

LANGARA COLLEGE -- FIRST SEMESTER SAMPLE CURRICULUMS

DISCLAIMER: This information is exclusive to undergraduate programs. Please locate your program in this document. If your program is not listed here, please search your program directly on [Langara website](#) and you will be able to find the link of your program curriculum. Please review the classes in the suggested list and then compile a list of CRNs from the [Registration Guide](#).

Please choose your program:

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Course Index

Arts	Business	Science & Technology	Humanities & Social Sciences	Health
Aboriginal Studies	Business Computer Applications	Astronomy	Aboriginal Studies	Health Sciences
Anthropology	Business Management	Biology	Anthropology	Kinesiology
Art History	Financial Management	Chemistry	Asian Studies	Recreation
Asian Studies	International Business	Computer Science	Canadian Studies	
Canadian Studies	Marketing	Computing Science & Information Systems	Classical Studies	
Chinese		Geology	Criminology	
Classical Studies		Mathematics	Economics	
Communications		Physics	Environmental Studies	
Criminology		Statistics	Geography	
Economics			History	
English			Latin American Studies	
Environmental Studies			Peace & Conflict Studies	
Fine Arts			Philosophy	
French			Political Science	
Geography			Psychology	
Greek			Religious Studies	
History			Sociology	
Japanese			Women's Studies	
Latin				
Latin American Studies				
Peace & Conflict Studies				
Philosophy				
Political Science				
Professional Photo-Imaging				
Psychology				
Religious Studies				
Sociology				
Spanish				
Women's Studies				
NOTE: To meet prerequisite requirements for some courses, you may be required to complete Diagnostic Testing . Refer to course descriptions for further prerequisite information.				

Associate of Arts Degree

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Arts	Associate Degree	The Associate of Arts Degree requires the successful completion of a minimum 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: <ol style="list-style-type: none">1. 6 credits in first-year English¹;2. 36 credits in Arts (including a minimum of 18 credits in Arts² at the second-year level taken in two or more subject areas) which must include:<ol style="list-style-type: none">a. 6 credits in the Social Sciences;b. 6 credits in Humanities (including the Creative and Performing Arts) other than English;c. 24 additional credits in Arts;3. 9 credits in Science² which shall include at least:<ol style="list-style-type: none">a. 3 credits in Mathematics or Computing Science or Statistics;b. 3 credits in a laboratory science;4. 9 credits of first- or second-year courses;5. a minimum cumulative GPA of 2.0.	

¹ University-level English and Communications courses require [prerequisites \(click here\)](#). The English test scores you provided for the admission to college may not be sufficient unless you have completed Grade 12 English courses in Canadian high schools, or have [transferred](#) university-transferrable English course(s) with a minimum “C” grade to Langara College. It is highly recommended for new students to write the [Langara English Test \(LET\)](#) in their first semester or successfully complete [ENGL 1107](#) course with an “S” grade to meet the prerequisite requirement.

² This program may not require the completion of specific courses, but requires the completion of courses in specific categories, such as Social Science, Humanities, Science, and etc.:

- To check which category each course will meet, please refer to information on [course attribute](#) page.
- To view the attributes of a course, follow this link for the [Course Attributes](#).
- Courses that meet one of the following requirements are considered as “**Arts**” courses:
 - 2AR(second-year arts) or
 - HUM(humanities) or
 - SOC(social science).
- [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

Associate of Science Degree

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Science	Associate Degree	<p>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.</p> <p>Within the minimum 60 credits, students must complete:</p> <ol style="list-style-type: none"> 1. 6 credits of MATH¹ which shall include at least one course (3 credits) in Calculus; 2. a minimum of 36 credits of Science², which shall include at least: <ol style="list-style-type: none"> a. 3 credits in a laboratory science; b. a minimum of 18 credits in science at the second-year level taken in two or more subject areas; 3. 6 credits of first-year ENGL³; 4. 6 credits of first or second year arts other than ENGL (excluding MATH and laboratory-based science courses); 5. A minimum of 6 credits of first or second year arts, science or other university-transfer courses. 6. a minimum cumulative GPA of 2.0. <p>Register into BIOL 1115. If you are unable to register for BIOL 1115, BIOL 1111 is the prerequisite for BIOL 1115.</p> <p>Register into CHEM 1120. If you are unable to register for CHEM 1120, CHEM 1118 is the prerequisite for CHEM 1120.</p>	

¹ University-level MATH courses may require [prerequisites \(click here\)](#). If you have not completed MATH courses in a Canadian high school or have not [transferred](#) university-transferrable MATH courses to Langara College, you may have to write the [Math Diagnostic Test \(MDT\)](#) or complete preparatory courses to meet the prerequisite requirements.

² This program may not require the completion of specific courses, but requires the completion of courses in specific categories, such as Laboratory Science, University-Transfer, Science, and etc.:

- To check which category each course will meet, please refer to information on [course attribute](#) page.
- To view the attributes of a course, follow this link for the [Course Attributes](#).
- [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

³ University-level English and Communications courses require [prerequisites \(click here\)](#). The English test scores you provided for the admission to college may not be sufficient unless you have completed Grade 12 English courses in Canadian high schools, or have [transferred](#) university-transferrable English courses with a minimum "C" grade to Langara College. It is highly recommended for new students to write the [Langara English Test \(LET\)](#) in their first semester or successfully complete [ENGL 1107](#) course with an "S" grade to meet the prerequisite requirement.

Diploma in Health Science (Science)

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Health Science (Science Stream)	Diploma Degree	BIOL 1115 ¹	General Biology I
		ONLY register into BIOL 1111 If you are unable to register for BIOL 1115. BIOL 1111 is a pre-requisite for BIOL 1115.	
		ONE OF:	
		CHEM 1118 ¹	Intermediate Chemistry I
		CHEM 1120 ¹	General Chemistry I
ONLY register into CHEM 1118 If you are unable to register for CHEM 1120. CHEM 1118 is the pre-requisite for CHEM 1120.			
ONE OF:			
PHYS 1101 ¹		Physics I for Life Sciences	
STAT 1124 ¹		Statistical Methods I	

¹ This course requires [prerequisites \(click here\)](#). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a [prerequisite override](#), which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the [department](#) directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.

*If the above courses are not available, students can consider registering for up to six credits of university-transferable [elective courses\(click here\)](#). 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. To check which category each course will meet, please refer to information on [course attribute](#) page. [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

** This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Associate Degree in Health Science (Science)

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Health Science (Science Stream)	Associate Degree	BIOL 1115 ¹	General Biology I
		ONLY register into BIOL 1111 If you are unable to register for BIOL 1115. BIOL 1111 is a pre-requisite for BIOL 1115.	
		ONE OF: CHEM 1118 ¹	Intermediate Chemistry I
		CHEM 1120 ¹	General Chemistry I
		ONLY register into CHEM 1118 If you are unable to register for CHEM 1120. CHEM 1118 is the pre-requisite for CHEM 1120.	
		ONE OF: PHYS 1101 ¹	Physics I for Life Sciences
		STAT 1124 ¹	Statistical Methods I

¹This course requires [prerequisites \(click here\)](#). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a [prerequisite override](#), which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the [department](#) directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.

*Students must complete both credential ([Associate of Science](#)) and concentration ([Health Sciences](#)) requirements.

** If the above courses are not available, students can consider registering for [elective courses](#) under the Associate of Science program. Please refer to the [sample curriculum of the Associate of Science](#) program for more information.

*** This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Associate Degree in Health Science (Arts)

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Health Science (Arts Stream)	Associate Degree	<u>ONE OF:</u> ANTH 1120 SOCI 1120 PHIL 1105 SCIE 1114 ¹	Introduction to Cultural Anthropology Introduction to Sociology: Models & Concepts Biomedical Ethics Science Literacy
		<u>ONE OF:</u> HSCI 1120 ¹ HSCI 1140 ¹ HSCI 1160 ¹ HSCI 1180 ¹	Introduction to Human Sexuality & Behaviour Complementary and Alternative Medicine Global Perspectives on Health Drugs and Society
		<u>ONE OF:</u> BIOL 1115 ¹ BIOL 1111	General Biology I Concepts in Biology – Introduction to Human Biology
<p>¹ This course requires prerequisites (click here). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a prerequisite override, which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the department directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.</p> <p>*Students must complete both credential (Associate of Arts) and concentration (Health Sciences) requirements.</p> <p>** If the above courses are not available, students can consider registering for elective courses under the Associate of Arts program. Please refer to the sample curriculum of the Associate of Arts program for more information.</p> <p>*** This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara website.</p>			

Diploma in Health Science (Arts)

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Health Science (Arts Stream)	Associate Degree	ONE OF: BIOL 1115 ¹ BIOL 1111	General Biology I Concepts in Biology – Introduction to Human Biology
		ONLY register into BIOL 1111 If you are unable to register for BIOL 1115.	
		ONE OF: ANTH 1120 SOCI 1120 SCIE 1114 ¹	Introduction to Cultural Anthropology Introduction to Sociology: Models & Concepts Science Literacy
		OPTIONAL ²	Any University Transferable Course(s) ²
		ONE OF: HSCI 1120 ¹ HSCI 1140 ¹ HSCI 1160 ¹ HSCI 1180 ¹	Introduction to Human Sexuality & Behaviour Complementary and Alternative Medicine Global Perspectives on Health Drugs and Society

¹This course requires [prerequisites \(click here\)](#). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a [prerequisite override](#), which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the [department](#) directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.

²This program requires the completion of 24 credits of university-transferable [elective courses \(click here\)](#). 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. Electives should include a minimum of five and a 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.

* This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

** To determine which courses are considered university-transferable, please refer to information on [course attribute](#) page. [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

Diploma in Kinesiology

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Kinesiology	Diploma	KINS 1100	Biodynamics of Physical Activity
		KINS 1120	Health and Exercise Management
		KINS 2030	Physical Activity, Health and Wellness
		ELECTIVE ¹	KINS or university-transferable electives ¹

¹This program requires the completion of 15 credits of KINS or university-transferable [elective courses \(click here\)](#). To determine which courses are considered university-transferable, please refer to information on [course attribute](#) page. [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

*Students in the Kinesiology program are expected to register for courses with English language [prerequisites](#) in their second semester. The English test scores you provided for the admission to college may not be sufficient unless you have completed Grade 12 English courses in Canadian high schools, or have [transferred](#) university-transferable English course(s) with a minimum “C” grade to Langara College. New students are highly recommended to take the [Langara English Test \(LET\)](#) before the registration period for their second semester begins, or to successfully complete the ENGL 1107 course with a grade of 'S' in their first semester to meet the prerequisite requirements.

**This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Associates Degree in Asian Studies

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Asian Studies	Associate Degree	any university-transferable CHIN or JAPN courses ¹	
		ONE OF:	
		ASIA 1100	Introduction to Traditional Asia
		ASIA 1101	Introduction to Modern Asia
		OPTIONAL ²	

¹This program requires the completion of six credits of any university-transferable [CHIN](#) or [JAPN](#) courses

² Students must complete both credential ([Associate of Arts](#)) and concentration ([Asian Studies](#)) requirements. Students can choose [elective courses](#) based on the program curriculum of Associate of Arts program. Please refer to the [sample curriculum of the Associate of Arts](#) program for more information.

* This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Diploma in Asian Studies

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Asian Studies	Associate Degree	any university-transferable CHIN or JAPN courses ¹	
		ONE OF:	
		ASIA 1100	Introduction to Traditional Asia
		ASIA 1101	Introduction to Modern Asia
		OPTIONAL ²	

¹ This program requires the completion of six credits of any university-transferable [CHIN](#) or [JAPN](#) courses

² Students must complete both credential ([Diploma in Arts and Science](#)) and concentration ([Asian Studies](#)) requirements. Students can choose [elective courses](#) based on the program curriculum of [Diploma in Arts and Science](#) program. This program may not require the completion of specific courses, but requires the completion of courses in specific categories, such as Social Science, Humanities, Science, etc.:

- To check which category each course will meet, please refer to information on [course attribute](#) page.
- To view the attributes of a course, follow this link for the [Course Attributes](#).
- [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

* This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Associate Degree in Geography

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Geography	Associate Degree	ONE OF: GEOG 1180 GEOG 1190 GEOG 1111 GEOL 1107	Our Changing Environment: Climate and Ecosystems Our Changing Environment: Water and Landscapes Introduction to Physical Geography: Planet Earth Dynamic Earth
		TWO OF: GEOG 1110 GEOG 1120 GEOG 1130 GEOG 1150 GEOG 1155 GEOG 1160	Introduction to Human Geography Regional Geography of Canada Urban Geography Geography of British Columbia Environmental Geography Geographies of Asia-Pacific
		OPTIONAL ¹	

¹ Students must complete both credential ([Associate of Arts](#)) and concentration ([Geography](#)) requirements. Students can choose [elective courses](#) based on the program curriculum of Associate of Arts program. Please refer to the [sample curriculum of the Associate of Arts](#) program for more information.

* This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Associate Degree in History

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
History	Associate Degree	<u>ONE or TWO OF:</u>	
		HIST 1115	The Modern World: 1900–1945
		HIST 1116	Colonies and Conflict: Canada to 1867
		HIST 1119	American History (From Early Colonies to the Civil War)
		HIST 1126	Forging a Nation: Canada since 1867
		HIST 1130	The Modern World: 1945 to the Present
		OPTIONAL ¹	
¹ Students must complete both credential (Associate of Arts) and concentration (History) requirements. Students can choose elective courses based on the program curriculum of Associate of Arts program. Please refer to the sample curriculum of the Associate of Arts program for more information.			
* This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara website .			

Associate Degree in Political Science

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Political Science	Associate Degree	<u>ONE OR TWO OF:</u> POLI 1100 POLI 1119 POLI 1140 POLI 1145 POLI 1160	Introduction to Government and Politics Canadian Politics and Government Introduction to International Relations Peace and Conflict in the Modern World Contemporary Ideologies
		OPTIONAL ¹	

¹ Students must complete both credential ([Associate of Arts](#)) and concentration ([Political Science](#)) requirements. Students can choose [elective courses](#) based on the program curriculum of Associate of Arts program. Please refer to the [sample curriculum of the Associate of Arts](#) program for more information.

* This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Associate Degree in Psychology

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Psychology	Associate Degree	<u>ONE OR TWO OF:</u>	
		PSYC 1115	Introduction to Biological, Cognitive, and Developmental Psychology
		PSYC 1215	Introduction to Social, Personality, and Abnormal Psychology
			<i>You may take PSYC 1115 or PSYC 1215 in any order in different semesters or they can be taken at the same time.</i>
		OPTIONAL ¹	
¹ Students must complete both credential (Associate of Arts) and concentration (Psychology) requirements. Students can choose elective courses based on the program curriculum of Associate of Arts program. Please refer to the sample curriculum of the Associate of Arts program for more information.			
* This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara website .			

Diploma in Biology

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Biology	Diploma	BIOL 1115 ¹	General Biology I
		ONLY register into BIOL 1111 , BIOL 1118 , OR BIOL 1218 If you are unable to register for BIOL 1115. BIOL 1111 , BIOL 1118 , OR BIOL 1218 are a pre-requisite for BIOL 1115.	
		ONE OF:	
		CHEM 1120 ¹	General Chemistry I
		ONLY register into CHEM 1118 If you are unable to register for CHEM 1120. CHEM 1118 is the pre-requisite for CHEM 1120.	
		ONE OF:	
		SCIE 1113 ¹	Intensive Science Literacy
		SCIE 1114 ¹	Science Literacy

¹This course requires [prerequisites \(click here\)](#). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a [prerequisite override](#), which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the [department](#) directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.

* If the above courses are not available, or if you are not eligible to register due to prerequisites, you can consider registering for [elective courses](#). This program requires the completion following electives:

- 6 credits of first-year university-transferable [MATH](#) or [STAT](#) courses (Suggested courses are [MATH 1162](#) or [1170](#) and [STAT 1123](#).)
- 12-16 credits of university-transferable science electives (may be additional [BIOL](#) courses)
- 6 credits of university-transferable arts courses

To determine which courses are considered university-transferable, please refer to information on [course attribute](#) page. [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

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Associate Degree in Biology

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Biology	Associate degree	BIOL 1115 ¹	General Biology I
		ONLY register into BIOL 1111 , BIOL 1118 , OR BIOL 1218 If you are unable to register for BIOL 1115. BIOL 1111 , BIOL 1118 , OR BIOL 1218 are a pre-requisite for BIOL 1115.	
		CHEM 1120 ¹	General Chemistry I
		ONLY register into CHEM 1118 If you are unable to register for CHEM 1120. CHEM 1118 is the pre-requisite for CHEM 1120.	
		PHYS 1101 ¹	Physics 1 for Life Sciences
		PHYS 1125 ¹	Physics I with Calculus
		ONLY register into PHYS 1118 If you are unable to register for PHYS 1101 or PHYS 1125. PHYS 1118 is the pre-requisite for PHYS 1101 or PHYS 1125.	

¹This course requires [prerequisites \(click here\)](#). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a [prerequisite override](#), which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the [department](#) directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.

* If the above courses are not available, or if you are not eligible to register due to prerequisites, you can consider registering for [elective courses](#). This program requires the completion of 6 credits of first- or second-year arts other than [ENGL](#) (excluding [MATH](#) and laboratory-based science courses). To check which courses are considered as first- or second-year arts courses, please refer to information on [course attribute](#) page. [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

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Associate Degree in Bioinformatics

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Bioinformatics	Associate Degree	BIOL 1115 ¹	General Biology I
		ONLY register into BIOL 1111 , BIOL 1118 , OR BIOL 1218 If you are unable to register for BIOL 1115 . BIOL 1111 is a pre-requisite for BIOL 1115 .	
		CHEM 1120 ¹	General Chemistry I
		ONLY register into CHEM 1118 If you are unable to register for CHEM 1120 . CHEM 1118 is the pre-requisite for CHEM 1120 .	
		CPSC 1150 ²	Program Design
		OPTIONAL ³	ONLY register if the above courses are not available.

¹ This course requires [prerequisites \(click here\)](#). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a [prerequisite override](#), which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the [department](#) directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.

² This program requires the completion of MATH and CPSC courses, each with specific prerequisites. To meet these requirements, students who have not completed the Canadian high school curriculum may need to take the [Math Diagnostic Test \(MDT\)](#). Students who do not meet the prerequisites are strongly encouraged to take the in-person [MDT](#) as soon as they arrive in Vancouver, during their first semester.

³ This program requires the completion of 6 credits of university-transferable (UT) arts and 3 credits of university-transferable (UT) courses. To check which courses are considered as first- or second-year arts courses, please refer to information on [course attribute](#) page. [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system. Students may consider meeting the UT requirement by completing the necessary prerequisite course(s) for [BIOL 1115](#), [CHEM 1120](#), [CPSC 1150](#), or others.

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Diploma in Bioinformatics

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Bioinformatics	Diploma	BIOL 1115 ¹	General Biology I
		ONLY register into BIOL 1111 , BIOL 1118 , OR BIOL 1218 If you are unable to register for BIOL 1115. BIOL 1111 , BIOL 1118 , OR BIOL 1218 are a pre-requisite for BIOL 1115.	
		CHEM 1120 ¹	General Chemistry I
		ONLY register into CHEM 1118 If you are unable to register for CHEM 1120. CHEM 1118 is the pre-requisite for CHEM 1120.	
		CPSC 1030	Web Development I
		OPTIONAL ²	
<p>¹This course requires prerequisites (click here). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a prerequisite override, which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the department directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.</p> <p>² This program requires the completion of 6 credits of university-transferable elective courses (click here). To determine which courses are considered university-transferable, please refer to information on course attribute page. Academic Support Series provides course attribute video to help students understand the course attributes system.</p> <p>* This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara website.</p>			

Associate Degree in Chemistry

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Chemistry	Associate Degree	CHEM 1120 ¹	General Chemistry I
		ONLY register into CHEM 1118 If you are unable to register for CHEM 1120. CHEM 1118 is the pre-requisite for CHEM 1120. The Math Diagnostic Test (MDT) ² is required for CHEM 1120. It is important to appear in MDT during the 1st semester.	
		ONE OF: PHYS 1101 ¹	Physics I for Life Sciences
		PHYS 1125 ¹	Physics I with Calculus
		OPTIONAL ³	

¹ This course requires [prerequisites \(click here\)](#). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a [prerequisite override](#), which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the [department](#) directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.

² Some science courses may require [prerequisites \(click here\)](#). If you have not completed MATH courses in a Canadian high school or have not [transferred](#) university-transferrable MATH courses to Langara College, you may have to write the [Math Diagnostic Test \(MDT\)](#) or complete preparatory courses to meet the prerequisite requirements.

³ Students must complete both credential ([Associate of Science](#)) and concentration ([Chemistry](#)) requirements. If core courses are not available, students can consider registering for [elective courses](#) under the Associate of Science program. Please refer to the [sample curriculum of the Associate of Science](#) program for more information.

* This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Diploma in Chemistry

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Chemistry	Diploma	CHEM 1120 ¹	General Chemistry I
		ONLY register into CHEM 1118 If you are unable to register for CHEM 1120. CHEM 1118 is the pre-requisite for CHEM 1120. The Math Diagnostic Test (MDT) ² is required for CHEM 1120. It is important to appear in MDT during the 1st semester.	
		ONE OF:	
		SCIE 1113 ¹	Intensive Science Literacy
		SCIE 1114 ¹	Science Literacy
		CMNS 1115 ¹	Interpersonal Communications
		CMNS 1118 ¹	Written Communications
		OPTIONAL ³	

¹ This course requires [prerequisites \(click here\)](#). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a [prerequisite override](#), which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the [department](#) directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.

² Some science courses may require [prerequisites \(click here\)](#). If you have not completed MATH courses in a Canadian high school or have not [transferred](#) university-transferrable MATH courses to Langara College, you may have to write the [Math Diagnostic Test \(MDT\)](#) or complete preparatory courses to meet the prerequisite requirements.

³ This program requires the completion of following [elective courses \(click here\)](#):

- 12 credits of university-transferable arts courses
- 9-15 credits of university-transferable science courses

To check which courses are considered as university-transferable arts or science courses, please refer to information on [course attribute](#) page. [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

* This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Associate Degree of Physics

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Physics	Associate Degree	PHYS 1125 ¹ AND	Physics I with Calculus
		<u>ONE OF:</u> MATH 1171 ¹ ; or	Calculus 1
		MATH 1173 ¹ AND MATH 1183	Calculus 1 with Computer Explorations (1173) AND Computer Explorations for Calculus 1 (1183)
		Physics Diagnostic Test (PDT) ² is required for PHYS 1125.	
		Math Diagnostic Test (MDT) ³ may be required for MATH 1171	
		CPSC 1050	Introduction to Computer Science
		<u>ONE OF:</u> CHEM 1118 ¹ CHEM 1120 ¹ ASTR 1102 ¹	Intermediate Chemistry General Chemistry I Introduction to Stars and Galaxies
		ONLY register into CHEM 1118 If you are unable to register for CHEM 1120. CHEM 1118 is the pre-requisite for CHEM 1120.	
		Second year courses are only offered in the Fall and Spring.	

¹ This course requires [prerequisites \(click here\)](#). Please check whether you meet the prerequisites listed on the course description before you register for courses. The system will not allow you to register for this course if you do not meet one of the listed prerequisite requirements. If you think your previous academic history may be equivalent to one of prerequisite requirements, you may be eligible for a [prerequisite override](#), which allows you to register for courses without meeting the prerequisite listed on the course description. To be reviewed for the prerequisite override, please contact the [department](#) directly with your student ID number, the course number, and the copy of your academic transcript. Kindly note that the override is not guaranteed as it will be issued only if your academic history meets the criteria.

² Some science courses may require [prerequisites \(click here\)](#). If you have not completed Physics courses in a Canadian high school or have not [transferred](#) university-transferrable Physics courses to Langara College, you may have to write the [Physics Diagnostic Test \(PDT\)](#) or complete preparatory courses to meet the prerequisite requirements.

³ Some science courses may require [prerequisites \(click here\)](#). If you have not completed MATH courses in a Canadian high school or have not [transferred](#) university-transferrable MATH courses to Langara College, you may have to write the [Math Diagnostic Test \(MDT\)](#) or complete preparatory courses to meet the prerequisite requirements.

* Students must complete both credential ([Associate of Science](#)) and concentration ([Physics](#)) requirements. If core courses are not available, students can consider registering for [elective courses](#) under the Associate of Science program. Please refer to the [sample curriculum of the Associate of Science](#) program for more information.

** This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Associate Science Degree in Food and Nutrition

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Food and Nutrition	Associate Degree	NUTR 2112	Nutrition I
		AND NUTR 2212	Nutrition II
		Option 1: ONE OF: FSRV 3114 FSRV 3214 FSRV 1113 FSRV 1213	Food Production - Standards of Quality I Food Production - Standards of Quality II and Recipe Development Food Service Systems Production and Service Systems
		<ul style="list-style-type: none"> FSRV 3114 (online only) is available in the Summer semester only at present. FSRV 3214 (online only) is available in the Fall semester only at present. FSRV 1113 (online only) is available in the Fall and Spring semesters (subject to change). FSRV 1213 is available in the Fall and Spring semesters (subject to change). 	
		Option 2: ANTH 1120	Introduction to Cultural Anthropology
		Option 3: PSYC 1115 AND PSYC 1215	Introduction to Biological, Cognitive, and Developmental Psychology Introduction to Social, Personality, and Abnormal Psychology
		Option 4: SOCI 1120 AND SOCI 1121	Introduction to Sociology: Models and Concepts Introduction to Sociology: Structures and Processes
		Option 5: BIOL 1111 OR BIOL 1115	Concepts in Biology General Biology I Only take BIOL 1111 if you do not have the prerequisite requirements for BIOL 1115 . BIOL 1111 is not a required course.
		Option 5: ENGL 1107 ***	Language and Composition I ONLY take ENGL 1107 if you have not achieved LET level 3 or equivalent.
		Option 6: BIOL 1111 OR BIOL 1115	Concepts in Biology General Biology I

*Pick any three courses from the above chart.

** This program requires the completion of 6 credits of university-transferable [MATH](#) which shall include at least one calculus course. If you have not completed MATH courses in a Canadian high school or have not [transferred](#) university-transferrable MATH courses to Langara College, you may have to write the [Math Diagnostic Test \(MDT\)](#) in your first semester or complete preparatory courses to meet the [prerequisites \(click here\)](#) requirements.

*** This program includes courses, such as university-level English, Communications or some of Business courses, that require language [prerequisites](#). The English test scores you provided for the admission to college may not be sufficient unless you have completed Grade 12 English courses in Canadian high schools, or have [transferred](#) university-transferrable English courses with a minimum “C” grade to Langara College. It is highly recommended for new students to write the [Langara English Test \(LET\)](#) in their first semester and achieve Score 3 or successfully complete [ENGL 1107](#) course with an “S” grade to meet the prerequisite requirement.

**** This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Diploma in Nutrition and Food Service Management

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Nutrition & Food Service Management	Diploma Degree	NUTR 2112	Nutrition I
		AND NUTR 2212	Nutrition II
		FSRV 1113	Food Service Systems
		AND FSRV 1213	Production and Service Systems
		<ul style="list-style-type: none">• FSRV 3114 (online only) is available in the Summer semester only at present.• FSRV 3214 (online only) is available in the Fall semester only at present.• FSRV 1113 (online only) is available in the Fall and Spring semesters (subject to change).• FSRV 1213 is available in the Fall and Spring semesters (subject to change).	
		BUSM 1100	Introduction to Business in Canada
		BUSM 1500	Business Presentation Skills
		BIOL 1111	Concepts in Biology: Introduction to Human Biology
		ONE OF: PSYC 1115	Introduction to Social, Personality, and Abnormal Psychology
		OR PSYC 1215	Introduction to Sociology: Models and Concepts
		ENGL 1107 **	Language and Composition I
ONLY take ENGL 1107 if you have not achieved LET level 3 or equivalent.			
<p>* Pick any three courses from the above chart.</p> <p>** This program includes courses, such as university-level English, Communications or some of Business courses, that require language prerequisites. The English test scores you provided for the admission to college may not be sufficient unless you have completed Grade 12 English courses in Canadian high schools, or have transferred university-transferrable English courses with a minimum “C” grade to Langara College. It is highly recommended for new students to write the Langara English Test (LET) in their first semester and achieve Score 3 or successfully complete ENGL 1107 course with an “S” grade to meet the prerequisite requirement.</p> <p>*** This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara website.</p>			

Associate of Science: Computer Science

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Computer Science	Associate Degree	CPSC 1050	Introduction to Computer Science
		ELECTIVE ¹	university-transferable arts courses (excluding CMNS , ENGL , and MATH)
		ELECTIVE ¹	university-transferable electives, at least one of which is a lab science

¹ This program requires the completion of following [elective courses](#):

- 6 credits of university-transferable arts courses (excluding [CMNS](#), [ENGL](#), and [MATH](#))
- 6 credits of second-year science courses
- 12 credits of university-transferable electives, at least one of which is a lab science.

To check which courses are considered as arts, science, lab science, and university-transferable courses, please refer to information on [course attribute](#) page. [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

* This program includes MATH courses that require [prerequisites \(click here\)](#). If you have not completed MATH courses in a Canadian high school or have not [transferred](#) university-transferrable MATH courses to Langara College, you may have to write the [Math Diagnostic Test \(MDT\)](#) or complete preparatory courses to meet the prerequisite requirements. It is highly recommended for students to write the MDT in their first semester, so they can meet the prerequisite requirements before the future registration begins.

** Some courses, such as university-level English, Communications or some of science courses, require language [prerequisites](#). The English test scores you provided for the admission to college may not be sufficient unless you have completed Grade 12 English courses in Canadian high schools, or have [transferred](#) university-transferrable English courses with a minimum "C" grade to Langara College. It is highly recommended for new students to write the [Langara English Test \(LET\)](#) in their first semester or successfully complete [ENGL 1107](#) course with an "S" grade to meet the prerequisite requirement.

NOTE: This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Diploma: Computer Studies

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Computer Studies	Diploma Degree	CPSC 1030	Web Development I
		CPSC 1050	Introduction to Computer Science
		BUSM 1500	Business Presentation Skills

¹ This program requires the completion of following [elective courses](#):

- 3 credits of 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)
- 9 credits of electives from [CPSC](#) or [CSIS](#) numbered above 2000
- 12 credits of university-transferable electives from any department, one of which must be numbered 2000 or above.

To check which courses are considered as arts, science and university-transferable courses, please refer to information on [course attribute](#) page. [Academic Support Series](#) provides [course attribute video](#) to help students understand the course attributes system.

* This program includes MATH courses that require [prerequisites \(click here\)](#). If you have not completed MATH courses in a Canadian high school or have not [transferred](#) university-transferrable MATH courses to Langara College, you may have to write the [Math Diagnostic Test \(MDT\)](#) or complete preparatory courses to meet the prerequisite requirements. It is highly recommended for students to write the MDT in their first semester, so they can meet the prerequisite requirements before the future registration begins.

** Some courses, such as university-level English, Communications or some of science courses, require language [prerequisites](#). The English test scores you provided for the admission to college may not be sufficient unless you have completed Grade 12 English courses in Canadian high schools, or have [transferred](#) university-transferrable English courses with a minimum “C” grade to Langara College. It is highly recommended for new students to write the [Langara English Test \(LET\)](#) in their first semester or successfully complete [ENGL 1107](#) course with an “S” grade to meet the prerequisite requirement.

NOTE: This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara [website](#).

Certificate in Art History

First Semester Sample Curriculum

Program	Credential	Course Number	Course Name
Art History	Certificate	Select any THREE from the following:	
		AHIS 1111	Worldviews: A Global Approach to Art
		AHIS 1112	Visual Culture I
		AHIS 1212	Visual Culture II
		AHIS 1214	Western Art: Renaissance to the Present
		AHIS 1316	Art and Intersectionality
		AHIS 1118	Art of Renaissance Italy
		AHIS 1301	Modern Art I
		AHIS 1302	Modern Art II
NOTE: This is a sample program curriculum for your first semester, for further information please refer to the specific program curriculums available on the Langara website .			

Associate of Arts in English

Associate of Arts in Creative Writing

Students should be working toward the general requirements for the [Associate of Arts degree](#). If students do not have any prerequisites, **they should take [ENGL 1107](#) or plan to write the [Langara English Test \(LET\)](#) in their first semester** to establish prerequisites for university-transferrable English courses. The English test scores that students provided for the admission to college are not sufficient unless they have completed Grade 12 English courses in Canadian high schools (with a final grade of 70% or higher), or have [transferred](#) university-transferrable English courses with a minimum “C” grade to Langara College. They could also work on their Arts and Science credits by taking courses in any of the divisions listed above that do not have [prerequisites](#). There is a wide range of courses in these disciplines that could be combined for a first-semester timetable.