-time block placement in a different community agency. This block placement begins after the spring semester's final exams are completed. Successful completion of Social Service Field Work I (SSRV 1131) is a prerequisite for this course.

SSRV 1232 (1 CREDITS) (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 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.

This course is open to all students, with the exception of students registered in the Certificate in Social Service Worker.

Prerequisite(s): One of the following: LET 3 (or LPI equivalent); a minimum "C+" grade in English 12, English Literature 12, or English First Peoples 12; a minimum "C" grade in CMNS 1115, ENGL 1127, or 1128; a minimum "C" grade in ENGL 1120; 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.

This course is open to all students, with the exception of students registered in the Certificate in Social Service Worker.

Prerequisite(s): One of the following: LET 3 (or LPI equivalent); a minimum "C+" grade in English 12, English Literature 12, or English First Peoples 12; a minimum "C" grade in CMNS 1115, ENGL 1127, or 1128; a minimum "C" grade in ENGL 1120; 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

Students will be 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-chances; sexuality and society; as well as understanding crime and deviance.

SOCI 1121 (3 CREDITS) (3:1:0)

Introduction to Sociology: Structures and Processes

Students will study how individuals are embedded in societal structures and processes that influence thought, feeling, and behaviour. Subjects may include race and ethnicity, family, education, religion, health and medicine, the environment, social interaction, and politics.

SOCI 1122 (3 CREDITS) (3:1:0)

Sociology through Literature

An analysis of modern sociology through selected illustrative materials from various literatures. Not offered every semester.

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 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 2200 (3 CREDITS) (3:1:0)

An Introduction to Modern Sociological Thought

An introduction to sociological theory, focusing on the key and persistent issues of the discipline. The course will consider such problems as social order versus social change, objectivity versus subjectivity, individualism versus holism, values versus facts, and other issues; it will examine the major thinkers and schools of thought in sociology in the light of what they said on these issues. This course will also be concerned with the role of theory, facts, explanations, verstehen, and models in sociological inquiry.

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

An examination of sociological theories of deviance, focusing on contemporary issues such as crime, juvenile delinquency, drug addiction, vandalism, the abuse of persons, prostitution, and mental illness. The institutional and informal systems of social control will be examined. May not be offered every semester.

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 2220 (3 CREDITS) (2:2:0)

Women and Social Structure

An analysis of the formal and informal organizational structures and social processes, including theories of socialization and of social stratification, associated with understanding the status and objective conditions of women in Canadian society.

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 Justice in Historical Perspective

An examination of society's reaction to law violations in a historical and contemporary context. Attention is focused upon religious, political, social, and philosophical thought influencing the evolution of punishment and the relationship between crime, class, and power in the development, implementation, and modification of penal methods.

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

This course provides a comprehensive overview of the distinctive, quantitative, and qualitative approaches to sociology and anthropology research. It will emphasize the practical application of research design and data collection techniques by requiring students to conduct and present their own research projects.

Prerequisite(s): A minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2233 (3 CREDITS) (3:1:0)

Sociology of Cyberspace

An examination of the social impact of modern technology on social relations, personal perceptions and the environment. The information highway will be examined in terms of the larger processes of economic globalization and the concurrent restructuring of work relations.

Prerequisite(s): A minimum "C-" grade in SOCI 1120; and a minimum "C-" grade in one of the following: ANTH 1120, SOCI 1120, 1121, or 1127.

SOCI 2240 (3 CREDITS) (3:1:0)

Contemporary Social Movements

A sociological examination of some of the major social movements, and their contesting ideologies, through which the contemporary social world is constructed. Theoretical tools will be developed to analyze movements organized around the ideas and practices of varieties of: neo-conservatism, feminism, ethno-nationalism, environmentalism, socialism, and religious fundamentalism. A cross-cultural perspective will be emphasized.

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 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 and 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, 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)

Spanish Language and Literature 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)

Spanish Language and Literature 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 Mathematics and Statistics, 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, 1181. Students may not obtain College credit for both STAT 1124 and PSYC 2321. Students may not obtain College credit for more than one of STAT 1224, 2225, 3222, and 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 here.

Note:
Listed below are the official calendar course descriptions. For further information, please contact the department of mathematics and statistics.

STAT 1123 (3 CREDITS) (3:0:1)

Basic Probability and Statistics for Business

Includes: 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; index numbers; time-series; decision theory. Intended primarily for students in two-year Langara business administration programs.

Prerequisite(s): None; a minimum "C" grade in Principles of Mathematics 11 or Precalculus 11 (or equivalent) is strongly recommended.

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.

College credit will be given for only one of the following courses: STAT 1123, 1124, or 1181.

College credit will be given for only one of the following courses: STAT 1124 or PSYC 2321.

Prerequisite(s): A minimum "C" grade in one of the following: Foundations of Mathematics 11, Precalculus 11, Foundations of Mathematics 12, or Precalculus 12; a minimum "C-" grade in MATH 1150; or MDT 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.

Prerequisite(s): A minimum "C-" grade in MATH 1153, 1171, 1173, or 1174; or equivalent (may be taken concurrently).

STAT 1182 (1 CREDITS) (1:0:2)

Using Excel in First-Term Statistics

This is an on-line 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.

STAT 1224 (3 CREDITS) (3:0:1)

Statistical Methods II

A continuation of STAT 1124. Emphasis on methods and assumptions. Topics will include elementary probability, review of estimation and hypothesis testing, Chi-square test, analysis of variance, linear regression and correlation, introduction to multiple regression, non-parametric tests. Design and data analysis, with use of computer packages.

Prerequisite(s): A minimum "C-" grade in STAT 1181, 1124, or 1127; or a minimimum "A-" grade in STAT 1123 or 1126.

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.

Prerequisite(s): A minimum "C-" grade in STAT 1181; or a minimimum "A-" grade in STAT 1124 or 1127.

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 MATH 1271, 1273, or 1274. 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 may receive credit for only one of STAT 1224, 2225, 3222, or 3223.

Prerequisite(s): A minimum "C" grade in STAT 1123, 1124, or 1181.

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.

Prerequisite(s): A minimum "C+" grade in STAT 1123 or 1124; or a minimum "C" grade in STAT 1181. One of BCAP 1200, CPSC 1000, 1010, or the equivalent is strongly recommended.

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.

Registration in this course is restricted to students admitted to the Post-Degree Diplomas in Accounting, Business Administration and Marketing Management.

Students may receive credit for only one of STAT 1123 and 4800. STAT 1123 may not be used to satisfy the STAT 4800 requirement.

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 3223 and 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 enrolled in 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 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 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 2150 (13 CREDITS) (0:0:35)
Production Skills I
Former title: Production Practicum I
Directed studies and hands-on experience in such areas as stage management, lighting, sound, video, props, set construction, costuming, publicity, theatre administration, production management, and technical direction.

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 2250 (15 CREDITS) (0:0:40)
Production Skills II
Former title: Production Practicum II
A continuation of Production Skills I.

THEA 2300 (15 CREDITS) (0:0:40)
Production Skills III
Former title: Production Practicum III
A continuation of Production Skills II.

Prerequisite(s): A minimum "C-" grade in THEA 2250.

THEA 3150 (15 CREDITS) (0:0:40)
Advanced Performance Skills I
Former title: Theatre Arts Practicum 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
Former title: Theatre Arts Practicum II
Continuation of Advanced Performance Skills I.

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.

Prerequisite(s): Acceptance into the Post-Degree Diploma in Web and Mobile App Design and Development or department permission.

WMDD 4805 (1.5 CREDITS) (2:0:1)
Introduction to Raster Graphics
Introduces the tools and techniques to create raster graphics for online delivery. Students will examine correcting colour, making selections, determining resolution requirements, and optimizing graphics as part of an integrated workflow.

Prerequisite(s): Acceptance into the Post-Degree Diploma in Web and Mobile App Design and Development or department permission.

WMDD 4810 (1.5 CREDITS) (2:0:1)
Introduction to Vector Graphics
Explores the creation of high-quality, scalable graphics designed for user interface components. Students will use a variety of tools and techniques to create vector-based icons, graphics, and illustrations.

Prerequisite(s): Acceptance into the Post-Degree Diploma in Web and Mobile App Design and Development or department permission.

WMDD 4815 (3 CREDITS) (3:0:2)
HTML/CSS I
Students will learn the fundamentals of HTML & CSS, learning to code designs that incorporate high-resolution graphics, video, grid systems, and modern typographic approaches - creating bandwidth-friendly web sites that adapt to any device they are viewed on.

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.

Prerequisite(s): Acceptance into 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 4830 (1.5 CREDITS) (2:0:1)

Introduction to Object-Oriented Programming

Students will be introduced to the fundamental principles of object-oriented analysis and design. Standard analysis and design techniques are applied using UML, and solutions are implemented using a high-level programming language. Students are introduced to manual and automated testing and version control.

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 4820.

WMDD 4835 (3 CREDITS) (3:0:2)

HTML/CSS 2

Students will further develop the skills learned in HTML/CSS I. They will incorporate into their authoring practice current production methods such as CSS preprocessors, JavaScript frameworks, and rapid-prototyping software. Most importantly, they will develop the ability to use emerging methods successfully in web design and development.

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.

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 4845 (1.5 CREDITS) (2:0:1)

Introduction to Mobile App Development

Students are introduced to the characteristics, standards, frameworks, and interface guidelines for a variety of mobile devices. Standard user interface elements and implementation of several interfaces on targeted mobile devices are discussed.

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 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 4870 (1.5 CREDITS) (2:0:1)

Project Management

Students will learn the fundamentals of traditional and agile project management methods. Specifically, they will learn how to initiate the project, organize the team, assess risk, estimate costs, schedule the work, and monitor progress. Students will be introduced to software tools commonly used for project management.

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 4880 (1.5 CREDITS) (1:0:2)

Project I

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.

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, 4805, 4810, 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 4800.

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 4900 and 4925.

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 4805, 4810, and 4900.

WMDD 4915 (3 CREDITS) (3:0:2)

Audio/Video Production

Designers need the skills to build multimedia components such as video, background soundtracks, sound effects, and animation for delivery to developers for final mobile or web apps. Students create multimedia content to support supplied UX criteria. Topics include storytelling via motion graphics, 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 4920 (3 CREDITS) (3:0:2)

Introduction to Databases

Introduction to the fundamentals of relational database design and normalization. Students will write SQL statements to create and access databases. Database projects will be embedded as the backend of a website or a mobile app.

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 4820.

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 (1.5 CREDITS) (2:0:1)

Introduction to Object-Oriented 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 4830.

WMDD 4935 (1.5 CREDITS) (1:0:2)

Server-Side Scripting

Introduction to several server-side scripting languages (e.g. PHP) and frameworks (e.g. node.js) for implementing dynamic websites. Includes: working with form data and data validation; integration with backend databases.

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 4920. WMDD 4920 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 4845 and 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 4845 and 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 grade of "C" in WMDD 4920 and 4935.

WMDD 4960 (1.5 CREDITS) (2:0:0)

Business Strategies for Creative Technologies

Examines the software industry from the perspective of an entrepreneur, developing websites and mobile applications. 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 technologies will be covered.

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 4965 (1.5 CREDITS) (2:0:1)

Social Media Strategy

Social media is an integral part of most businesses today. Designers who want to freelance or are part of a small company will need effective social media skills to promote themselves or their company. Students are introduced to fundamental principles of digital communications to promote and develop an online presence using social media and online marketing tools.

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 4960.

WMDD 4980 (3 CREDITS) (2:0:3)

Project 2

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.

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 4830, 4835, 4840, 4845, 4860, 4870, and 4880.

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.

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 one of: WMDD 4900 or 4930; and a minimum "C" grade in all of the following: WMDD 4920, 4925, 4935, 4960, 4980, and 4990.

WMDD 4990 (1.5 CREDITS) (0:3:0)

Industry Topics I

Industry speakers will discuss current topics as well as the latest trends in mobile and web design and development. The course will provide students with the opportunity to learn from leaders from a variety of sectors who will share their perspectives and insights into the state of the industry. Under the guidance of the instructor, students will be responsible for arranging the speakers.

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, 4805, 4810, 4815, 4820, and 4825.

WMDD 4992 (3 CREDITS) (0:3:0)

Directed Studies

New course as of Fall Semester 2018

The web and mobile industry requires constant learning and skill acquisition. In order to keep up-to-date, students research and learn in-depth about recent design and development tools and methodologies. In addition, under supervision, students identify a focus area of interest and acquire the ability to learn independently.

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, 4805, 4810, 4815, 4820, 4825, 4830, 4835, 4840, 4845, 4860, 4870, and 4880.

WMDD 4995 (1.5 CREDITS) (0:3:0)

Industry Topics II

In order to succeed, both designers and developers must be able to identify and converse about emerging trends in the web and mobile world. In a continuation of WMDD 4990, students independently find industry speakers and present further topics, seminar style, from their own research.

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 4990.

WMDD 4999 (1.5 CREDITS) (1:0:2)

Special Topics

In a dynamic industry such as web and mobile app development, developers must stay current with new technologies, specializations and trends. Topics focus on a defined subject within the field of web and mobile app development. The course content will change from semester to semester and will depend upon the specific expertise and interest of the instructor and topical issues related to development.

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.

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): Prerequisites 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.

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Design, and production: Langara College Communications & Marketing Services (CMS)
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