Columbia College

FIND YOUR VOICE

Academic Calendar 2024-2025

Mission

Columbia College is BC's oldest university transfer educational institution. Our mission is to foster student success, build a desire for lifelong learning, and provide pathways to higher education. Columbia College nurtures community engagement and prepares international students for life in Canada. Through teaching excellence and a commitment to student support, the Columbia College community values an inclusive and mutually respectful learning environment.

Vision

An inclusive society where students can access the education of their choice and contribute to positive social change.

Values

1) Culture of Democratic Equality
2) Culture of Safety
3) Culture of Reciprocity
4) Culture of Excellence
5) Culture of Justice

Membership and Accreditation

Canadian Bureau of International Education (CBIE)
Colleges and Institutes Canada (CICan)
Association of Registrars of Universities and Colleges of Canada (ARUCC)
Federation of Independent School Associations (FISA)
Languages Canada

- Columbia College's Associate Degree Programs are offered under the written consent of the Minister of Advanced Education of British Columbia. The College is a provincially authorized degree granting institution and is subject to and compliant with the security requirements as set out in the Degree Authorization Act (B.C. Reg. 405/2003) of the BC Government Ministry of Advanced Education Skills and Training.
- Columbia College's Senior Secondary Program is certified by the province of British Columbia. As a group for independent Secondary school, Columbia College is compliant with binding requirements as set out in the Independent School Act Regulations (B.C. Reg. 262/89) of the BC Government Ministry of Education Skills and Training.
- Columbia College is incorporated as a Non-Profit Society under the Societies Act of British Columbia and is a registered charity with the Canadian Revenue Agency.
- Columbia College's English for Academic Purposes Program is accredited by Languages Canada.
- Columbia College has met the EQA eligibility requirements as set by the British Columbia Ministry of Advanced Education.
- Columbia College is a full member of the College's and Institutes Canada and the Canadian Bureau of International Education.

Updated 10/27/2023

TABLE OF CONTENTS

Columbia College reserves the right to make changes to the information in this Calendar without notice. This Calendar is intended to provide information about Columbia College, and every effort has been made to be accurate at the time of printing. Actual courses, curricula, policies, procedures, regulations and requirements will take precedence over the Calendar, as these areas are under continual review.

While every effort has been taken in the preparation of the information contained in this document, Columbia College does not and cannot guarantee its accuracy. Recent revisions are included in our on-line calendar: https://www.columbiacollege.ca

2023-24 ACADEMIC SCHEDULE

FALL SEMESTER 2023

Aug 14-16	Early Registration for continuing High School students.
Aug 16-21	Early Registration for continuing UT students.
Aug 23-Sept 1	Orientation and Registration for new students.
Sep 4	**Labour Day. College Closed.**
Sep 5	Fall 2023 classes start.
	First day of course changes. First day of late registration.
Sep 11	Last day to register. Last day to add or change courses.
	Last day to drop classes.
	Last day to claim refunds (subject to Refund Policies).
Sep 30, Oct 2	**National Day for Truth & Reconciliation. College Closed Saturday and Monday.**
Oct 9 & 10	**Thanksgiving Day. College Closed Monday and Tuesday.**
Oct TBD	**BCTF PRO D Day for High School Instructors. High School classes Cancelled.**
Nov 6	Last day for course withdrawals.
Nov 10 & 11	**Remembrance Day. College Closed Friday and Saturday.**
Dec 2	Last day of classes.
Dec 4-9	Final Exams.
Dec 11-13	Registration for continuing High School students.
Dec 13-18	Early Registration for continuing UT students.
Dec 19-22	Orientation and Registration for new students.
Dec 25-30	**Christmas Break. College Closed.**
Jan 1, (2024)	**New Year Break. College Closed.**
Jan 2-Jan 5 (2024)	Orientation and Registration for new students.
Jan 8 (2024)	Winter 2024 classes start.

WINTER SEMESTER 2024

Dec 11-13 (2023)	Registration for continuing High School students.
Dec 13-18 (2023)	Early Registration for continuing UT students.
Dec 19-22 (2023)	Orientation and Registration for new students.
Dec 25-30 (2023)	**Christmas Break. College Closed.**
Jan 2-Jan 5	Orientation and Registration for new students.
Jan 8	Winter 2024 classes start Monday.
	First day of course changes. First day of late registration.
Jan 15	Last day to register. Last day to add or change courses.
	Last day to drop courses.
	Last day to claim refunds (subject to Refund Policies).
Feb 17 & 19	**Family Day. College Closed Saturday and Monday.**
Feb 21	**Professional Development Day. Classes Cancelled.**
Mar 11	Last day for course withdrawals.
Mar 14	**Limitless: Student Conference. UT Classes Cancelled.**
Mar 29	**Good Friday. College Closed.**
Apr 6	Last day of classes.
Apr 8-13	Final Exams.
Apr 15-17	Registration for continuing High School students.
Apr 17-22	Early Registration for continuing UT students.
Apr 24-May 3	Orientation and Registration for new students.
May 6	Summer 2023 classes start.

SUMMER SEMESTER 2024

Apr 15-17	Registration for continuing High School students.
Apr 17-22	Early Registration for continuing UT students.
Apr 24-May 3	Orientation and Registration for new students.
May 6	Summer 2023 classes start.
	First day of course changes. First day of late registration.
May 13	Last day to register. Last day to add or change courses.
	Last day to drop classes.
	Last day to claim refunds (subject to Refund Policies).
May 20	**Victoria Day. College Closed.**
June 29 & Jul 1	**Canada Day. College Closed Saturday and Monday.**
Jul 8	Last day for course withdrawals.
Aug 3	Last day of classes.
Aug 5	**BC Day. College Closed.**
Aug 6-10& Aug 12	Final Exams.
Aug 14-16	Registration for continuing High School students.
Aug 19-22	Early Registration for continuing UT students.
Aug 26-Sept 6	Orientation and Registration for new students.
ddSep 2	**Labour Day. College Closed.**
Sep 9	Fall 2023 classes start.

FALL SEMESTER 2024

Aug 14-16	Registration for continuing High School students.
Aug 19-22	Early Registration for continuing UT students.

Aug 26-Sept 6	Orientation and Registration for new students
Sep 2	**Labour Day. College Closed.**
Sep 9	Fall 2023 classes start. First day of course changes. First day of late registration.
Sep 16	Last day to register. Last day to add or change courses. Last day to drop classes. Last day to claim refunds (subject to Refund Policies).
Sep 30	**National Day for Truth & Reconciliation. College Closed.**
Oct 12 & 14	**Thanksgiving Day. College Closed Saturday and Monday.**
Oct TBD	**BCTF PRO D Day for High School Instructors. High School classes Cancelled.**
Nov 4	Last day for course withdrawals.
Nov 11	**Remembrance Day. College Closed.**
Dec 7	Last day of classes.
Dec 9-14	Final Exams.
Dec 16-18	Registration for continuing High School students.
Dec 18-23	Early Registration for continuing UT students.
Dec 24-28	**Christmas Break. College Closed.**
Dec 30	Orientation and Registration for new students.
Dec 31, Jan 1	New Year Break. College Closed.
Jan 2-10 (2025)	Orientation and Registration for new students.
Jan 13 (2025)	Winter 2025 classes start.

APPLICATION PROCEDURE

All written inquiries relating to admission should be sent to:

Admissions, Columbia College
438 Terminal Avenue
Vancouver, British Columbia
Canada, V6A 0C1

E-mail inquiries may be made at:

admin@columbiacollege.ca

Local inquirers should telephone 604-683-8360 and arrange to speak to an Admissions Officer.

Procedure

Apply on-line at www.columbiacollege.ca. The following documents should be submitted:

- transcripts of the most recent school results
- copy of passport personal information page
- standard English test (IELTS, TOEFL, etc.) results if available

Original copies or notarized copies of the above documents are required for the purpose of admission to Columbia College. The College processes applications upon receipt and issues successful applicants an Offer of Admission within 5-10 business days. Applicants are expected to then pay the required tuition deposit (see 'Fees'); upon receipt of this deposit an official Letter of Acceptance will be issued. There is an Application Fee of $200.00 (which includes all testing fees).

Study Permits

Successful overseas applicants should present their Letter of Acceptance to the nearest Canadian High Commission, Embassy, or Consulate in their country as part of the application for a Study Permit to study in Canada. Applicants should allow adequate time for processing of the Permit. International students should note that:

- International students in Canada may only study at a Designated Learning Institution (DLI). Columbia College is a DLI.
- Students are required to **actively pursue** their studies while in Canada.
- Full-time students studying at the post-secondary level are usually allowed to accept part-time off-campus employment in Canada.
- Study Permits may not be required for ESL-only programs of less than or equal to six months duration.

Tuition Deposits

As enrollment is limited, a tuition fee deposit is required to guarantee a place for future semesters. All applicants should read the pages on Fees and Refund Policies.

Payment of Fees[5]
The non-refundable Application Fee is $200.

On receipt of the Offer of Admission, overseas students are required to prepay a registration deposit of $14,300 (equivalent to the cost of 24 credits ($585/credit*24 credits=$14,040) plus the cost of two semesters' activity fees of $70 ($35* 2 semesters = $70) and medical insurance for one semester of $190). Enrollment at the College is limited and places cannot be guaranteed unless the registration deposit described above has been received by the deadline stated on the Offer of Admission. All fees are in Canadian funds; students are advised to make use of the arrangement Columbia College has with Flywire to streamline the payment process. Flywire allows secure payment from any country and any bank, generally in the local currency with the exception of sanctioned countries which must be paid through bank draft or wire transfer. (See "Payment of Fees" and paragraph below)

As indicated above, fees may be remitted by bank draft or wire transfer to COLUMBIA COLLEGE. Students from sanctioned countries and those who wish to pay by bank draft of wire transfer should email accounting@columbiacollege.ca to use this option. Cash will not be accepted for tuition and homestay deposits and fees. Cash is only accepted for incidental fees up to $200, such as gym passes, transcripts, student activity sign-up, and lab fees (for students registered in the class when the initial deposit does not cover the cost).

Applicants should read the College Refund Policy before submitting fees.

Deferred Acceptance
If a student, for any reason, is unable to commence his or her studies in the semester for which he or she originally applied, the tuition deposit is transferable to the subsequent semester for a period of one year, provided the College is notified in writing at least 30 days prior to the first day of classes of the semester for which initial admission has been granted, and provided that the student has not already entered Canada. Requests for deferred acceptance received after this date may, at the discretion of the College, still be granted, but in such cases, the College reserves the right to apply penalties to subsequent requests for refunds as described in the Refund Policy.

Estimated Costs (3 semesters, 12 months or 1 year)
All students are required to pay tuition fees in effect for the semester of registration. Early payment of fees does not exclude a student from future fee increases. Although individual circumstances may vary, the following items are costs that may reasonably be expected for three semesters (12-months or 1 year) period while studying at Columbia College:

Living Expenses:	
Room and Board[1]	$14,400
Transportation with three zone pass(adult)[2]	$2,222
Less: Columbia College Transportation Subsidy excluding high school (3 semesters)	($525)
Net Transportation Cost [5]	$1,697
Health Insurance[3]	$900
General Expenses	$5,000
Total Living Expenses	$21,197
Tuition Fees (3 semesters)[4]	$21,060
Activity Fees ($35 per semester)	$105
Text Books (will vary depending upon courses)	$3,000
Total Costs for 12 Months or 1 year	**$45,362**

[1] Based on Homestay rate of $1,200.00 per month for 12 months (over 19 years of age).
[2] Based on the purchase of a three-zone adult monthly pass for a year of $2,222 ($185.20/month * 12 months from Surrey to Vancouver) less $525/year ($175/semester* 3 semesters student subsidy from Columbia College). A one zone adult monthly pass within Vancouver for a year is $1230 ($102.55*12 months) less the $525/year transit subsidy ($175/semester * 3 semesters) for a net transit expense of $1,697 for the year. There is no subsidy for students who are in high school as the concession cost is $58.60/month or $703/year for a student under 19 years of age. See BC Translink for detailed fare pricing: https://www.translink.ca/transit-fares/pricing-and-fare-zones
[3] All Columbia College students without MSP (BC Medical Services Plan) effective to the last day of the last month of their first semester at Columbia College, will be automatically enrolled in the College's Student Insurance Plan provided by Guard.me at a cost of $190. Students who receive MSP after they register can apply to Guard.me for a prorated refund (specific terms apply). All students without MSP are encouraged to apply to MSP as soon as possible as Guard.me is designed to cover urgent medical care needs until MSP becomes active. The cost of MSP for international students is $75 per month ($900 per year).
[4] Based on a course load of 12 credits (for University-level courses or 3 high school courses) per semester, the annual cost is: $21,165 ($585/credit* 12 credits/semester * 3 semesters = 21,060/year) plus activity fees of $105.00 ($35/semester * 3 semesters = $105/year).
[5] A deposit of **$14,300** which includes tuition of $14,040 ($585 * 24 credits) plus an Activity fee for 2 semesters of $70 ($35 * 2 semesters) plus the Medical Insurance fee for one semester ($190), is payable before the student can register for the first semester.
[5] $705/year for adult one zone and for high school students $703/year

TESTS

Students who cannot demonstrate their English language ability through a recognized external test are normally required to write the Language and Writing Assessment (LWA) administered by the College to determine their appropriate English level.

University students who wish to register in a university Math course, or any course with a Math co-requisite, must write the Math Placement Test (MPT). The MPT will be used to place students in an appropriate Math course – this may be a Precalculus course (Math 100 or 110), or a Calculus course (Math 111, 113 or 115). (Note: students planning to write the MPT are advised that a study guide and sample test are available on the Columbia College website (www.columbiacollege.ca) under "Future Students, Requirements, Mathematics Placement".

Students majoring in Math, Physics, Chemistry, Computing Science and Engineering, and continuing to a university in these fields, are advised to enroll in MATH 113 and then MATH 114, or they may have to take an additional course in university.

External English test scores[2]
University Transfer Courses and Non-credit English Courses

	English 101	English 100	English 099	English 098	English 097	English <097[11]
IELTS Academic	Overall Band 6.5 & Writing Band 6.5	Overall Band 6.5 & Writing Band 6.0	Overall Band 6.0 & Writing Band 5.5	Overall Band 5.5 & Writing Band 5.0	Overall Band 5.0 & Writing Band 4.5	-
CAEL	70 or over & Writing 70	60-69 & Writing 60	50-59 & Writing 50	40-49 & Writing 40	-	-
LWA:[8] MEPT:[9] Listening Grammar Vocabulary Reading **Placement Range** Writing[10]	 23-25 18-20 17-20 12-15 **70-80** Level Assessment	 20-25 17-20 14-20 11-15 **62-89** Level Assessment	 20-25 15-20 13-20 9-15 **57-61** Level Assessment	 20-25 14-20 12-20 7-15 **53-56** Level Assessment	 **15-25** **12-20** **10-20** **5-15** **46-52** Level Assessment	-
Duolingo[1]	115+	110+	100+	90+	80+	-
TOEFL iBT:						
Writing	21 plus two of:	19 plus two of:	16 plus two of:	14 plus two of:	12 plus two of:	<12
Reading	21	19	17	15	13	<13
Listening	21	19	17	15	13	<13
Speaking	21	19	16	14	12	<12

	English 101	English 100	English 099	English 098	English 097	English <097[11]
Total (TOEFL iBT):	**88**	**79**	**71**	**64**	**57**	**<57**

High School Courses [3,4,5,6,7]

	English 12	English 11	English 10	English 097	<English 097[11]
IELTS Academic	Overall Band 6.0 and Writing Band 5.5	Overall Band 5.5 and Writing Band 5.5	Overall Band 5.0 and Writing Band 5.0	Overall Band 5.0 and Writing Band 4.5	-
LWA:[7,8] MEPT:[9] Listening Grammar Vocabulary Reading **Placement Range** Writing[10]	 20-25 17-20 14-20 11-15 **62-89** Level Assessment	 20-25 17-20 14-20 11-15 **62-89** Level Assessment	 20-25 14-20 12-20 7-15 **53-56** Level Assessment	 15-25 12-20 10-20 5-15 **46-52** Level Assessment	-
Grade completion[3,4,5,6,7]	Completion of Grade 11 English	Completion of Grade 10 English	Completion of Grade 9 English	N/A	–
Duolingo [1]	100+	90+	85+	80+	

[1] Duolingo valid until Fall 2022.
[2] For placement purposes, all English tests scores are considered to have a shelf life of two years. This also applies to High School courses such as an English 12 in British Columbia and its equivalent elsewhere. Post-secondary courses listed in the BC Transfer Guide are considered to have a shelf-life of five years.
[3] All students who have completed Gr.9 English overseas are registered in Grade 10 English unless they test in to English 097; if a student tests into 097 they complete English 097 first and then continue on to Gr. 10 English.
[4]Senior Secondary High School students: who have completed Gr. 10 English overseas are registered in Grade 10 English (mandatory for senior secondary to complete in BC), unless they test into English 097; if a senior secondary student tests into English 097 and has completed Grade 10 overseas, they are registered in English 097. When they complete English 097, they continue on to Grade 10 English.
[5] Accelerated High School students: who have completed Gr. 10 or Grade 11 English overseas are registered in Grade 11 or 12 English, respectively (depending upon their pre-requisite) unless they test into English 097. If an accelerated High School student tests into English 097 and has completed Grade 10 or 11 overseas, they are registered in English 097 and continue on to Grade 11 or Grade 12 English upon completion. Note: Accelerated High School students do not need to complete Grade 10 English in BC.
[6] Adult High School students: must have completed Grade 10 and 11 English either in Canada or overseas. If an adult High School student tests into English 097 and has completed Grade 10 and 11 overseas, they are registered in English 097 and continue on to Grade12 English upon completion. Note: Adult High School students do not need to complete Grade 10 English in BC.
[7] We use the Columbia College Language Writing Assessment (LWA) to assess language ability and familiarity with basic academic skills like paragraph writing and essay writing. In other words, the LWA can indicate which students need lower-level English for Academic Purposes classes, (such as 097), and are not yet at the English 10 level. However, the placement of Secondary students is not finally determined by the LWA. A high school student's placement is determined by their transcript and what courses they have done before, as well as the results in the LWA.
[8] Student without external test scores are asked to take Columbia College's Language Writing Assessment (LWA). The LWA is used to assess language ability and familiarity with basic academic skills. In other words, the LWA can indicate which students need lower-level English for Academic Purposes classes, such as English 097 or lower.
[9] The LWA is made up of two components: a multiple-choice part and writing part. We use the computer-based Michigan English Placement Test (MEPT) for the multiple-choice part. This 60-minute test assesses language proficiency by measuring performance in listening comprehension, grammar, vocabulary, and reading comprehension. Minimum placement ranges are used as guidelines for level placement.

[10] The writing assessment part of the LWA includes different types of prompts and writing requirements for each level and is completed separately in 30 minutes. Our English assessor provides academic advisors a placement guideline based upon the result of the LWA. Academic advisors then consider the last High School English grade completed (or required) in order to place the student in the appropriate course.
[11] Referred to partner language schools.

GRADING SYSTEM

University Transfer Courses and Noncredit English courses

Grade	%	Points	Rating
A+	90-100	4.3	Excellent
A	85-89	4.0	
A-	80-84	3.7	Very Good
B+	76-79	3.3	
B	72-75	3.0	
B-	68-71	2.7	Good
C+	64-67	2.3	
C	60-63	2.0	Satisfactory
C-	55-59	1.7	
D	50-54	1.0	Marginal Pass
F	0-49	0.0	Fail
N	below 50	0.0	Failure for non-completion or non-attendance[1]
CP			Course in Progress
I	below 50	0.0	In Progress or Incomplete

[1] A grade of N may be assigned for the following reasons:
- Where a student has failed to attend 50% or more of class meetings,
- Where a student has failed to submit 50% or more of assigned course work,
- Where a student has not completed the minimum lab requirement in a course with a lab component,
- Where a student has failed to write the final exam.

High School Courses
For High School courses the College uses the grading system recommended by the BC Ministry of Education.

Grade	%	Points	Rating
A	86-100	4.0	Excellent
B	73-85	3.0	Very Good
C+	67-72	2.5	Good
C	60-66	2.0	Satisfactory
C-	50-59	1.0	Pass
F	below 50	0.0	Fail

It should be noted that a grade of D (university system) indicates a marginal pass and is not a sufficient grade for the course to fulfill a prerequisite requirement.

Other terms that may appear in place of grades on a student's permanent record include:

AU: Audit. The student registered in the course but not for credit, and so no grade was assessed.
DE: Grade Deferred. A deferral is granted by an instructor who is satisfied that, due to illness or other serious personal or family problems, a student is unable to complete the course requirements for a grade. A student granted a deferral will have until the first Thursday of the next semester to make up the course requirements. Failure to do so will result in an F on the student's permanent record.
CP: In Progress. Indicates that the course was still in progress at the time the transcript was issued.
P: Pass. Indicates a pass in a course that is only assessed on a "Pass" or "Fail" basis. ("F" would indicate a fail in such a course.)
R: An "R" beside a letter grade (e.g. RD) indicates that the course has been repeated. The letter R is assigned to the lower of the grades obtained for the course. The R grade is not included in the calculation of the Columbia College Cumulative GPA, and no credit is granted for it. However, some universities (e.g. UBC) include repeated courses when calculating cumulative GPAs for admission purposes.
SG: Standing Granted. The student has been granted credit for the course even though the student has not completed the normal requirements. Only granted in exceptional circumstances.
TS: Transfer Standing. The student has been granted high school transfer credit.
W: Withdrawal from a course.

PROGRAMS OF STUDY

Columbia College operates on a tri-semester system. Students can begin their program at the start of any semester:

SEMESTER	TIME PERIOD
Fall	September to December
Winter	January to April
Summer	May to August

Students admitted to Columbia College will study in one of the following three programs of study:

1.The University Transfer and Associate Degree Programs may be entered by students who have successfully completed Grade 12 and graduated from a high school in British Columbia or equivalent elsewhere, or by completion of a high school program at Columbia College. Courses may be taken at the first or second year university levels and are fully transferable to local (and other) universities. Students who complete 30 credits (some universities will consider fewer than 30 credits) of university studies are eligible to enter second year at a university. Students completing more than 30 university credits may apply to second year, completing any remaining required credits at the university before proceeding to third year studies. Students who complete 60 credits (some universities will consider fewer than 60 credits) are eligible to enter third year at a university. Students who complete 20 courses of university studies, including certain specific requirements may qualify for either an Associate of Arts or an Associate of Science Degree. Holders of Associate Degrees may apply for admission to third year at university; some universities give priority in admission to Associate Degree holders.

2. High School Programs are available to students who wish to proceed to university-level studies but first need to complete their studies at High School level. There are four distinct High School Program options, and, while only completion of the Senior Secondary Program will allow a student to be eligible for direct entry to another university, completion of any of the options listed below will allow a student to enter the University Transfer Program at Columbia College, provided the minimum grade requirements are achieved.

The Four Options:

i) The Senior Secondary Program is suitable for students who have completed Grade 9, 10 or 11 in Canada, or the equivalent elsewhere. Students complete the Grade 10, 11 and 12 courses required for high school graduation as specified by the Ministry of Education and receive the BC Certificate of Graduation (the Dogwood Diploma). Students completing the Senior Secondary Program are eligible to apply for admission to first year at another Canadian university or may choose to continue their studies in the University Transfer Program at Columbia College.

ii) The Accelerated Secondary Program is available to students with strong academic backgrounds who wish to move into the University Transfer Program at Columbia College as quickly as possible. In this fast track program, students who have completed Grade 10 or a partial Grade 11 (in BC, or some overseas equivalent such as O-levels) with good grades are required to take four Grade 12 and three Grade 11 courses, along with any necessary prerequisites, before entering the university program at Columbia College. **Parental consent is required for students who select the CC Accelerated Secondary Program and who will not receive a BC Certificate of Graduation (Dogwood Diploma).**

iii) The Adult Secondary Program is available to students who are 18 years or older. Students receive a BC Adult Graduation Diploma (Adult Dogwood Diploma).

iv) The University Preparatory Program is available to students who have graduated from high school but who lack certain academic qualifications and/or prerequisites for specific desired university courses.

3. English for Academic Purposes (EAP) Program provides English instruction for two types of students – first, to students who have been accepted into an Academic Program but whose English skills are deemed insufficient, and second, to students wanting an academic environment in which to learn English. There are three levels in which students may be placed based on their external exam score or placement tests Students testing below ENGL 097 will be advised by the college Admissions department to enroll in ESL classes with the college's partner ESL schools and will be given advice with respect to their pathway to complete a Columbia College and university education.

1. THE UNIVERSITY TRANSFER PROGRAM

FIRST AND SECOND YEAR

In Canada and the United States, students may either proceed to university directly from high school or after completing one or two years at a college. The University Transfer (UT) Programs offered by colleges allow students to take their first and second-year university-level studies in the more personal atmosphere of a smaller college before transferring to second or third year at a university. Some colleges, Columbia College among them, are authorized to offer two-year Associate Degrees. These degrees, awarded upon completion of at least 20 courses (and the fulfillment of certain specific requirements), are useful both as a stand-alone

qualification and also as a basis of admission to third year at university.

Transfer credit is pre-arranged for university courses completed at Columbia College with British Columbia universities such as the University of British Columbia, Simon Fraser University and the University of Victoria. It is customary for other universities in Canada and the United States to recognize the transfer credits listed by the British Columbia Council on Admissions and Transfer, BCCAT (see www.bctransferguide.ca). However, students need to check with the admissions office of the university to which they seek admission in regard to transferability of particular courses. The length of time required to achieve an undergraduate degree in Canada can vary from three to five years, depending on the student's background, the type of undergraduate degree sought, course load and the program requirements of the particular university in which the degree is earned. The average length of time required to obtain a Bachelor's degree is four years (two years after completing an Associate Degree at Columbia College).

In most university programs, the first year is a general year in which students choose a broad range of courses in addition to courses in their area of specialization. Specialization does not usually begin until the second year. Depending on the university to which a student may go, a **one-year** transfer program at Columbia College usually fulfills requirements for the pre-professional degree program (such as Commerce) or for the first year of a four-year degree program (such as Economics).

Program Description
The University Transfer program will be of interest to students who seek transfer to a degree program at a Canadian or American university. Many students transfer after completing between 24 and 30 credits at Columbia College. Students can complete two years of a bachelor's degree in a variety of concentrations at Columbia College.

Most first year Arts and Social Science courses are introductory and require no subject prerequisite in the subject area. All Science courses for Science majors have secondary level Science prerequisites, and in some circumstances, a post-secondary Science foundational pre-requisite. University courses usually earn three or four credits, and a full semester course load may consist of 9 to 15 credits. A minimum of two semesters will be required to be eligible to transfer to the second year of an undergraduate degree program at a university.

Admission Requirements
The University Transfer Program is open to students who have completed the course requirements for any of the four High School options at Columbia College or a BC Certificate of Graduation with a minimum average grade of C in four academic Grade 12 subjects, including English 12. Applicants who have completed High School in another province in Canada must have equivalent results. Overseas candidates must present Senior or High School Matriculation results with a C or better average. For specific requirements of a particular curriculum, please contact the Admissions office for details.

Students who require College Preparatory English courses (English 097, English 098 or English 099) should be prepared to spend one or more additional semesters to complete minimum transfer requirements.

Students applying through the Student Direct Stream (SDS) Program from:

- Antigua and Barbuda
- Brazil
- China
- Colombia
- Costa Rica
- India
- Morocco
- Pakistan
- Peru
- Philippines
- Senegal
- Saint Vincent and the Grenadines
- Trinidad and Tobago
- Vietnam

are required to have an IELTS overall score of 6.0 plus a minimum of 6.0 in each band to qualify under SDS. The college encourages students applying from SDS countries to apply through the SDS program for expedited entry.
For more information on the SDS program, please visit Immigration, Refugees and Citizenship Canada (IRCC) website:
https://www.canada.ca/en/immigration-refugees-citizenship/services/study-canada/study-permit/student-direct-stream.html
Higher Level International Baccalaureate (IB) courses with a grade of 5 or above will usually be granted first-year transfer credit in the appropriate subject area, so long as Columbia College offers courses in this area. Details are available from an Admissions Officer.

ASSOCIATE DEGREES

This program is offered under the written consent of the BC Minister of Advanced Education. Prospective students are responsible for satisfying themselves that the program and the degree will be appropriate to their needs (e.g. acceptable to potential employers, professional licensing bodies, or other educational institutions).
Students who have obtained an Associate Degree are eligible to apply to Immigration, Refugees and Citizenship Canada (IRCC) for a Post-Graduation Work Permit (PGWP), an open work permit allowing holders to work in Canada for up to 3 years.

Program Description
An Associate Degree is a credential that may be awarded to students who have completed two full years of study at the first and second-year university levels including completion of certain specific requirements. Two full years is usually viewed as completion of 20 university-level courses; these courses may be 3 or 4 credits each, so while the general Associate of Arts Degree requirements may be completed in as few as 61 credits, other Associate Degrees, particularly Associate of Science Degrees, may require 64 credits or more. The requirements are standardized throughout the province, creating a recognized credential that stands in its own right.

The requirements provide a solid foundation in one particular area of study while encouraging students to take a wide range of courses, guaranteeing breadth in their educational experience.

Universities in British Columbia recognize the value of Associate Degrees and accept them as a basis for admission to third year of a Bachelor degree program. BC's public research universities all guarantee the full 60 credits to students admitted on the strength of an Associate Degree (though specific course requirements must still be completed if not included in the Associate Degree), even if not all courses counting towards the Associate Degree transfer to the university in question individually. Some universities give priority in admission to Associate Degree holders.

To qualify for a Columbia College Associate Degree, students must take at least the last 10 courses at Columbia College. Moreover, at least 4 of the required 6 second year courses must be taken at Columbia College. All qualifying courses must have been taken within the 5 years preceding the award of the Degree. A minimum grade-point average of 2.0 (a "C" average) must be achieved on all courses counting towards the Associate Degree. The GPA calculation will be made on all courses, including those taken at other institutions.

Transfer Credit from Other Institutions
Credit towards a Columbia College Associate Degree may be awarded for work completed at other institutions. Such credit will normally be assessed at the time of admission. Courses taken at a recognized BC institution (one that is a member of the BC Transfer System) that transfer to at least one of BC's public research universities in an appropriate discipline will normally be considered for transfer credit. (Students should consult the BC Transfer Guide at:
https://www.bctransferguide.ca/

The major universities in BC guarantee the transfer of 60 credits to Associate Degree holders. Granting of transfer credit by Columbia College does not suggest that these courses will transfer to all BC universities on a course by course basis.

Decisions on Transfer Credit and Appeal of Transfer Credit decisions:
1. For transfer credit to be granted, students must submit ALL relevant documents when they apply to the College. Decisions on transfer credit are made at the time of admission or at the first course planning session with a Counsellor. The College must be informed at the time of admission of all courses in progress at other institutions.
2. Decisions on transfer credit may be appealed. Students may appeal on grounds such as the (5 year) time limit and whether local universities would grant similar credit. Students should recognize that for transfer credit to be considered, there should be at least an 80% overlap in course content with a Columbia College course, and it is likely that this will require a course outline to be submitted. Appeals of transfer arrangements listed in the BC Transfer Guide will not be accepted; neither will an appeal for credit for courses that have been considered for formal articulation but rejected.
3. Students wishing to appeal a transfer credit decision should first consult with a Counsellor. Appeals will be submitted in writing via the Counsellor and will include the grounds on which the initial transfer credit decision is being contested.
4. Appeals will be considered by the Registrar (or designate) and a final decision made within 5 working days of the appeal being submitted. The student will be informed of the final decision in writing.

PROGRAM REQUIREMENTS FOR ASSOCIATE DEGREES

Unless otherwise specified, the requirements may be fulfilled by selecting from the following:

- English Writing: English 100 or 101

- English Literature, 1st year: English 108, 110, 121 or 131
- Lab Science: Biology, Chemistry or Physics
- Social Science: Anthropology, Communication, Criminology, Economics, Geography, Political Science, Psychology, Sociology
- Humanities: Art, Asian Studies, Communication, English, French, History, Latin American Studies, Philosophy, Spanish

Note: For the regular Associate of Arts Degree, Business courses may normally only be used to fulfill elective requirements.

ASSOCIATE OF ARTS DEGREES

I. Associate of Arts Degree (General)
Twenty courses (minimum 61 credits) of 1st and 2nd year courses, to include at least six courses (minimum 18 credits) in Arts at the 2nd year level, taken in two or more subject areas.

Specific Requirements
To include:

a) Two courses in English (one in Composition and one in Literature).
b) Three courses in Math/Science, including at least one course in Mathematics, Computer Science or Statistics, and at least one course in a Laboratory Science (Biology 100 or Chemistry 100 or Physics 100 are recommended)
c) Six courses in first year Arts, including two courses in Social Sciences and two courses in Humanities (other than and English)
d) Six courses in 2nd year Arts
e) Three additional electives in Arts, Sciences, or other areas.

II. Associate of Arts Degree (Economics Concentration)
All requirements of an Associate of Arts Degree are met, but the program must include:
a) Two courses in 1st year Calculus to include: one of MATH 111 or MATH 113 or MATH 115 and one of MATH 112 or MATH 114 or MATH 116
b) ECON 103 and ECON 105
c) A Statistics course: BUSN 291 (preferred) or MATH 206
d) Three courses in Economics at the 2nd year level to include: ECON 290 and ECON 291 and one of ECON 234 or ECON 240 or ECON 260 or ECON 280

Note: 2nd year courses MUST be taken in at least 2 subject areas.

The above fulfills the requirements for a Flexible Pre-Major in Economics.

III. Associate of Arts Degree (Communication Concentration)
All requirements of an Associate of Arts Degree are met, but the program must include:
a) CMNS 110
b) CMNS 130
c) Three courses in Communication at the 2nd year level selected from: CMNS 205; CMNS 210; CMNS 220; CMNS221; CMNS 223; CMNS 230; CMNS 253; CMNS 262

Note: 2nd year courses MUST be taken in at least 2 subject areas.

IV. Associate of Arts Degree (Business Administration Concentration)
All requirements of an Associate of Arts Degree are met, but the program must include:
a) One course in 1st year Calculus to include: MATH 111, MATH 113, or MATH 115
b) Two courses in 1st year Economics to include: ECON 103 and ECON 105
c) Six courses in 2nd year Arts

Note: 2nd year courses MUST be taken in at least two subject areas.

d) Four courses in Business selected from:
ACCT 251; ACCT 254; BUSN 250; BUSN 272; BUSN 290; BUSN 291; BUSN 298; CSCI 237; ECON 207

The Business Administration concentration requires at least 21 courses.

V. Associate of Arts Degree (Political Science Concentration)
All requirements of an Associate of Arts Degree are met, but the program must include:
a) PSCI 100 and PSCI 101
b) Six 2nd year courses, including: PSCI 240, together with one of: PSC 202 or PSCI 210 and two more 2nd year Political Science courses selected from: PSCI 202 or 210; PSCI 220; PSCI 251; PSCI 252; PSCI253; PSCI 260; PSCI 275

Note: 2nd year courses MUST be taken in at least two subject areas.

VI. Associate of Arts Degree (International Studies Concentration)
All requirements of an Associate of Arts Degree are met, but the program must include:

a) ECON 103, ECON 105, PSCI 100 and HIST 110 or HIST 120
b) Three 2nd year courses must include: PSCI 210 and HIST 202, together with one of: ECON 234 or GEOG 230 or PSCI 252 or PSCI 253 or PSCI 260 or PSCI 275 or SOCI 250

Note: 2nd year courses MUST be taken in at least two subject areas.

VII. Associate of Arts Degree (Psychology Concentration)
All requirements of an Associate of Arts Degree are met, but the program must include:
a) PSYC 110
b) PSYC 120
c) Four courses at the 2nd year level in Psychology. These must include: PSYC 217 and PSYC 218*, together with two courses chosen from: PSYC 210; PSYC 220; PSYC 240; PSYC 260; PSYC 270; PSYC 281; PSYC 299.
The other two 2nd year level courses must include at least one chosen from a subject area other than Psychology.
d) A course in Statistics must be included. PSYC 218 is the recommended option, but students may substitute Introductory Statistics, MATH 105; or Mathematical Statistics, MATH 206; or Business and Economics' Applications of Statistics, BUSN 291. Students who elect to make this substitution must include at least 3 courses, in addition to PSYC 217, selected from PSYC 210, 220, 240, 270, 281 and 299.

VIII. Associate of Arts Degree (Environmental Studies Concentration)
All requirements of an Associate of Arts Degree are met, but must include:
a) Two 1st year courses to include: GEOG 100 and GEOG 111
b) Four 2nd year courses, including: GEOG 200 and GEOG 230 and GEOG 255 and PSCI 275.

ASSOCIATE OF SCIENCE DEGREES
IX. Associate of Science Degree (General)
Twenty courses (minimum 61 credits) of 1st and 2nd year courses.
Specific Requirements
To include:
a) two courses in 1st year English (one in Composition, one in Literature)
b) two courses in Mathematics including at least one course in first year Calculus to include: MATH 113 **or** MATH 115 or MATH 111 (A).
c) Six additional courses in 1st year Math/Science/CSCI, including at least one course in a Laboratory Science (Biol/Chem/Phys) **but not** BIOL 100, CHEM 100, or PHYS 100
d) Six 2nd year Math/Science/CSCI courses (but not CSCI 237) taken in at least 2 subject areas.
e) two courses in Arts other than English
f) two courses in Arts, Sciences or other areas
Note:
Students majoring in Math, Physics, Chemistry, Computing Science and Engineering, and continuing to a university in these fields, are advised to enroll in MATH 113 and then MATH 114, or they may have to take an additional mathematics course in university.

X. Associate of Science Degree (Computer Science Concentration)
Includes all the requirements for an Associate of Science Degree, but must include the following five courses:
CSCI 120; CSCI 125; CSCI 150; MATH 113 or MATH 115 (C) or Math 111 (A); and MATH 114 and MATH 120
b) three courses in Computer Science at the second year level. These must be: CSCI 225, CSCI 250, and CSCI 275

Note: 2nd year courses MUST be taken in at least 2 subject areas.
The above fulfills the requirements for the Flexible Pre-Major in Computer Science.

XI. Associate of Science Degree (Mathematics Concentration)
Includes all the requirements for an Associate of Science Degree, but must include:
- MATH 113 and MATH 114 and MATH 120**.**
- Four courses in 2nd year Mathematics. These must be: MATH 213, MATH 225, MATH 230, and MATH 252
- two first year Computer Science courses. These must be: CSCI 120 and CSCI 125

Note: 2nd year courses MUST be taken in at least two subject areas.)

The above fulfills the requirements for the Flexible Pre-Major in Mathematics.

PRE-ENGINEERING AT COLUMBIA COLLEGE

Columbia College offers courses that are equivalent to those taken in the first-year Engineering (Applied Science) programs at the University of British Columbia, Simon Fraser University and the University of Victoria. Students completing the courses listed below qualify for a Columbia College First Year Pre-Engineering Certificate.

Students interested in pursuing an Engineering degree at UBC, SFU or UVIC should consult a College counsellor (and also the specific university they wish to attend) in order to determine which of the courses listed below are required for the specific program in question. While these three universities have roughly similar requirements for admission to their Engineering programs, they are not identical, and students need to be aware of specific requirements at their university of choice.

Courses must include:

Applied Science 151 (4)	Engineering Graphics
Applied Science 160 (3)	Fundamentals of Computer Programming for Engineers
Chemistry 121 (4)	General Chemistry I
Chemistry 123 (4)	General Chemistry II
English 100 (3)	Language and Composition
or English 101 (3)	or Approaches to Academic Writing
Mathematics 113 (3)	Calculus I
Mathematics 114 (3)	Calculus II
Mathematics 252 (3)	Linear Algebra and Differential Equations
Physics 118 (4)	Engineering Mechanics
Together with two* of the following Physics courses:	
Physics 110 (4)	Newtonian Mechanics
Physics 120 (4)	Electricity and Magnetism
Physics 130 (4)	Optics and Thermodynamics
Arts Elective (3)	Any Arts course**
TOTAL 42 credits	

* The two courses selected will depend on the university the student wishes to enter.
** Students are advised to consult a counsellor on the choice of Arts course as some restrictions do apply.

2. SECONDARY (HIGH SCHOOL) PROGRAMS

Columbia College's Secondary (High School) Programs are offered at Columbia College's North Campus, 333 Terminal Avenue, a short walk from the Main Campus. The BC Ministry of Education has implemented curricula changes into the Graduation Program that all BC High Schools follow, effective September 2023. Columbia College ensures that all students will be offered courses to fulfill completion of the BC graduation requirements and the opportunity to write the Provincial Graduation Assessments (Numeracy and Literacy) required of all students wishing to obtain a BC Dogwood Diploma.

The College offers four options:

i) SENIOR SECONDARY PROGRAM

The Senior Secondary Program is open to students who have satisfactorily completed Grade 9, Grade 10 or Grade 11, or the equivalent. Applicants should have a minimum 60% or "C" average, or equivalent, in the academic year (Grade 9, 10 or 11) prior to entry to Columbia College.

Students admitted on the basis of mid-year results must demonstrate satisfactory completion of an academic grade 9, 10 or 11 programs before first registration.

Columbia College offers a Senior Secondary Program that fully conforms to the Ministry of Education requirements. The College's semester system allows for a decrease in the time usually required to complete these requirements. Full Grade10/11/12 requirements for high school graduation may be completed in seven semesters (28 months). Students receiving transfer standing credit for studies taken prior to attending the College can expect to complete in less time. Upon completion of the Senior Secondary Program students receive a BC Certificate of Graduation (Dogwood Diploma).

Graduation Requirements (80 credits)
The courses listed satisfy both the BC Ministry requirements and Columbia College requirements for admission into the University Transfer/Associate Degree program.

Required Courses*	**Credits**
English 10	4
Social Studies 10	4
Math 10	4
Science 10	4
An Arts Education or Applied Design,	

Skills & Technologies	4
Physical & Health Education 10	4
Career- Life Education 10	4
An English 11	4
A Math 11 or 12	4
A Science 11 or 12	4
A Social Studies 11 or a Social Studies 12	4
English Studies 12	4
Career-Life Connections/Capstone	4
Three Academic Grade 12[1]	12
Four Elective courses[2]	16
Total	**80 credits**

[1]The three Academic course can be chosen from: Anatomy and Physiology 12, Chemistry 12, Comparative Cultures 12, Foundations of Mathematics 12, Human Geography 12, 20th Century World History 12*, Physical Geography 12, Physics 12, Math 12 (Pre-calculus), Social Justice 12

[2] The four Elective courses can be chosen from any grade 10, 11 or 12 course for which transfer standing has been received.

***Note: not all courses are available every semester.**

University Admission

Universities in Canada set their own entrance requirements. While these requirements vary from institution to institution, completion of the Senior Secondary Program at Columbia College satisfies the normal entrance requirements. Certain academic subjects and a minimum grade point average are also required. Information is available on university websites. Students may also seek advice from counsellors on university admission requirements and application procedures.

Students wishing to accelerate their studies can continue in the University Transfer Program at Columbia College immediately following satisfactory High School completion, while awaiting transfer to university.

ii) ACCELERATED SECONDARY PROGRAM

Students with strong results in academic courses at the grade 10 level can, with signed parental consent, opt not to obtain a BC Certificate of Graduation (Dogwood Diploma) and can choose to enter the fast track CC Accelerated Secondary Program in order to directly enter the University Transfer/Associate Degree Program at Columbia College if they have a minimum average of C (60%) in four academic grade 12 courses.

Required Courses*	**Credits**
An English 11	4
English Studies 12	4
A Math 11 or Social Studies 11	4
A Science 11, a Social Studies 11 or Career Life Education 11	4
Three Academic Grade 12[1]	12
Total Credits	**28 credits**

[1]The three Academic Grade 12 courses can be chosen from:
Anatomy and Physiology 12, Chemistry 12, Comparative Cultures 12, Foundations of Mathematics 12, Human Geography 12, 20th Century World History 12*, Physical Geography 12, Physics 12, Math 12 (Pre-calculus), Social Justice 12

***Note: not all courses are available every semester.**

- Prerequisite courses must be completed and may increase the number of credits required to complete the program. Note that most Grade 12 courses have grade 11 prerequisites.
- Upon completion of the above courses, students will receive the Columbia College Accelerated Secondary Program Graduation Certificate.
- Students will not receive a BC Grade 12 Graduation Diploma or Ministry transcript and are not directly admissible to an external university.
- Students may continue their studies in the University Transfer (UT)/Associate Degree Program at Columbia College if they have a minimum average of C (60%) in four academic grade 12 courses.

iii) ADULT SECONDARY PROGRAM

To enter the Adult Secondary Program students must be at least 18 years of age. This program requires completion of fewer courses than the Senior Secondary Program. Applicants should have a minimum 55% average (or equivalent) in the prior academic year (grade 10 or 11), either at Columbia College or prior to entry to Columbia College. Students may be allowed to transfer into this program after studying in the Senior Secondary Program at Columbia College if they meet the age and academic requirements.
Certain academic requirements may be waived for mature students (aged 23 or older).

Students completing the Adult Secondary Program may enter the University Transfer (UT)/Associate Degree Program at Columbia College if they have a minimum average of C (60%) in four academic grade 12 courses.

Required Courses *	**Credits**
English Studies 12	4
A Math 11 or 12	4
Three Academic Grade 12 courses[1]	12
Total Credits	**20 credits**

[1]The three Academic Grade 12 can be chosen from: Anatomy and Physiology 12, Chemistry 12, Comparative Cultures 12, Foundations of Mathematics 12, Human Geography 12, 20th Century World History 12, Physical

Geography 12, Physics 12, Math 12 (Pre-calculus, Social Justice 12.

***Note: not all courses are available every semester.**

- Prerequisite courses must be completed and may increase the number of credits required to graduate.
- Either Social Studies 11 or Career-Life Education 12 can be used in place of one academic Grade 12 course to graduate and for students planning to enter Columbia College's University Transfer (UT)/Associate Degree program.
- Upon completion of the above courses, students will receive a BC Adult Graduation Diploma

iv) UNIVERSITY PREPARATORY PROGRAM

This Program is suitable for students who have graduated from High School but who lack certain academic qualifications for direct admission into the University Transfer Program. Applicants to the University Preparatory Program (U Prep) should have a minimum 60% or "C" average, or equivalent, in the academic year prior to entry to Columbia College.

The Program is tailored to the individual student's background and goals. It is normally a one semester program comprised of a maximum of four appropriate academic preparatory courses. High School courses will be included if these are the prerequisites for university-level course work. Following successful completion of the University Preparatory Program, students may continue in the College's University Transfer (UT)/Associate Degree Program.

Academic Information for High School Program Students

Course Challenges

In keeping with the BC Ministry of Education guidelines, at the discretion of the Principal, some Senior Secondary courses at Columbia College may be challenged. For details, students should consult a Counsellor.

Transfer Standing

Many students are eligible to receive "Transfer Standing" (TS) credit for courses taken before entering Columbia College. TS will be granted for courses that are considered equivalent to the established provincial or board authorized course. Transfer standing will be awarded only if official final results are presented.
An overseas student who transfers into a High School Program may be eligible for advanced placement at the Grade 11 or 12 levels if TS credit has been granted in the prerequisite Grade 10 or 11 course.

Credit for English 10 requires a supporting LWA or an external examination score and will be granted upon successful completion of English 11 and 12.

Mathematics Courses

Any one of the five grade 11 mathematics courses (Computer Science 11, Foundations of Mathematics 11, History of Mathematics 11, Pre-calculus 11 or Workplace Mathematics 11) can be used to fulfill Senior Secondary Math 11 graduation requirements in British Columbia. As university admission generally requires Pre-calculus 11, Columbia College has chosen to offer this Grade 11 Mathematics course on a regular basis; other options may be offered occasionally.

Dual Credit Courses

The BC Ministry of Education allows students to take courses at recognized post-secondary institutions and count these courses as four-credit non-subject specific grade 12 courses towards completion of the requirements for high school graduation, while at the same time receiving full university transfer credit.

Students studying in a High School Program at Columbia College may be allowed to register in a university-level course and, upon successful completion, be granted credit for both the university course and a secondary course at the grade 12 level. (The latter will be recorded as PSIAD 12, not a specific subject, on transcripts.)

A "dual credit fee" will be assessed in such cases. (See "Fees".)

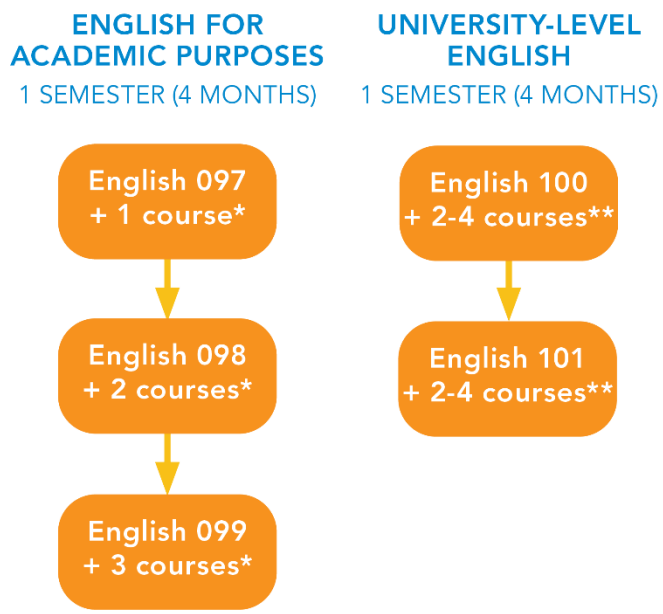
High School students will be eligible to register in a PSIAD course if they are:

1) A new or continuing student with an average of 60% on two successfully completed academic grade 12 courses that are recognized by the BC Ministry of Education and taken from a BC certified teacher, or
2) A continuing student with an average of 67% (minimum) in all Grade 11 and 12 courses taken at Columbia College, or
3) A new student who has an average of 80% in at least two successfully completed academic Grade 12 courses that are recognized by the BC Ministry of Education.

Students should note that:

- Students are limited to one dual credit registration per semester with the following exception: students who have achieved a (minimum) 80% average in high school courses at Columbia College may be considered for up to two PSIAD courses in the following semester.
- A student is not eligible for dual credit registration if he/she is on probation.
- All prerequisite requirements must be met.

THE ENGLISH FOR ACADEMIC PURPOSES (EAP) PROGRAM



The English for Academic Purposes Program (EAP) is for students who have been accepted into a College Academic Program but whose English skills require improvement before beginning their academic studies. Upon completion of this program, students will have a seamless transfer into the University Transfer, Associate Degree, or High School programs.

There are three levels in the EAP Program: Level 097, 098 and 099.

ENGLISH FOR ACADEMIC PURPOSES COURSE DESCRIPTIONS

This is an English preparatory course for students in the university transfer or secondary program.

In Level 097, English 097 (ENGL 097) + Writing Discourse (WD 097) + one academic course elective, is a full-time course load.

In Level 098, English Preparation (ENGL 098)+ Writing Discourse (WD 098) + two academic course electives, is a full-time course load.

In Level 099, Advanced College Preparation (ENGL 099) **+ three academic course electives, is a full-time course load.**

LEVEL 097
Course Name: English 097
Course Number: ENGL 097
Number of credits: None **Class Hours**: 8
Prerequisites: A valid external test score, or equivalent in partner programs, as per the college requirement, or as determined by the college English Placement Test (LWA).
Corequisites: WD 097 and one academic course elective
The course covers all aspects of language development, with particular attention to the reading, writing, listening, and speaking skills needed for university-level or secondary- level work.
Note: ENGL 097 students are permitted to concurrently take a maximum of one (restrictions apply) university transfer credit or secondary credit course.

Course Name: Writing Discourse 097
Course Number: WD 097
Number of credits: None **Class Hours**: 8
Prerequisites: A valid external test score, or equivalent in partner programs, as per the college requirement, or as determined by the college English Placement Test (LWA).
Corequisites: ENGL 097 and one academic course elective.
This course focuses on intensive practice in the mechanics of writing, especially grammar rules. Students write short academic prose with a special emphasis on paragraph development and sentence level skills.
Note: A minimum grade of C is required in this course in order to advance to ENGL 098.

LEVEL 098
Course name: English Preparation
Course Number: ENGL 098
Number of credits: 0 **Lecture Hours:** 8
Prerequisites: ENGL 097
Corequisites: WD 098 and two academic course electives
This is an English preparatory course for students in the university transfer program. The course covers all aspects of language development, with particular attention to the reading, writing, listening and speaking skills needed for university-level work.
Note: ENGL 098 students are permitted to concurrently take a maximum of two (restrictions apply) university transfer credit courses.

Course Name: Writing Discourse
Course Number: WD 098
Number of credits: 0 **Lecture Hours:** 8
Prerequisites: ENGL 097
Corequisites: ENGL 098 and two academic course electives
This course requires intensive practice in the writing of short academic prose with a special emphasis on paragraph development and sentence level skills.

Note: Students who do not earn a C in WD 098 may advance to English 099 but must repeat WD 098 concurrently with English 099. A minimum grade of C is required in WD 098 in order to advance to English 100.

LEVEL 099
Course Name: Advanced College Preparation
Course Number: ENGL 099
Number of credits: 0 **Lecture Hours:** 8
Prerequisites: ENGL 098 (C)
Co-requisites: Three academic course electives.
This course is an advanced English preparatory course. The course focuses on university-level reading, writing, listening and speaking skills. Students develop skills in summary writing, essay writing, research and documentation of sources in MLA format. Students also participate in oral presentations. Writing is in response to text and supplementary readings (or various media) in a variety of subject areas and rhetorical styles. Particular attention is paid to integrating and synthesizing sources and avoiding plagiarism. Through discussion and written work, students will develop their critical thinking skills.
Note: Students who do not earn a C in WD 098 must see a counsellor before registering in ENGL 099. There will be a hold on their registration until they do so.

ACADEMIC COURSE DESCRIPTIONS

UNIVERSITY TRANSFER COURSES
Courses numbered 100 and above are university courses. Semester credits are indicated in brackets to the right of the course. Course numbers that begin with "0" indicate that the course is non-credit.
Notes:

For information on transferability, or the BC Transfer Guide (www.bctransferguide.ca).

A minimum grade of C- is required for a university course to count as a prerequisite, unless stated otherwise. A minimum grade of C is required in ENGL 100 to count as a prerequisite for ENGL 101 or any 1st year Literature course.

A minimum grade of C- is required for a high school course to count as a prerequisite for another high school course. A minimum grade of C is required when the high school course is a prerequisite for a university course. A minimum grade of C is required to move from ENGL 098 to ENGL 099 and from ENGL 099 to ENGL 100.

ENGL 100 is a corequisite for all second-year Social Science courses.

All second-year courses have a (minimum) 12 credit pre-requisite.

BIOL 100, CHEM 100 and PHYS 100 are Science courses for Arts or non-science majors. These courses are not credit courses for Science majors.

Co-requisite courses are courses that must be taken prior to or at the same time as another course. Many co-requisites are specified in the descriptions below, and it should be noted that it is the student's responsibility to ensure that they have either completed the co-requisite or are registered in it; failure to register in the stated corequisite could result in the student being removed from the course when this failure is discovered, even if this is after the course has started, and there will be no refund of tuition fees for this course.

Students in the University Transfer (UT) Program are required to register in an appropriate English course in each semester until English 099 and Writing Discourse 098 have been completed (i.e., as placed by external test score or by Columbia's own English Test, the LWA).

New students arriving at Columbia directly from overseas who place in ENGL 100 (either by external test score or Columbia's English Test, the LWA) will be required to register in ENGL 100 within the first 3 semesters and will be required to repeat this course in each subsequent semester (if necessary) until they pass it.

It is required that students register in ENGL 100 within their first three semesters.

The mode of delivery will be communicated during course planning and during registration. Definitions follow:

In-person Courses:

In-person courses are live in-person courses that are conducted in real-time, in the traditional classroom.

Synchronous Courses:

Synchronous courses are live online courses that are conducted in real-time. The instructor and students are together in the same session.

Flex (Asynchronous Courses):

Flex courses are offered asynchronously, meaning that the course content is not given during a scheduled day and time, like in another class. Rather, students may engage with the course content at any time throughout the day, to best support their learning objectives. Instructors of these courses will be providing office hours and significant opportunities to connect with students on a regular basis. Students choosing these courses should be self-motivated in their learning and keep up with the course throughout the term. Catching up in these courses may be difficult and students are expected to keep pace on a week by week basis, as they would in any other course. Flex courses are the equivalent of other courses at the College but may engage different learning styles and assignments to support the student in their learning. This approach to learning may not be conducive for everyone. Students should expect to spend the same amount of time per week on this class as in their other courses.

Hyflex Courses:

HyFlex is a course design model that presents the components of hybrid learning in a flexible course structure that gives students the option of attending sessions in the classroom, participating online, or doing both.

ACCOUNTING

Course Name: Financial Accounting
Course Number: ACCT 251
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ENGL 099
This course provides an introduction to financial accounting with a conceptual emphasis. Topics include understanding financial statements, generally accepted accounting principles, revenue and expense recognition, cash and accounts receivable, inventory, long-term assets, current liabilities, long-term liabilities, shareholders' equity and financial statement analysis.

Course Name: Managerial Accounting
Course Number: ACCT 254
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ACCT 251
Students will learn how managers use cost and managerial accounting information in the decision-making process. Topics include cost terms and behaviour, job-order costing, activity-based costing, process costing, variable costing, cost-volume-profit relationship, budgeting, standard costs and variance analysis, reporting for control and relevant information for decision making.

ANTHROPOLOGY

Course Name: Introductory Anthropology I
Course Number: ANTH 110
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
An introduction to the comparative study of culture. This course focuses on the concepts of adaptation and evolution and the ethnographic method. A basic framework that includes habitat, technology, social organization, economy, political structure and religion/ideology is developed for understanding and comparing ethnographic cases. A brief overview of the physical evolution of humans is included.

Course Name: Introduction to Archaeology
Course Number: ANTH 130
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099

This course is an introduction to world archaeology. Through an overview of select archaeological research and fossil evidence spanning the history of the genus Homo up to the emergence of state-level societies, students will become familiar with analytical methods and interpretive frameworks used to reconstruct the human past. In this course students will gain an appreciation of the time scales involved in the study of human evolution, the fragmentary nature of the archaeological record, the interpretive potential of different types of material culture, and the drivers of cultural change

Course Name: Gender, Sex, and Culture
Course Number: ANTH 212
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits, ANTH 110 or SOCI 110
Corequisites: ENGL 100
The goal of this course is to help develop the students critical thinking abilities with anthropological theory and methodology so they can ask and answer why/how certain gender roles develop in a particular culture and not another and how sexuality reflects a culture's understanding and expression of a natural drive. This course will introduce students to ethnographic examples

to develop a historical and adaptive context for a cultural understanding of gender and sexuality

Course Name: Introduction to Economic Anthropology
Course Number: ANTH 230
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ANTH 110 or SOCI 110
Corequisites: ENGL 100
This course will introduce students to ethnographic examples to put into context how economic systems reflect the historical and adaptive experiences of different cultures. Students will learn anthropological theory and methodology to help develop their critical thinking abilities to better understand how and why economic systems develop as part of (not apart from) the greater cultural whole.

Course Name: Archaeology of the Americas
Course Number: ANTH 240
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ANTH 130
Corequisites: ENGL 100
This course is a survey of the human past in the Americas, from the initial settlement at the end of the Ice Age
to contact with Europeans. Students will become familiar with the major culture areas of North and South America, including their geographic characteristics, the different human responses to changes in climate and resource availability, and the resulting richness and variability of past adaptations. Students will also gain familiarity with the methods and types of evidence that archaeologists use to reconstruct the culture history of prehistoric America. Covered topics include the development of social complexity in various regions, the origins of agriculture, and the emergence of state societies. Special attention is paid to the archaeology of the
Northwest Coast.

APPLIED SCIENCE

Course Name: Fundamentals of Graphics Communication for Engineers
Course Number: APSC 151
Number of credits: 4 **Lecture Hours:** 5
Prerequisites: PREC 12, or equivalent, and ENGL 098
This course covers the principles of engineering drawing, computer graphics, descriptive geometry, design, and problem solving. The fundamentals of graphical communication will help students think and communicate visually in the context of engineering design, and experience and develop skills in the creation and use of various types of engineering graphics using hand drawing tools and Computer Aided Design (CAD) tools.

Course Name: Fundamentals of Computer Programming for Engineers
Course Number: APSC 160
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: PREC 12 or MATH 100 or MATH 110, and ENGL 098
This Applied Science course is aimed at engineering students with little or no prior programming experience but a desire to understand computational approaches to problem solving. Students will learn fundamentals of Structured Programming in a high-level programming language (such as C++), focusing on real-world engineering and scientific examples. An introduction to Object Oriented Programming will also be provided.

ART HISTORY

Course Name: History of Art: An Introduction
Course Number: ARTH 100
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This course examines the visual arts, including painting, sculpture, printmaking, photography, and architecture, from prehistory to the present. The course will examine the effects of factors such as social structure, technology, war, and religion on artistic expression. While emphasis is placed on the arts of Europe and North America, those of Latin America, Africa and Asia are also discussed.

Course Name: Contemporary Art in Canada
Course Number: ARTH 210
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ARTH 100
Corequisites: ENGL 100
This course provides an introduction to specific themes and issues in art produced from the mid-20th century until the present in the geographic region of Canada. Organized to focus upon specific themes or issues, it will illustrate and analyze regional and ethnic diversity, socio-political interests, and international influences upon contemporary art in Canada. Influences such as the artist-run centre movement, activism, First Nations work, new-media art, and the landscape tradition are discussed. A wide range of topics, from painting to new media, Canadian to diversity, Realism to Conceptualism, will be critically examined**.**

Course Name: Renaissance Art in Europe
Course Number: ARTH 220
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ARTH 100
Corequisites: ENGL 100
This course provides a survey of art created in Renaissance Europe between 1400 and 1600. Students are introduced to a wide range of painting, sculpture, architecture, printed imagery and material culture. We examine the Renaissance's more famous artists, in addition to lesser-known individuals whose achievements help us to better understand the diverse forms and uses for art. Topics of interest include the revival of classical antiquity, power and political

propaganda, death and the afterlife, gender and sexuality, religious difference, and the changing status of the artist. While focused primarily on Europe, the course situates artistic production within a framework of global interactions and colonial encounters.

Course Name: Nineteenth Century Art in Europe
Course Number: ARTH 230
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ARTH 100
Corequisites: ENGL 100
This course will provide a survey of European art and visual culture from the end of the eighteenth century to the beginning of the twentieth century, predominantly covering artistic production from France, Britain, Germany, and Spain. Covering major art movements, including Neoclassicism, Romanticism, Realism, and Impressionism, this course will consist of a roughly chronological examination of stylistic developments in painting, sculpture, photography, and decorative arts. Emphasis is placed on contextualizing art forms within a broad historical framework in order to show the connections between visual cultural productions and the political, social, economic, and technological orders of the time. This includes an examination of the impact of dominant political-economic interests such as social and scientific revolution, race and imperialism, and modernity and innovation, on the arts.

ASIAN STUDIES

Course Name: Introduction to East Asia (China)
Course Number: ASIA 110
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This survey course is an introduction to Chinese history and culture. The course deals with the origins and nature of Chinese civilization and investigates the history of China's major dynasties and concludes with a closer study of the past 150 years. This course draws from a wide range of sources, including literature and video material. The continuity of Chinese civilization through cycles and periods of apparently drastic change is emphasized; the problems of modernization and factors which may affect the future of China are studied in the latter part of the course. Throughout the course, the focus will be on the historiography of China’s political and intellectual culture.

Course Name: Introduction to East Asia (Japan)
Course Number: ASIA 120
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
An introduction to the culture and history of Japan, from the early period (Jomon and Yayoi), through the rise of feudalism and the development of a modern state. The emphasis is on gaining an awareness and understanding of contemporary Japanese society by studying its geographical, economic and political context, as well as its historical antecedents. Topics included are music, literature and language, religion, education, business, international relations, and family life.

Course Name: Introduction to Asian Religions
Course Number: ASIA 131
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This course introduces the major religious traditions of India, China, Korea, and Japan (including Hindu, Sikh, Jaina, Buddhist, Confucian, Daoist, and Shinto traditions) as well as methodologies for the academic study of religion. Each unit focuses on a tradition's history, beliefs, and practices, while also exploring its internal diversity. Students examine the geographic, social, and political situations of each religion through lectures, readings, film, and discussion. Readings include primary sources in translation as well as scholarly research. Upon successful completion of the course, students will be able to discuss and analyze the major Asian traditions.

Course Name: Religion, Myth, and Literature In Indian Cinema
Course Number: ASIA 213
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ASIA 131
Corequisites: ENGL 100
This course will acquaint students with a variety of films in Indian languages while building upon a foundation of study acquired in Asia 131. Students will critically apply a variety of interpretive methods to cinematic works ranging from the earliest years of film in India up to the modern day. All films will be shown with English subtitles. Students will examine critically both the role of the film producer and their own role as film consumer. A competency in thoughtfully exploring and considering complex social themes and aesthetic choices will be built, with the ultimate aim of enabling students to participate in and engage with film in an informed manner.

Course Name: Introduction to Buddhism
Course Number: ASIA 250
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: ASIA 131
Corequisites: ENGL 100
This course introduces the origins, history, and development of Buddhism in Asia and around the world. Students will delve deeper into core concepts of Buddhism, the origins and development of different Buddhist traditions, their spread through Asia and later the world, and Buddhism in contemporary societies. Content is based on primary texts in translation (e.g.: canonical and apocryphal texts, auto-/biography), secondary scholarship, and film.

BIOLOGY

Course Name: Concepts in Human Health and Biology
Course Number: BIOL 100

Number of credits: 4 **Lecture Hours:** 3 **Lab Hours:** 2
Corequisites: ENGL 099
This is a liberal arts biology course for non-science majors beginning with an introduction to the basic principles of biology. The course covers basic cell biology as well as a survey of human organ systems and how these organ systems relate to human health.

Course Name: Environmental Biology and Ecology
Course Number: BIOL 105
Number of credits: 4 **Lecture Hours:** 3 **Lab Hours:** 2
Prerequisites: ATPH 12, BIOL 12 or CH 12
Corequisites: ENGL 099
This course is designed for non-science majors who are interested in environmental and ecological concepts. This course begins with a description of biotic and abiotic factors in the environment. The interactions of living organisms are studied at the level of population, community, ecosystem and global ecology. Biodiversity is then explained in relation to evolutionary and ecological concepts. Human impacts such as water and air pollution are examined in how they damage the environment. Environmental issues such as climate change, ozone depletion, agriculture, and energy use are discussed to identify ecologically-sustainable development strategies.

Course Name: Introduction to Biology I
Course Number: BIOL 110
Number of credits: 4 **Lecture Hours:** 4 **Lab Hours:** 2
Prerequisites: ATPH 12, BIOL 12 or CH 12
Corequisites: ENGL 099
This is an introductory course surveying diversity of organisms, ecological and evolutionary principles, mechanisms of inheritance and cell structure.

Course Name: Introduction to Biology II
Course Number: BIOL 120
Number of credits: 4 **Lecture Hours:** 4 **Lab Hours:** 2
Prerequisites: High school: ATPH 12, BIOL 12 or CH 12
Corequisites: ENGL 099
This course is an introduction to biology, with an emphasis on biochemistry, anatomy and physiology. Human biochemistry, anatomy and physiology will be compared to that of plants and other animals, from a systems biology perspective. Examples of human pathology will also be discussed, as a method of learning human biology.
Note: Students may start either with Biology 110 or 120. Biology 110 and 120 together constitute the usual first year Biology sequence.

Course Name: Anatomy and Physiology I
Course Number: BIOL 130
Number of credits: 4 **Lecture Hours:** 4 **Lab Hours:** 2
Prerequisites: High School: ATPH 12, BIOL 12 or CH 12
Corequisites: ENGL 099
This course is an introduction to Anatomy and Physiology, covering basic cell biology and histology, as well as an introduction to the structure and function of the human muscular, skeletal, cardiovascular, immune, endocrine, respiratory, urinary, digestive, and neural systems.

Course Name: Cell Biology
Course Number: BIOL 200
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CHEM 121, and BIOL 110 and BIOL 120 **or** BIOL 110 and 130, ENGL 099
This is a survey course on cell structure and function with discussions on the structure and function of the nucleus, eukaryotic organelles, the plasma membrane and cytoskeleton. Cellular processes such as DNA replication, transcription, translation, cell signaling, cellular respiration, and photosynthesis will be covered.

Course Name: Introduction to Microbiology
Course Number: Biology 205
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CHEM 121, and BIOL 110 and BIOL 120 **or** BIOL 110 and 130, ENGL 099
This course provides an introduction to the fields of bacteriology, virology, mycology, and parasitology. Topics include microbial morphology and classification of important bacteria, fungi, protozoa and viruses, with representative examples of each. Microbial metabolism, growth requirements, genetics, and reproduction will also be discussed, as well as methods of controlling microbial growth. A survey of medically important microbes will also be included in the course.

Course Name: Fundamentals of Genetics
Course Number: BIOL 234
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CHEM 121, and BIOL 110 and 120 **or** BIOL 110 and 130, ENGL 099
This course is an introduction to molecular and classical genetics. Topics include the structure and function of nucleic acids, linkage mapping and pedigree analysis, two gene interactions (codominance, epistasis etc.), gene regulation in prokaryotes and eukaryotes, gene mutations and large-scale chromosome re-arrangements, genome and proteome analysis, and population genetics.

Course Name: Introduction to Plant and Animal Physiology
Course Number: BIOL 260
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CHEM 121, and BIOL 110 and 120 **or** BIOL 110 and 130, ENGL 099
This course compares physiological mechanisms and adaptations that animals and plants use to acquire energy and nutrients, transport them throughout the organism, regulate water balance, sense, and respond to environmental stimuli.

BIOCHEMISTRY

Course Name: Fundamentals of Biochemistry
Course Number: BIOC 201
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CHEM 210, BIOL 110 and 120 **or** BIOL 110 and BIOL 130, and ENGL 099
This is an introductory survey course in the fundamentals of biochemistry. The basic structure, function and metabolism of proteins, lipids, carbohydrates, and nucleic acid will be discussed, as well as basic bioenergetics, and regulation of metabolism.

BUSINESS

Course Name: Introduction to Marketing
Course Number: BUSN 250
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits
Corequisites: ENGL 100
Students will learn how to develop their own Marketing Plan. This course introduces the students to the basic concepts, terms, functions, and practices of marketing. The course provides a general knowledge of marketing including marketing mix, segmentation, targeting, positioning, and customer relationship management. Particular emphasis is placed on the core elements of a marketing plan – situation analysis, marketing strategy, sales forecast, and expense budget.

Course Name: Organizational Behavior
Course Number: BUSN 272
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ENGL 099
This course will help you to understand individual and group behaviours in organizations. It will also help you to learn about your own behaviour and how better to function in any organization. You will learn about topics such as individual differences, diversity at the work place, personality, perception, emotions, values, motivation, job design, groups vs teams, organizational structure, organizational culture, communication, power and politics, leadership, decision-making and organizational change.

Course Name: Management Science
Course Number: BUSN 290
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ENGL 099, MATH 111 **or** 113 **or** 115
This course is an introduction to how mathematics and spreadsheets can be used to help decision-making in business. Though it is a quantitative course, the emphasis is on real life applications. Topics include linear programming, network problems, basic probability theory, project scheduling, inventory models, waiting line models, statistical decision making, and simulation.

Course Name: Business and Economics' Applications of Statistics
Course Number: BUSN 291
Number of credits: 4 **Lecture Hours:** 5
Prerequisites: 12 credits and ENGL 099
Corequisites: MATH 111 **or** 113 **or** 115
This course is an introduction to statistics. Although it is a quantitative course, the emphasis is on real life applications in business or social science. Students will become familiar with MS Excel. Topics include descriptive statistics, probability theory, random variables and their probability distributions, confidence interval and hypotheses testing, and simple linear regression.

Course Name: Corporate Finance and Capital Markets
Course Number: BUSN 298
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ENGL 099 and ECON 103 and 105
Corequisites: ACCT 251
This is an introductory finance course covering the concepts and analytical tools required to solve financial problems. Topics include corporate finance, time value of money, bond and stock valuation, capital budgeting, risk and return, diversification, CAPM, market efficiency, cost of capital, and international corporate finance.

CHEMISTRY

Course Name: Chemistry and The World Around Us
Course Number: CHEM 100
Number of credits: 4 **Lecture Hours:** 3 **Lab Hours:** 2
Corequisites: ENGL 099
A liberal arts chemistry course for non-science majors beginning with an introduction to the basic principles of chemistry. The relevance of chemistry will then be applied to the world around us, with the focus being environmental issues. Topics include water/air pollution and energy resources. Fundamental lab techniques are also learned.

Course Name: General Chemistry I
Course Number: CHEM 121
Number of credits: 4 Lecture Hours: 4 Lab Hours: 2
Prerequisites: CH 12
Corequisites: PREC 12 (High School) or MATH 100 or MATH 110 and This course is the first semester of first year general chemistry, dealing with the fundamental principles of chemistry. The topics covered include gases, atomic structure and the periodic table, chemical bonding, liquids, solids, solutions and an introduction to organic chemistry. This course is designed for students majoring in sciences or engineering.

Course Name: General Chemistry II
Course Number: CHEM 123
Number of credits: 4 **Lecture Hours:** 4 **Lab Hours:** 2
Prerequisites: CHEM 121

Corequisites: MATH 111(A-) or MATH 113 or MATH 115 and ENGL 098 or equivalent to the existing list of co-requisites.
This course is the second semester of first year general chemistry, dealing with the fundamentals of chemical reactivity. The topics covered include kinetics, chemical equilibrium, thermodynamics, electrochemistry, organic chemistry, stereochemistry and organic reactions. This course is designed for students majoring in sciences or engineering.
Note: For students planning to transfer to university Math, Physics, Chemistry, Computing Science and Engineering, it is advisable to enroll in MATH 113 and then MATH 114.

Course Name: Organic Chemistry I
Course Number: CHEM 210
Number of credits: 4 **Lecture Hours:** 3 **Lab Hours:** 3
Prerequisites: 12 credits and CHEM 123
Corequisites: ENGL 099
This is a course on the fundamental principles of organic chemistry. Topics include a review of bonding and molecular structure, acids and bases, nomenclature, conformational analysis, stereochemistry, reactivity, reaction mechanism and synthesis of the principal organic classes. Students will also learn to use infrared, mass and nuclear magnetic resonance spectroscopy as tools for structure determination.

Course Name: Organic Chemistry II
Course Number: CHEM 220
Number of credits: 4 **Lecture Hours:** 3 **Lab Hours:** 3
Prerequisites: 12 credits and CHEM 210
Corequisites: ENGL 099
This course is a continuation of Chemistry 210, dealing with the fundamentals of organic synthesis and the chemistry of carbonyl-containing compounds. Topics include alcohols, ethers, epoxides, conjugation, resonance, Diels-Alder Reactions, amines, substituted aromatics, amino acids, proteins, carbohydrates and lipids. The applications of standard spectroscopic techniques are discussed.

Course Name: Organic Chemistry I & II
Course Number: CHEM 230
Number of credits: 8 **Lecture Hours**: 6 **Lab Hours:** 6
Prerequisites: CHEM 123
Corequisites: ENGL 099
This course is a study of the fundamental principles of organic chemistry. The course contains the same material as Chemistry 210 together with Chemistry 220. The classroom hours are doubled to allow the course to be delivered in a single semester.

COMMUNICATION

Course Name: Introduction to Communication Theory
Course Number: CMNS 110
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
From viral Instagram images and YouTube channels, to waiting at an airport for the next flight, we barely realize the immense amount of information that surrounds us on a daily basis. How do we make sense of all this information? How much of this information is communication? What is communication? This course addresses these questions (and many more) by providing an extensive exploration of human communication. By surveying perspectives on interpersonal and intercultural communication, understandings of the self, origins of speech, and sign systems (among others), This course explains the complex essence of human communication in a uniquely accessible and engaging way.

Course Name: Explorations in Communication
Course Number: CMNS 130
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
How do popular music, cinema, news, and other forms of entertainment media get made? What makes an internet meme successful? How does “fake news” get generated and disseminated around the world? What role do digital media play in social revolutions and other forms of political change? CMNS 130 Explorations in Communication, looks at these questions and more, examining the social, political, and economic dimensions of communication media in society. communication transform traditional relationships between mass media and society.

Course Name: Visual Communication (pending approval)
Course Number: CMNS 199
Number of credits: 3 Lecture Hours: 4
Prerequisites: 12 credits and CMNS 110 or 130
Corequisites: ENGL 100

With an emphasis on both theoretical and practical approaches, this course introduces students to analytic and creative tools for engaging with the world of visual culture. This course offers an introduction to key theoretical perspectives in visual culture studies, drawing from traditions in communication theory such as semiotics, social theory, and psychoanalysis to interpret international examples from visual culture such as photography, fine art, advertising, social media, graphic design, video games, fashion, graffiti, music videos, television, and film. Students will apply the theoretical knowledge gained to create visual media projects with professional media production equipment and software.

Course Name: Introduction to Intercultural Communication
Course Number: CMNS 205
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CMNS 110 or 130
Corequisites: ENGL 100
An exploration of communication behavior focusing primarily on the nonverbal dimension of interpersonal

communication and emphasizing its cultural implications and its deployment in mass mediated communications. Topics include the relationship of spoken language to nonverbal communication, human versus animal communications, facial expression, body language, gesture, dress and environment. Three frames of reference will guide our examination of these topics: how "face-to-face" interaction between individuals constructs cultural templates; how cultural "texts" and "contexts" mediate the relationship between individuals and societies in cross cultural communications; how actors, politicians, ad makers and other media producers deploy theatrical and technical strategies of interpersonal/nonverbal communication to generate transnational ideas.

Course Name: Social History of the Media
Course Number: CMNS 210
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CMNS 110
Corequisites: ENGL 100
The course explores, from prehistory to the present, the relationship between social change and systems of human communication. We examine the origins of symbolic representation and appraise the consequences of the adoption of symbolizing technologies within a variety of social contexts, from oral culture, through scribal and print cultures, to the globalized networking culture of today. Emerging themes of continuity and change broaden our appreciation of the ways in which our present conditions have been anticipated in earlier times.

Course Name: Understanding Television
Course Number: CMNS 220
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CMNS 110 and CMNS 130
Corequisites: ENGL 100
What is "TV"? Does it still exist? For billions of people worldwide, Netflix, YouTube, and other streaming video platforms have come to dominate our experience of "television". But where do these televisual fixtures of the internet come from, what makes their contents so popular, and how do they work? In this course, we examine the development of television as a precedent-setting mass medium and cultural form, with a critical perspective on how TV is produced, disseminated, monetized, and watched. Through hands-on activities and close viewing of TV shows in class, students will learn strategies and methods for critically viewing the many texts of TV, including close analysis of genre, narrative structures, and how ideology and culture shape these conventions. Students will also critically examine the television industry, its transformation and dominance within digital media platforms, and the multifaceted ways in which TV content works to reproduce cultural, social, and ideological realities in contemporary societies. CMNS 220 Understanding Television, is an illuminating, exhilarating journey through what is one of the most important communication media in modern life.

Course Name: Media, Ideology, and Popular Cultures (pending approval)
Course Number: CMNS 221
Number of credits: 3 Lecture Hours: 4
Prerequisites: 12 credits and CMNS 110 and 130
Corequisites: ENGL 100
This course considers the social and cultural dimensions of the mass media, with a particular focus on intersections between media, audiences, and power. The course will explore the role of culture and discourse in perpetuating relationships of inequality in the globalized capitalist economy. Students will be introduced to key theoretical perspectives in media theory (such as Marxism, psychoanalysis, critical race theory, and feminist theory) which will be applied to examples from popular music, television, film, music videos, and social media. Topics explored include defining culture (and the contested distinctions between "high," "low," and "popular" cultures), the histories of capitalism, imperialism, and globalization, theories of the mass society, audiences in the digital era, and the ecological impacts of technology and consumerism. Lectures, group activities, and class discussion will revolve around the contemporary media landscape, whereby students will be invited to reflect upon their own daily practices of media consumption. Students will additionally engage with the theoretical perspectives and social contexts covered in the course through a final creative media project.
Course Name: Advertising as Social Communication
Course Number: CMNS 223
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CMNS 110 or 130
Corequisites: ENGL 100
Part theoretical, part practical, Advertising as Social Communication presents an exciting selection of ads through the investigative lenses of social communication, consumerism, and representational strategies. As advertising is becoming more and more ubiquitous, multimodal, and manipulative, we continue to remain unaware of the immense persuasive effects it has on us. Thus, this course is designed to foster a critical understanding of advertising as a form of social communication embedded within broader cultural and economic contexts.
Insightful, informative, and [most importantly] intriguing, CMNS 223 outlines the grand scheme of the world of advertising and examines its possibilities for near and not-so-near futures.

Course Name: Cultural Industries in Canada
Course Number: CMNS 230
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CMNS 130
Corequisites: ENGL 100
Much of our everyday information and entertainment is industrially produced and distributed by firms operating

in the cultural sector of the economy. This course examines such “cultural industries” (e.g., print, film, music, broadcasting, and the Internet) by focusing on their business structures and economic conditions, and on the regulatory and policy issues they face. Some important themes include: the public sector/private sector relationship; independent and commercial creators; the rights of creators vs. those of users and distributors; and international dimensions of Canadian cultural production and distribution.

Course Name: Introduction to Information Technology: The New Media
Course Number: CMNS 253
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CMNS 110 or 130
Corequisites: ENGL 100
“Nothing endures but change”, Heraclitus famously wrote. This is perhaps nowhere more apparent than in the realm of digital media. With the proliferation of wikis, chat, online video, mobile and locative apps, automated technologies, and social media platforms, we are living amidst unprecedented possibilities for social change. CMNS 253 examines this exciting, ever-shifting terrain of 21st century new media, and its sociocultural, political, and economic implications. Through hands-on engagement with digital communication platforms, as well as critical theories of technology, students will enhance both their understanding of and facility with the world of participatory and digital media technologies in this course.

CMNS 253 Introduction to Information Technology: The New Media is a uniquely transformative experience. You won’t look at your phone the same way ever again.

Course Name: Research Methods in Communication Studies
Course Number: CMNS 262
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CMNS 110 or CMNS 130
Corequisites: ENGL 100
What is ‘research design’? How can different understandings of ‘reality’ shape what counts as ‘truth’ in a society? Can someone explain what a ‘paradigm’ really is? Research Methods in Communication Studies addresses these questions by presenting the unfolding and expanding trends in qualitative and quantitative inquiry within communication and media studies. Inspired by the truly diverse nature of communicative processes and representations, this course covers key methodological developments and research techniques in the field. It integrates perspectives from the humanities and social sciences to emphasize the purpose, theories, and ethics behind various ‘ways of knowing’ and the significance of communication to almost any human experience.

Research Methods in Communication Studies provides students with a comprehensive and truly interdisciplinary overview of classic and emerging methodologies, methods, designs, techniques, ethical dimensions, and strategies within communication and media research.

COMPUTER SCIENCE

Course Name: Connecting with Computer Science
Course Number: CSCI 101
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: MATH 090
Corequisites: ENGL 097
An overview of the history and fundamentals of computing and the connections with the arts, psychology, and biology. This course provides a thorough and rigorous overview of the fundamental issues concerning both hardware and software. No prior computing background is required.

Course Name: Introduction to Computer Science and Programming I
Course Number: CSCI 120
Number of credits: 3 **Lecture Hours:** 5
Corequisites: PREC 12 or MATH 100 or MATH 110 and ENGL 097
This course is an introduction to computing science and program design, suitable for students with little or no programming background. Students will learn fundamental concepts and terminology of computing science, acquire introductory skills for programming in a high-level language, and be introduced to the diverse fields and applications of computing science.

Course Name: Introduction to Computer Science and Programming II
Course Number: CSCI 125
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: CSCI 120
Corequisites: ENGL 098
A rigorous introduction to computing science and computer programming, suitable for students who already have some background in computing science and programming. Students will learn the fundamental concepts of computing science and develop basic skills in software development. Topics include the following: the history of computing science; review of elementary programming; data types and control structures; fundamental algorithms; abstract data types; elementary data structures; basic object-oriented programming and software design; elements of empirical and theoretical algorithmic; computability and complexity; design, specification and program correctness.

Course Name: Introduction to Digital and Computer System Design
Course Number: CSCI 150
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: CSCI 120
Corequisites: ENGL 098
Note: MATH 120 is strongly recommended before taking this course.

This course introduces students to the basic concepts of digital logic design and the function and use of typical digital components belonging primarily to the small and medium scale integration (SSI, MSI) families. The design principles will be used to develop an understanding of how the functional capabilities can be provided by hardware for the operation of a microprocessor. In addition, this course will introduce the student to machine language, its relationship to the design of a computer, and its symbolic representation as assembly language. The assembly language of a particular CPU will be used to illustrate machine language programming concepts. An interactive logic simulation environment for designing and testing logic circuit design will be used for the assignments.

Course Name: Introduction to the Internet and the World Wide Web
Course Number: CSCI 165
Number of credits: 3 **Lecture Hours:** 5
Corequisites: ENGL 098
This course is an elementary introduction to the Internet and the World Wide Web. Students will learn the client-server model, Internet protocols, domain names and URLs, websites and Web hosting. They will also learn HTML, CSS, JavaScript and XML. Students will program both in client and server-side environments and develop data-driven Web applications. They will also learn to deploy applications on web hosting servers.

Course Names: Data Structures and Programming
Course Number: CSCI 225
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: 12 credits and CSCI 125 and ENGL 099
This course will explore ideas of data and program organization that allow complex tasks to be solved in simple and elegant ways. In order to manage the complexity of programs, we will look at program design and organization ideas such as abstract data types and object-oriented programming. We will gain practical experience of these ideas by considering their implementations in the C++ programming language.

Course Name: Introduction to Computers and Information Systems in Business
Course Number: CSCI 237
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: 12 credits and ENGL 099.
Note: this course cannot be used as a 2nd Year Science course.
This course is designed to make students knowledgeable about the fundamentals underlying the design, implementation, control, evaluation, and strategic use of modern, computer-based information systems for business data processing, office automation, information reporting, and decision making. The course also provides hands-on experience in the use of computers, with particular emphasis on personal productivity tools. Advanced and post-advanced topics of business software MS Office will be introduced.

Course Name: Introduction to Computer Architecture
Course Number: CSCI 250
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: 12 credits and CSCI 150 and ENGL 099
This course describes the general organization and architecture of computers, identifies the major components of computers, and studies their functions. Topics include the following: processor organization; control logic design; memory systems; instruction set architecture; and architectural support for operating systems and programming languages. A hardware description language will be used as a tool to express and work with design concepts.

Course Name: Software Engineering
Course Number: CSCI 275
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: 12 credits and CSCI 225 and MATH 120 and MATH 113 (**or** MATH 111 with a B+ **or** MATH 115 with a C)
Corequisites: ENGL 100
This course introduces the basic concepts and modern tools and techniques of Software Engineering. The course emphasizes: the development of reliable and maintainable software via system requirements and specifications; software design methodologies including object-oriented design, implementation, integration, and testing; software project management; life-cycle documentation; software maintenance; and consideration of human factors and ethical issues. The course provides experience in working as a team to produce software systems that meet specifications, while satisfying an implementation schedule. Students are trained to produce professional quality oral/written presentations of system designs, reviews, and project demonstrations.

CRIMINOLOGY

Course Name: Introduction to the Criminal Justice System
Course Number: CRIM 100
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This course provides an introductory analysis of the Canadian criminal justice system and its various elements with reference to the nature of criminal law, the philosophy of crime control, criminal justice policy, and current trends/patterns of crime in Canada. Students will study the various components that form the processes by which Canada responds to criminal behavior. They will survey each of these components, such as the police, courts, and corrections, and will evaluate their impact on achieving justice.

Course Name: Introduction to Canadian Law and Canadian Legal Institutions
Course Number: CRIM 135
Number of credits: 3 **Lecture Hours:** 4

Corequisites: ENGL 099
This course focuses on the history, development, and present-day operation of the Canadian legal system. The topics that will be examined include: constitutional law, criminal, contract and tort law; human rights, administrative law, the court system, the functions of lawyers and judges and the basic elements of legal reasoning

Course Name: Introduction to Criminology
Course Number: CRIM 150
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This course will introduce students to the discipline of Criminology, the study of crime and criminalization, as well as the criminal justice system. Students will examine the core concepts, basic data sources, and general research findings in the field of criminology, with particular attention to Canadian developments. Students will be introduced to the historical foundations and evolution of criminological thought, with an emphasis on key concepts such as crime, criminality, deviance, deterrence and rehabilitation. Other areas of interest that will be explored: Criminology as a body of knowledge and as a profession and its relationship to other disciplines; prominent criminological theories and approaches; and the relationship between theory and practice/policy.

Course Name: Historical Perspectives in Criminal Justice
Course Number: CRIM 203
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CRIM 100 or 150 OR HIST 110 or 120
Corequisites: ENGL 100
A historical review of society's reaction to crime and deviance and the continued pattern of the operation of the criminal justice system in the United Kingdom and North America, including within and impacting Indigenous cultures. The course relates this history to various political, legal, social, theoretical, philosophical movements and schools of thought. The development of the criminal law is traced through the development of the police institution, the judiciary and courts, and the birth of the prison and other secure institutions designed to control the deviant. Consideration of the history, transformation and evolution of punishment and imprisonment practice. This course provides in-depth examination of historical forces influencing the development, implementation, and modification of criminal justice approaches.

Course Name: Psychological Explanations of Criminal Behavior
Course Number: CRIM 251
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSYC 110
Corequisites: ENGL 100
Students will be introduced to and critically examine neurophysiological, bio-genetic, psychiatric, and psychological explanations of deviant and criminal behavior. They will pay special attention to research that explores associations between criminality and genetics, brain chemistry, the endocrine system, mental disorders, personality, moral development, and various forms of social learning.

Course Name: Introduction to Policing
Course Number: CRIM 220
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and one of CRIM 100, 135 or 150
Corequisites: ENGL 100
An examination of the organization and operation of contemporary Canadian policing. Consideration of the history and development of policing in Canada, the role of the police in Canadian society and the police occupation, including recruitment and training. Discussion of police decision making and the exercise of discretion, police powers, and structures of accountability. Managing the police organization. Examination of police-community relations and crime prevention initiatives.

Course Name: Sociological Explanations of Crime and Deviance
Course Number: CRIM 252
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and CRIM 150 and SOCI 110
Corequisites: ENGL 100
This course introduces students to sociological theories of crime and deviance that have made significant contributions to the development of the discipline of Criminology. Theories will be examined in their historical, social, and political contexts, with a focus on how constructions of crime and deviance have changed over time. Many of the prominent theories covered during this course include social ecology and strain, social learning, subcultural theories and group conflict, social control, labeling perspectives, feminist, and other critical perspectives. In addition to tracing the roots of contemporary theories to earlier frameworks, students are introduced to current applications of these theories and their policy implications.

ECONOMICS

Course Name: Introductory Economics
Course Number: ECON 101
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 098
This course provides an introduction to the principles of economics for students with no background in the subject. Throughout this course students will be asked to consider the “Economic Way of Thinking”. How are the choices of many self-interested individuals coordinated in a market? Topics include a) Microeconomics: demand, supply, equilibrium, elasticity, sunk cost vs

marginal cost, comparative advantage and the problem of market power; and b) Macroeconomics: aggregate statistics, money, Classical vs Keynesian theories of coordination, fiscal and monetary policy, exchange rates, and the balance of payments.

Course Name: Principles of Microeconomics
Course Number: ECON 103
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: ECON 101 or MATH 100 or MATH 110 or PREC 12 (High School)
Corequisites: ENGL 098
This course provides a rigorous introduction to modern price theory. Topics include the theory of choice, exchange, the theory of the firm, elements of market structure and public goods, and externalities.

Course Name: Principles of Macroeconomics
Course Number: ECON 105
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: ECON 101 or MATH 100 or MATH 110 or PREC 12 (High School)
Corequisites: ENGL 098
This course provides an introduction to macroeconomic theory, with special reference to the Canadian economy. "Model Building" is emphasized. Topics covered include Canada's national accounts, the measurement of inflation, growth and unemployment, an open economy model for Canada, elements of money and banking, and fiscal, monetary, and trade policy.

Course Name: Managerial Economics
Course Number: ECON 207
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ECON 103 (min C) and ECON 105 and ENGL 099 and MATH 111 or 113 or 115
This is a course in price theory at the intermediate level, focusing on topics that are relevant to managerial decision making. Topics include the theory of demand, production and cost, market structure, strategic behavior and game theory, the role of government, and forecasting and estimation techniques.

Course Name: Wealth and Poverty of Nations
Course Number: ECON 234
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ECON 103 and ECON 105
Corequisites: ENGL 100
This course introduces students to the subject of poverty and inequality. In particular, we will study the measurement of inequality and poverty, and investigate the causes of inequality between societies and across nations. The topics covered in this course include concepts and measurement of poverty and inequality, the global distribution of income and wealth, and how Canada fits within the global context. Finally, we will embark on a search for the causes and determinants of inequality from economic, political, and institutional aspects.

Course Name: Money, Banking, and Financial Markets
Course Number: ECON 240
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ECON 103 and ECON 105
Corequisites: ENGL 100
This course provides an introduction to monetary and financial economics, with special reference to the Canadian economy. Topics covered include fundamentals of financial markets and instruments, the term structure of interest rates, the nature and functions of money, money and the real economy, monetary policy in Canada, and open-economy monetary analysis.

Course Name: Environmental Economics
Course Number: ECON 260
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ECON 103 and ECON 105
Corequisites: ENGL 100
This course applies the tools developed in ECON 103 and ECON 105 to current environmental issues. Topics covered include externalities, problems of common property, the costs and benefits of recycling, harvesting the "correct" number of trees, and homesteading unowned resources.

Course Name: Canadian Microeconomic Policy
Course Number: ECON 290
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ECON 103 (with a minimum grade of C) and ECON 105
Corequisites: ENGL 100
This course applies the tools developed in Economics 103 to current issues in the Canadian economy. Topics include opportunity cost, economic efficiency, dead weight loss, the effects of taxes and subsidies, an economic analysis of marketing boards, the redistribution of income, and market failure.

Course Name: Canadian Macroeconomic Policy
Course Number: ECON 291
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and MATH 111 **or** 113 or 115 and ECON 103 and ECON 105 (with a minimum grade of C)
Corequisites: ENGL100
This course applies the tools developed in Economics 105 to current issues in the Canadian macro economy. Topics covered include Canada's macroeconomic history, fiscal and monetary policy issues, government debt and deficits, NAFTA and the FTA, the Canadian balance of payments, and the value of the Canadian dollar.

ENGLISH

Course name: English Preparation

Course Number: ENGL 098
Number of credits: 0 **Lecture Hours:** 8
Prerequisites: ENGL 097
Corequisites: WD 098
This is an English preparatory course for students in the university transfer program. The course covers all aspects of language development, with particular attention to the reading, writing, listening and speaking skills needed for university-level work. **Note:** ENGL 098 students are permitted to concurrently take a maximum of two (restrictions apply) university transfer credit courses.

Course Name: Writing Discourse
Course Number: WD 098
Number of credits: 0 **Lecture Hours:** 8
Prerequisites: ENGL 097
Corequisites: ENGL 098
This course requires intensive practice in the writing of short academic prose with a special emphasis on paragraph development and sentence level skills. Students who do not earn a C in WD 098 may advance to English 099 but must repeat WD 098 concurrently with English 099. A minimum grade of C is required in this course in order to advance to English 100.

Course Name: Advanced College Preparation
Course Number: ENGL 099
Number of credits: 0 **Lecture Hours:** 8
Prerequisites: ENGL 098 (C)
This course is an advanced English preparatory course. The course focuses on university-level reading, writing, listening and speaking skills. Students develop skills in summary writing, essay writing, research and documentation of sources in MLA format. Students also participate in oral presentations. Writing is in response to text and supplementary readings (or various media) in a variety of subject areas and rhetorical styles. Particular attention is paid to integrating and synthesizing sources and avoiding plagiarism. Through discussion and written work, students will develop their critical thinking skills. **Note:** Students who do not earn a C in WD 098 must see a counsellor before registering in ENGL 099. There will be a hold on their registration until they do so.

Course Name: Language and Composition
Course Number: ENGL 100
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: ENST 12 (C) High School, **or** ENGL 099 (C) and WD 098 (C)
This is a course in the fundamentals of university-level reading and writing. Students will analyze university-level prose and write academic papers for a variety of purposes. Attention is given to the writing process, rhetorical strategies, paragraph development, grammar, mechanics, and style. Through the writing of a research paper, students are introduced to research techniques and documentation of sources in MLA format.

Course Name: Approaches to Academic Writing
Course Number: English 101
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: ENST 12 (C+) High School **or** ENGL 100 (C)
This is an intensive course in advanced academic writing. Students will be given opportunities to summarize, analyze and evaluate academic texts from a variety of disciplines. To better prepare students to become critical readers and writers, the academic argumentative essay will be the central focus of discussion with notice given to the understanding and use of persuasive strategies. Students also write a formal research paper in which they develop their skills in the use of scholarly research and documentation of sources. Time and attention are given to drafting of paragraphs and essays, allowing the students to focus on revising their work.

Course Name: Introduction to Literary Non-Fiction
Course Number: ENGL 108
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: ENST 12 (C+) High School **or** ENGL 100 (C) **or** ENGL 101 (C)
This course is an introduction to the study of nonfiction prose and to the principles and practice of expository writing. Readings will range from the origins of literary nonfiction (letters and diaries) to modern personal essays to larger works (biography/memoir) by some important writers of the 20th and 21st centuries. Students will develop a critical understanding of the literary, social, and cultural dimensions and contexts of these various forms of nonfiction writing and will also develop skills in literary analysis, focusing on the communication of this analysis in essay form, while using terminology appropriate to the conventions of the genre.

Course Name: 20th Century Poetry and Fiction
Course Number: ENGL 110
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: ENST 12 (C+) High School **or** ENGL 100 (C) **or** ENGL 101 (C)
This course is an introduction to the study of 20th and 21st century short fiction and poetry and to the principles and practice of expository writing. Students will develop a critical understanding of the literary, social, and cultural dimensions and contexts of these genres and will also develop skills in literary analysis, focusing on the communication of this analysis in essay form, while using terminology appropriate to the conventions of the two genres.

Course Name: Introduction to the Novel
Course Number: ENGL121
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: ENST 12 (C+) High School **or** ENGL 100 (C) or ENGL 101 (C)
This course is an introduction to the study of novels written since the 19th century and to the principles and

practice of expository writing. Students will develop a critical understanding of the literary, social, and cultural dimensions and contexts of the genre and will also develop skills in literary analysis, focusing on the communication of this analysis in essay form, while using terminology appropriate to the conventions of the genre.

Course Name: Introduction to Drama
Course Number: ENGL 131
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: ENST 12 (C+) High School **or** ENGL 100 (C) **or** ENGL 101 (C)
This course is an introduction to the study of Western drama (from its origins in Greek plays to contemporary theatre) and to the principles and practice of expository writing. Students will develop an understanding of several critical approaches to literature, as they consider the literary, social, and cultural contexts of the works they study. Students will also develop their skills in literary analysis, focusing on the communication of this analysis in essay form, while using terminology appropriate to the conventions of the genre. A field trip to a local theatre performance is usually included in the course.

Course Name: English Literature to the Restoration
Course Number: ENGL 210
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ENGL 100 **or** ENGL 101 and C in one of ENGL 108, 110, 121, or 131
This course is the study of English literature from the Middle Ages to the Restoration. Students will develop an understanding of the ideas, social movements, historical contexts, and literary conventions that influenced selected works and will demonstrate informed literary analysis and proper use of appropriate terminology through oral presentations and written essays.

Course Name: Popular Fiction
Course Number: ENGL 215
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ENGL 100 **or** ENGL 101 and C in one of ENGL 108, 110, 121, or 131
This course is the study of popular prose fiction from the 19th century to the present, with a focus in any given semester on a specific genre to be determined by the instructor. Genres for selection include, but are not limited to, gothic, historical, science fiction, mystery, and women's fiction. Students will develop an understanding of the ideas, social movements, historical contexts, and literary conventions that influenced selected works and will demonstrate informed literary analysis and proper use of appropriate terminology through oral presentations and written essays.

Course Name: English Literature from the Restoration
Course Number: ENGL 220
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ENGL 100 or ENGL 101 and C in one of ENGL 108, ENGL 110, ENGL 121, or ENGL 131
This course is the study of movements in English poetry and prose beginning with Romanticism in the late 18th century and ending with the early modern period in the 20th century. Students will look in some detail at individual writers, their works and ideas, and also gain insight into the cultural and historical forces that shaped these literary movements. The three distinct periods examined are the Romantic Period (1780-1830), the Victorian Period (1830-1902), and the Early Modern Period (1902-1960). Students will demonstrate informed literary analysis and proper use of appropriate terminology through oral presentations and written essays.

Course Name: Modern Canadian Literature
Course Number: ENGL 230
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ENGL 100 or ENGL 101 and C in one of ENGL 108, ENGL 110, ENGL 121, or ENGL 131
This course is the study of modern Canadian fiction. Course content may include poetry, prose and drama. Students will expand their understanding of the major themes, styles, and techniques of modern Canadian writers. Students will become familiar with the tenets and precepts of literary criticism as it pertains to modern and contemporary Canadian literature. Students will demonstrate informed literary analysis and proper use of appropriate terminology through oral presentations and written essays.

Course Name: Introduction to Dramatic Forms and Conventions
Course Number: ENGL 231
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and ENGL 100 or ENGL 101 and C in one of ENGL 108, ENGL 110, ENGL 121, or ENGL 131
This course is the study of the major dramatic forms of the late nineteenth into the twentieth centuries. Playwrights whose work will be considered include Anton Chekhov, Henrik Ibsen, George Bernard Shaw, Susan Glaspell, Harold Pinter, David Mamet, John Osborne, Tom Stoppard, Tennessee Williams, and Samuel Beckett. The course includes an exploration of the changes in acting, staging techniques and conventions, theatrical architecture, and social content. The course includes theatre-going and film-viewing. Students will demonstrate informed literary analysis and proper use of appropriate terminology through oral presentations and written essays.

Course Name: Modern American Literature
Course Number: ENGL 240
Number of credits: 3 **Lecture Hours:** 4

Prerequisites: 12 credits and ENGL 100 or ENGL 101 and C in one of ENGL 108, ENGL 110, ENGL 121, ENGL 131
This course is the study of the forms of Modern American Literature. Prose, poetry and drama may be included in the course. Students will study material that illustrates and criticizes some of the most common themes in American writing, including the American Dream, rugged individualism, the road west, and race relations. Students will demonstrate informed literary analysis and proper use of appropriate terminology through oral presentations and written essays.

FRENCH

Course Name: Introductory French I
Course Number: FREN 101
Number of credits: 3 **Lecture Hours:** 5
Corequisites: ENGL 099
This is an introductory course for students with no previous knowledge of French. The course is designed to give students a basic grounding in the French Language. Classes will survey some important features of the French Language, focusing on basic grammar and vocabulary, and will also explore various Francophone cultures, primarily from Canada and France. All activities will require interactive communication to reinforce learning.

Course Name: Introductory French II
Course Number: FREN 102
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: FREN 101
Corequisites: ENGL 099
This course builds on the topics introduced in FREN 101, through further explorations of various Francophone cultures, primarily from Canada and France. All activities will require interactive communication to reinforce learning.

GEOGRAPHY

Course Name: Introduction to Human Geography
Course Number: GEOG 100
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This course explores basic concepts in human geography which are essential to understanding the changing relationship between people and places around the world. Our course will focus on the interdependence between society and space, examining economic, political and cultural interactions in an increasingly globalized world. Topics will include core concepts such as place and scale, core-periphery dynamics, place and landscape, economic development, cultural transformation, agriculture, population geography and migration, urbanization, and environmental problems.

Course Name: Climate Change and Society
Course Number: GEOG 104
Number of Credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This course introduces the fundamental physical principles governing Earth's climate, climatic response to anthropogenic factors, and impacts to both natural and human systems. The course also explores climate models and emissions scenarios, approaches to mitigation and adaptation, and the challenge of implementing solutions on a global scale. Taking this course will allow students to acquire an appreciation of how human activities and Earth's climate are interrelated, and the urgency for effective climate action.

Course Name: Introduction to Physical Geography
Course Number: GEOG 111
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
The surface of the Earth is an extremely dynamic environment where forces and processes driven by internal and external sources of energy interact to create climate, landforms and landscapes. Students will examine the principles and processes governing climate, landforms, vegetation systems and their interrelationships, as well as natural and human-induced changes to environmental systems. The effects of solar energy, climate, tectonic activity, gravity, weathering, as well as erosion and sediment transport from glaciers, rivers, waves, and wind will be discussed within the context of physical geography. Taking this course will allow students to acquire an appreciation of how processes and flows of energy between the atmosphere, hydrosphere, lithosphere and biosphere are interrelated, and how they are impacted by human activities.

In-class laboratory exercises address techniques of measurement, as well as representation and analysis of environmental systems through maps, satellite imagery, and online visualizations.

Course Name: Social Geography
Course Number: GEOG 200
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: GEOG 100
Corequisites: ENGL 100
This course investigates the key concepts of, and approaches to, social geography – a rich and dynamic subfield of human geography. Social geographers conceptualize place and space as playing an active role in mediating social processes. In other words, space and society are mutually constituted. GEOG 200 investigates the role of space and place in the (re)production of identities, social hierarchies, exclusions and inclusions, and other social constructions in the contemporary context. From themes of gender, class, race, sexuality, and ability, across a variety of scales, this course will help students think critically about the role that geography plays in shaping our understandings of the world and each other.

Course Name: Environment and Society: The Geography of Environmental Challenges
Course Number: GEOG 230
Number of Credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and GEOG 100
Corequisites: ENGL 100
This course explores the spatial dimensions of contemporary global environmental change and the complex relations between the environment and society in the 21st century. Throughout the semester, students will investigate and learn about a broad range of contemporary environmental challenges such as the water crisis, food security, biodiversity loss, land use change, climate change, indigenous land rights, and resource extraction. Students will learn to approach these challenges through a variety of theories and distinctive lenses, including political economy, hazards' geography, political ecology, and environmental justice. In doing so, students will learn to identify and evaluate theories about the causes of environmental problems and also work to propose potential solutions for resolving such problems on a variety of scales.

Course Name: Introduction to Geographic Information Science
Course Number: GEOG 255
Number of Credits: 3 Lecture Hours: 2 **Lab Hours:** 2
Prerequisites: 12 credits and GEOG 111
Corequisites: ENGL 100
This course introduces students to the theory of Geographic information Science (GIScience) and practice of Geographic Information System (GIS). While GIScience seeks to understand the nature of geographic phenomena and the value of geographic information, GIS is a set of powerful tools for handling, manipulating and representing spatial data. The course will have both theoretical and practical components. During lectures, students will learn about GIS as a science and explore the underlying concepts and theory to better understand how to use GIS technology for geographic inquiry. The emphasis will be placed on issues surrounding data capture, representation and manipulation as well as on spatial analysis and effective visualization and communication of spatial information. The practical component will reinforce GIS concepts through hands-on exercises using commercial GIS software. These exercises will allow students to acquire, evaluate, prepare and edit data for analysis as well as analyze and visualize geographic processes, relationships, and patterns.

Throughout this course, students will build a strong theoretical foundation and develop technical skills that they can apply in a wide variety of fields such as social and environmental sciences, resource management, forestry, agriculture, geology, waste management, environmental monitoring, waste management, crime analysis, health care, transportation, telecommunication, and business.

HEALTH SCIENCES

Course Name: The Foundations of Health Sciences
Course Number: HSCI 130
Number of credits: 4 **Lecture Hours:** 3 **Lab Hours:** 2
Pre-requisites: High School Biology 12 or Chemistry 12
Corequisites: ENGL 099
Health Science is the interdisciplinary study of health from a number of different perspectives, including biology, medicine, psychology, sociology, and economics. This survey course provides an introduction to the study of Health from a number of these perspectives. The student is introduced to a plethora of different tools and methods for analyzing health and illness as it pertains to both individuals and human populations. Course lectures emphasize concepts of human health and illness, while the lab section of the course introduces students to the quantitative science of epidemiology.

HISTORY

Course Name: Canada to 1867
Course Number: HIST 110
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This course is an introduction to the history of Canada from the period of earliest human occupation to Confederation in 1867. The course focuses on major themes in Canada's past, including the diversity of early First Nations' cultures, Indigenous and settler relations, colonialism, immigration, the fur trade, gender roles, family structures, and social reform. A brief framework of the approaches and methods that historians use to study the past is presented.

Course Name: Canada from 1867
Course Number: HIST 120
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This course is an introduction to the history of Canada from 1867 to the present. The course examines key themes and processes that have shaped Canada as a nation, including Indigenous state relations, industrialization and immigration, regional and national identities, Canada's position in international politics, Quebec sovereignty, education, and social change. The course draws from a wide range of sources, including literature, video material and historic sites to present a brief framework of the methods that historians use to study the past.

Course Name: World History Since 1500
Course Number: HIST 202
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and HIST 110 **or** HIST 120
Corequisites: ENGL 100

This course is a survey of human societies and cultural interactions in world history from 1500 CE to the present. In particular, students will investigate major ideas and patterns in world history, the roles of empires and trade, and the interaction of cultures from around the world as drivers in a long history of globalization. Through the use of historical documents, video material, maps and material culture, students will understand how and where the world became interconnected.

Course Name: Indigenous Histories and Canada
Course Number: HIST 209
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and HIST 110 **or** HIST 120
Corequisites: ENGL 100
In this survey course, students will trace the history and development of Indigenous peoples as Canada established itself as a nation. Topics include pre-colonial Indigenous cultures and systems of governance, initial contacts with Europeans, early acts of resistance, shifts in government policy at Confederation, settler colonialism and attempts to erase Indigenous cultures, the legacy of residential schools, resistance in the late 20th century, experiences of Indigenous women, the Truth and Reconciliation Commission, access to traditional resources, and modern health issues.

Course Name: Nineteenth Century Europe
Course Number: HIST 211
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and HIST 110 **or** HIST 120
Corequisites: ENGL 100
This course is a survey of Europe's long nineteenth century, from the French Revolution to the outbreak of the First World War. Themes will include revolution, class conflict, gendered social orders, the formation of new states, the growth of imperialism, and the cultural and political traditions that have shaped Europe's modern age. Students will learn to see connections across time and space and to analyze larger themes in nineteenth century European history, while developing the skills to critically analyze primary sources.

Course Name: Twentieth Century Europe
Course Number: HIST 212
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and HIST 110 **or** HIST 120
Corequisites: ENGL 100
This course examines Europe in the twentieth century, from the outbreak of the First World War to contemporary challenges with unification. Often labelled as the "Age of Extremes," Europe is marked by revolutions, two world wars, genocide, experiments with political ideologies and the Cold War at the same time as the introduction of the social-welfare state, technological and artistic innovation, decolonization, and the European Union. Course materials will include historical documents, memoirs, films, and political manifestos to survey how past events impact modern movements, institutions, and idea in the world today.

LATIN AMERICAN STUDIES

Course Name: Latin American Studies
Course Number: LAST 100
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This survey course studies one of the most dynamic regions on the planet: Latin America. The course introduces students to the cultures, societies, and languages of Latin America's ancient and modern peoples. An interdisciplinary approach integrates analyses from history, politics, economics, geography, anthropology, and cultural studies to provide a comprehensive overview of this progressive but complex group of twenty-two countries.

MATHEMATICS

Course Name: Pre-calculus
Course Number: MATH 100
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: Math Placement Test (MPT 1 with 24 or MPT 2 with 12) **or** MATH 110 with D **or** FOM 12 with C (High School) **or** MATH 105 with C- or PREC 11 with C (high School)
This course is designed both for students who need to improve their background in mathematics before attempting a calculus course and Social Science students who need credits to fulfill their Associate Degree requirement. Math 100 is an introductory college mathematics course designed to provide a strong background in algebra, elementary functions including polynomial, exponential, logarithmic functions, and trigonometry as preparation for a calculus course.

Course Name: Introductory Statistics
Course Number: MATH 105
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: Math Placement test (MPT 1 with 12 or MPT 2 with 0) **or** High School: PREC 11 with B **or** PREC 12 with C- **or** FOM 12 with C-
This is an introductory course in statistics based on elementary algebra. The emphasis is on applications rather than theory. This course is designed primarily for Social Science students who need credits to fulfill their associate degree requirement, but Science students can also take it and get credit for it. It is a good preparation for Mathematical Statistics, MATH 206.

Course Name: Pre-calculus Plus
Course Number: MATH 110
Number of credits: 3 **Lecture Hours:** 8
Prerequisites: Prerequisites: Math Placement Test (MPT 1 with 12 or MPT 2 with 0) **or** High School: FOM 12 with C- **or** PREC 11 with C-
Note: Credit will not be granted for both Math 100 and Math 110.
Precalculus Plus is a comprehensive first year university mathematics course designed to prepare students to take university-level calculus courses for Social

Sciences or for Physical Sciences or Engineering. The course begins with a review of algebra followed by a detailed study of functions used in calculus including exponential logarithmic and trigonometric functions and their graphs. MATH 110 has the same learning outcomes as MATH 100 but has extra time allocated to it so as to allow coverage of some additional basic topics at the start of the course.

Course Name: Calculus I for Business and Social Sciences
Course Number: MATH 111
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: Math Placement Test (MPT 2 with 24) **or** MATH 100 (C-) **or** MATH 110 (C-) **or** High School: PREC 12 (C)
Note: Credit will only be granted for one of MATH 111 **or** MATH 113 **or** MATH 115
This is the first course in calculus, and it is a requirement for students in Business/Commerce and Economics. Topics include review of basic functions, limits, derivatives, and applications of derivatives. The emphasis is on applications and examples rather than theory. The course covers review of elementary functions, limits, continuity, derivatives and antiderivatives of the elementary functions, and applications of the derivative in graphing and extremum problems.

Course Name: Calculus II for Business and Social Sciences
Course Number: MATH 112
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: MATH 111 **or** MATH 113 **or** MATH 115
Corequisites: ENGL 098
This is continuation of Math 111 and is intended for students in Commerce, Economics, or Business. Topics include integration, applications of integration, introduction to multivariable calculus, sequences and series. This is a required course for students doing Associate Degree in Economics.

Course Name: Calculus I
Course Number: Mathematics 113
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: Math Placement Test (MPT 2 with 32) **or** MATH 100 (B) **or** MATH 110 (B) **or** MATH 111 **or** High School: PREC 12 (C)
Note: Credit will be granted for only one of MATH 111 or MATH 113 or MATH 115. This is the first course in calculus deigned for students majoring in Math, Physics, Chemistry, Computing Science, and Engineering (Students continuing on to university in these fields are advised to take MATH 114 after MATH 113). MATH 113 covers continuity, derivatives and antiderivatives of the elementary functions, and applications of the derivative in graphing and extremum problems.

Course Name: Calculus II
Course Number: MATH 114
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: MATH 113 (C-) **or** MATH 111 (A) **or** MATH 115 (C)
Corequisites: ENGL 098
Note: This is the second course in calculus deigned for students majoring in Math, Physics, Chemistry, Computing Science and Engineering. Students continuing on to a university in these fields are advised to enroll in MATH 113 and then MATH 114.
MATH 114 is a continuation of MATH 113, covering antiderivatives, techniques of integration, definite integrals, applications of integrals, sequences and series, and Taylor polynomials and series. It is a required course for both Associate of Science (Math) students and certain Science majors at university.

Course Name: Calculus I for the Life Sciences
Course Number: MATH 115
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: Math Placement Test (MPT 2 with 30) **or** MATH 100 (B-) **or** MATH 110 (B-) **or** MATH 111 **or** PREC 12 with C (High School)
Note: Credit will only be granted for one of MATH 111, MATH 113, **or** MATH 115.
This is the first course in calculus designed for students majoring in the Life Sciences or Biology. Topics include review of basic functions, limits, derivatives, and applications of derivatives. The emphasis is on examples and applications in Zoology, Botany, Biochemistry, Microbiology, Genetics, Paleontology, Marine Biology and Ecology.

Course Name: Calculus II for the Life Sciences
Course Number: MATH 116
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: MATH 115 (C-) **or** MATH 113 (C-) **or** MATH 111 (A-)
Note: Credit will be granted for only one of MATH 112, MATH 114, or MATH 116.
This course is a continuation of MATH 115 and is designed for students majoring in the Life Sciences. The emphasis is on examples and applications of integration, probability, and differential equations in Zoology, Botany, Biochemistry, Microbiology, Genetics, Paleontology, Marine Biology and Ecology.

Course Name: Discrete Mathematics
Course Number: MATH 120
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: MATH 100 (B) **or** MATH 110 (B) **or** MATH 111 **or** MATH 113 **or** MATH 115 **or** High School: PREC 12 (B)
This is the first course in discrete mathematics with introduction to logic and formal reasoning. Topics include fundamental principles of counting and logic, set theory, mathematical induction, properties of integers, relations and functions. The course is primarily designed for Mathematics, Computer Science, and Science students, but Social Science students who need credits to fulfill their associate degree requirement can also

benefit from it. It is a required course for Associate Degree in Mathematics students.

Course Name: Mathematical Statistics
Course Number: MATH 206
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits
Corequisites: MATH 114 **or** MATH 116
This is a calculus-based introduction to probability and mathematical statistics. Topics include random variables and the special distributions of statistical theory. The course is primarily designed for Mathematics, Computer Science, and Science students, but Social Science students majoring in Business and Economics can also get required credit for it.

Course Name: Calculus III
Course Number: MATH 213
Number of credits: 3 **Lecture Hours:** 5
Prerequisites: 12 credits and MATH 114 (C-) or MATH 116 (C)
An introduction to calculus of several variables, treating limits and continuity, partial derivatives, extrema, the chain rule, double, triple and path integrals. The course is designed for Mathematics, Computer Science, and Science students. It is a required course for Associate Degree in Mathematics students.

Course Name: Calculus IV
Course Number: MATH 214
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and MATH 213.
This is a course in vector calculus that applies calculus to vector functions of a single variable as well as to scalar and vector fields. Topics include gradient, divergence, curl, line and surface integrals, the divergence theorem and the theorems of Green and Stokes. The course is designed for Mathematics, Computer Science and Science students.

Course Name: Mathematical Proof
Course Number: MATH 215
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and MATH 114 **or** 116.
This is a second-year course for students majoring in Mathematics and Science. The emphasis is on understanding different proof techniques in mathematics and writing correct and clear proofs.

Course Name: Discrete Mathematics II
Course Number: MATH 221
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and MATH 120 with C-
This is a second course in discrete mathematics – a continuation of MATH 120. Topics include relations, the principle of inclusion and exclusion, generating functions, recurrence relations, introduction to graph theory and trees. This course is designed for students of Mathematics, Computer Science, and Engineering.

Course Name: Analysis I
Course Number: MATH 225
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and MATH 114 (C-) **or** MATH 116 (C+) and either MATH 120 **or** MATH 215
This is the first course in pure mathematics, introducing the ideas of limits, convergence and divergence of sequences. The course is designed for students majoring in Mathematics, Science, Engineering, and Theoretical Computer Science. It is a required course for Associate Degree in Mathematics students.

Course Name: Introduction to Ordinary Differential Equations
Course Number: Mathematics 230
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and MATH 114 (C-) **or** MATH 116 (C) **and** MATH 252
Note: Credit will be granted for only one of MATH 230 or MATH 235.
This is an elementary course in differential equations, introducing techniques for solving first, second, and higher order linear differential equations, systems of ordinary differential equations and the Laplace Transforms. The course is designed for Science students and particularly for those majoring in Mathematics and Computer Science. It is a required course for Associate Degree in Mathematics students.

Course Name: Introduction to Differential Equations for Engineers
Course Number: MATH 235
Number of credits: 4 **Lecture Hours:** 5
Prerequisites: 12 credits and MATH 114 (C-) or MATH 116 (C)
Corequisites: MATH 252
This course is an introduction to differential equations for students who intend to study engineering. Besides first and second order ODEs, linear systems and Laplace transforms, the syllabus also includes Fourier series and some basic partial differential equations.

Course Name: Linear Algebra and Differential Equations
Course Number: MATH 252
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits
Corequisites: MATH 114 **or** MATH 116
An introduction to linear algebra including theory and application of vector spaces, linear transformations and matrices, eigenvectors and eigenvalues and inner product spaces. The course is designed for Science students and particularly for those majoring in Mathematics and Computer Science. It is a required course for Associate Degree in Mathematics students.

PHILOSOPHY

Course Name: Introduction to Philosophy
Course Number: PHIL 101

Number of credits: 3 **Lecture Hours:** 4
Prerequisites: ENGL 099
This course is an introduction to the scope and methods of philosophical inquiry. Topics may include the nature of knowledge and justification, truth, the existence of God, mind and body, personal identity, and freedom and determination. The purpose of this course is to introduce students to what philosophy is and how it is practiced through examination of selected issues in the areas of metaphysics and epistemology. Topics examined include skepticism, the nature of empirical knowledge and justification, the possibility of knowledge of reality, personal identity, and free will. Classic and contemporary readings are examined.

Course Name: Introduction to Ethics
Course Number: PHIL 102
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: ENGL 099
This course is an introduction to the philosophical study of ethics. It is concerned with questions of the nature of moral goodness, agency, the scope of moral concern, and moral skepticism, and it surveys important normative ethical theories. Some portion of the course will be devoted to application of ethical theory to contemporary moral issues such as abortion, punishment, human rights, animal rights, biomedical ethics, environmental ethics, business ethics, and social and human responsibility. Students are introduced to a selection of approaches to ethical reasoning, including consequentialist, deontological, and social examples.

Course Name: Introduction to Logic and Critical Thinking
Course Number: PHIL 113
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This is a course in informal and inductive logic, emphasizing analysis and evaluation of arguments in natural languages. It introduces students to some of the techniques that logicians have developed for thinking about reasoning and explaining what distinguishes good from bad. Topics covered include informal fallacy theory, inductive reasoning and inductive fallacies, categorical propositions and syllogisms, basic sentential logic (including symbolization), truth-tables, and consistency trees.

Course Name: Metaphysics
Course Number: PHIL 205
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits
Corequisites: ENGL 100
This course explores questions about the fundamental nature of reality. Topics may include the nature of time, personal identity, the existence of God, whether we have free will, or why anything exists at all.

Course Name: Deductive Logic
Course Number: PHIL 213
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits
Corequisites: ENGL 099
This course is an introduction to sentential and predicate logic, with a special emphasis on the translation of natural language into formal language. This course covers syntax, symbolization, semantics, and formal deduction systems for first-order sentential and predicate logic.

Course Name: Science and Society
Course Number: PHIL 260
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits
Corequisites: ENGL 100
This course provides an introduction to the history and philosophy of science, which is mainly concerned with understanding how science has been able to generate so much knowledge about the world. Topics may include how to distinguish science from non-science, the nature of scientific theories and explanations, the relationship between theory and observation, the historical development of scientific theories, the role science plays in society, as well as some critiques of science.

PHYSICS

Course Name: Physics for Future Leaders
Course Number: PHYS 100
Number of credits: 4 **Lecture Hours:** 4 **Lab Hours:** 2
Prerequisites: None. Math 11 is recommended. Students who have taken Physics 12 should not normally register in this course.
Corequisites: ENGL 098
A liberal arts laboratory-based physics course for non-science majors beginning with an introduction to the basic principles of physics. The relevance of physics will then be applied to understand and make decisions on many of societal issues. Topics include climate change, peak oil, nuclear power and weapons, natural disasters, satellites, quantum physics, and relativity, as well as fundamental lab techniques.

Course Name: Newtonian Mechanics
Course Number: PHYS 110
Number of credits: 4 **Lecture Hours:** 4 **Lab Hours:** 2
Prerequisites: PHYS 12 (High School)
Corequisites: MATH 113 **or** MATH 115
This is an introductory course in Newtonian mechanics, using the basic concepts of differential and integral calculus to study rectilinear motion and vector calculus to study rectilinear motion and motion in the plane. Topics include reference, collisions, work-energy principles, harmonic motion, rotation, and simple problems in relative dynamics.
Note: Students continuing on to a university in Math, Physics, Chemistry, Computing Science and Engineering are advised to enroll in MATH 113 and then MATH 114.

Course Name: Engineering Mechanics
Course Number: PHYS 118
Number of credits: 4 **Lecture Hours:** 6
Prerequisites: PHYS 110 **or** PHYS 130 and MATH 113 (C-) or Math 115 (C)
In this course, students study the equilibrium of a particle, equilibrium of a rigid body, internal forces, friction, the kinematics of a particle, Newton's second law, work, energy, impulse, and momentum.

Course Name: Electricity and Magnetism
Course Number: PHYS 120
Number of credits: 4 **Lecture Hours:** 4 **Lab Hours:** 2
Prerequisites: PHYS 110 or PHYS 130
Corequisites: MATH 114 or MATH 116
This is an introductory course in electricity and magnetism, including Coulomb's Law, the electrical structure of matter, Gauss's Law, electrical potential, capacitance and properties of dielectrics, complex DC circuits, magnetic force and magnetic fields in free space, Ampere's Law, AC circuits, and Maxwell's Equations.

Course Name: Optics and Thermodynamics
Course Number: PHYS 130
Number of credits: 4 **Lecture Hours:** 4 **Lab Hours:** 2
Prerequisites: Physics 12
Corequisites: MATH 113 or MATH 115
This course provides a study of fluids, oscillations, thermometry, thermal properties of matter, heat, waves, sound, and geometrical & wave optics.

Course Name: Introduction to Modern Physics
Course Number: PHYS 200
Number of credits: 4 **Lecture Hours:** 5
Prerequisites: 12 credits and PHYS 120 and MATH 114
This is an intermediate level course in relativity and quantum mechanics. Topics include: special and general relativity; quantization of charge, light and energy; wave properties of matter; wave mechanics and the application to systems of atoms and nuclei.

Course Name: Thermal Physics
Course Number: PHYS 205
Number of credits: 4 **Lecture Hours:** 5
Prerequisites: 12 credits and PHYS 120 **or** PHYS 110 and PHYS 130
Corequisites: MATH 213
This is an intermediate level course in thermal physics. Topics include: fundamentals of thermodynamics and introductory statistical mechanics, heat transfer, entropy, kinetic theory of gases, gas laws, reversible processes and work, laws of thermodynamics, heat engines, free energy, phase transitions, chemical potentials, Boltzmann statistics, and quantum statistics.
Course Name: Intermediate Electricity and Magnetism
Course Number: PHYS 210
Number of credits: 4 **Lecture Hours:** 4 **Lab Hours:** 2
Prerequisites: 12 credits and PHYS 120 and MATH 213
This is an intermediate level course in electricity and magnetism. Topics include: vector analysis (divergence, gradient, curl, Gauss's and Stokes' theorems), electrostatics, magnetostatics, electromagnetic induction, alternating currents, Maxwell's equations, and electromagnetic waves.

POLITICAL SCIENCE

Course Name: Introduction to Political Science
Course Number: PSCI 100
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This course introduces students to the primary concepts and terminology of political science. Students will explore the ways that values, ideas, and cultures can impact politics and political structures and examine the formal structures and functions of government. They will also discuss the politics of developing and developed states and consider a variety of case studies. Finally, the course will explore different forms of political participation and politics in an ever-globalizing world. Students will be asked to explore newsworthy events through the framework and concepts introduced in course readings.

Course name: Introduction to Canadian Government
Course Number: PSCI 101
Number of credits: 3 **Lecture Hours:** 4
Prerequisites:
Corequisites: ENGL 099
This course will introduce students to the basic components and structure of Canadian government. It examines the societal norms and institutions that have informed Canadian politics. It introduces students to Canada's branches of government and their role in informing Canadian democracy, as well as the politics and political parties that dominate it. Students will examine the policy-making environment in Canada, impact of the Canadian Constitution and the Charter of Rights and Freedoms on the lives of Canadians, intergovernmental relationships between the federal government and the provinces, as well as consider the evolving place of First Nations people within Canada. This course is ideal for understanding the political structures that impact our daily lives, as well as for covering some core discussion topics related to Canadian citizenship.

Course Name: Introduction to Comparative Politics
Course Number: PSCI 202
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits
Corequisites: ENGL 100
Why have some states successfully democratized, while others have tried and failed? Why is political participation higher in some democratic states than in others? Why does political violence occur in one state, but not in another? The study of comparative politics enables students to answer these questions, raise important

questions of their own, and develop tools to critically analyze the similarities and differences across states, explore a variety of political systems, and consider the institutional, economic, social and cultural forces that impact and inform them. Case studies from Asia, Africa, Europe, and South America provide practical examples illustrating the theories and concepts that are introduced.

Course Name: Introduction to International Relations And Global Politics
Course Number: PSCI 210
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSCI 100 or PSCI 101 or PSCI 202
Corequisites: ENGL 100
The course will examine the events that have shaped our understanding of global politics, consider current events in this context, and apply this knowledge to emerging issues that will influence and inform foreign policy and international relationships into the future.

Course Name: Research Methods in Political Science
Course Number: PSCI 220
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSCI 100 or PSCI 101 or PSCI 202
Corequisites: ENGL 100
This course will introduce students to the common research methods used in political science. . Students will learn various aspects of research design and how to correctly do it and explore a variety of tools and techniques commonly used in political science research. This will enable the students to develop analytical and critical thinking skills. Some of the major topics covered include: formulating research questions, coming up with testable hypotheses, gathering qualitative data, testing and analyzing the data, drawing causal inferences, and interpreting the results with respect to the original research question and the hypotheses, as well as reporting the results.

Course Name: Introduction to Political Theory
Course Number: PSCI 240
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSCI 100 or PSCI202
Corequisites: English 100
Using some of the foremost texts of Western political thought, students will critically examine the contemporary political world along with their own beliefs and values. By exploring the writings of theorists such as Plato, Machiavelli, Locke, Rousseau, Marx, and Nietzsche, students will gain an understanding of the wide range of different ways that these thinkers have answered key political questions. Students will become familiar with key concepts and ideas dealt with in the tradition of Western political thought, as well as the historical context from which they emerged. Students will refine and develop their analytical writing skills and will be better able to understand and engage with many of the theoretical debates that underwrite contemporary politics.

Course Name: Introduction to Public Administration
Course Number: PSCI 251
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSCI 100 or PSCI 101 or PSCI 202
Corequisites: ENGL 100
The study of public administration is at the core of understanding government action and function. It is also at the heart of many core political science debates. What is the role of government? What is the relationship between elected officials and public servants? Who is accountable? What are the principles of managing within government? This course seeks to tackle all of these issues and more, providing students with multiple perspectives and the tools to formulate their own hypotheses in regards to these debates.

Course Name: Introduction to the Politics of the City
Course Number: PSCI 252
Number of credits: 3 **Lecture Hours:** 4
Prerequisites:12 credits and PSCI 100 or PSCI 101 or PSCI 202
Corequisites: ENGL 100
This course introduces students to the politics of Canadian cities. It explores the responsibilities of city governments, the ways they make policy, and their relationship with other levels of government. Further, it investigates the quality of democratic governance in cities, as well as how city spaces construct relations of equality and inequality and the ways city-living shapes our interactions with different individuals and social groups. Students will learn the basic institutions of government within Canadian cities and how city governments fit into the broader institutional structure of the Canadian state. They will also become familiar with some of the key policy challenges facing Canadian cities in the 21st century. Further, students will understand key theories of urban governance and policy making.

Course Name: Introduction to Public Policy
Course Number: PSCI 253
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSCI 100 or PSCI 101 or PSCI 202
Corequisites: ENGL 100
This course examines the development of public policy with a focus on Canadian governance issues. Course content is split into three broad themes. First, students will be introduced to the policy cycle and foundational theories in policy making and governance. Students will examine challenges and opportunities associated with multi-level governance structures, policy implementation and its evaluation. Second, students will explore pertinent policy issues in the contemporary world, with particular focus on indigenous policy and governance, social policy, health policy, and economic policy. Finally, students will engage with a number of critical

perspectives that have often been under-conceptualized in traditional governance structures, as well as strategies for ensuring not only that these underserved constituencies are not only heard, but that their interests are served.

Course Name: Decolonizing Development: The Politics of Progress
Course Number: PSCI 260
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSCI 100 or PSCI 202 or SOCI 250
Corequisites: ENGL 100
This course will provide basic training in post-colonialism as a research approach and other qualitative methods in political science to help students explore how colonial histories of violence continue to shape the landscapes, political structures, and relationships of the present. In addition to traditional methods training, students will experiment with different mediums such as social media marketing/content design, policy briefs and NGO grant writing/proposals to explore different dimensions of the field of development as a career.

Course Name: Environmental Policy and Sustainable Development
Course Number: PSCI 275
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSCI 100, 101, or 202; OR GEOG 100
Corequisites: ENGL 100
This course is designed to discuss the real-world policy instruments being utilized around the world to deal with environmental concerns like global warming, climate change, water scarcity, oil dependency and pollution. While it will begin with the theoretical and ideological arguments that underpin environmental and sustainable development policies, the bulk of this course will focus on actual policies and their level of effectiveness in achieving their goals. Examples will be drawn from around the world, with a particular focus on comparing the policies of foreign states to those used in Canada. At the end of this course, students will have a comprehensive understanding of the techniques governments have at their disposal and their core advantages and disadvantages, as well as a better understanding of the political contexts that tend to structure the viability of policies in some locations compared to others.

PSYCHOLOGY

Course Name: Introductory Psychology I
Course Number: PSYC 110
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
This is the first of a two-part introduction to the core areas of psychology. Topics covered include: the history of psychology, research methods, sensation and perception, learning, developmental psychology and social psychology.

Course Name: Introductory Psychology II
Course Number: PSYC 120
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: PSYC 110
Corequisites: ENGL 099
This is the second half of a two-part introduction to the core areas of psychology. This course focuses on brain and behavior, states of consciousness, psychological disorders, treatment for disorders, emotion, stress and personality psychology.
Course Name: Introductory Child Psychology
Course Number: PSYC 210
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSYC 120
Corequisites: ENGL 100
This course introduces child psychology, focusing on development from conception to adolescence. An overview is provided of the cognitive, perceptual, physical, moral, personality, language, and social aspects of childhood development. Within a lifespan developmental perspective, the course examines research methods, developmental theories, and application of research findings to selected problems in the major periods of the lifespan.

Course Name: Research Methods in Psychology
Course Number: PSYC 217
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSYC 120
Corequisites: ENGL 100
This course will introduce the basic and major principles and procedures employed by psychologists for designing and conducting scientific experiments and critically evaluating experimental methodology and research findings. The course is designed to cover the fundamental concepts, principles, and methods used in psychological research for testing psychological hypotheses, analyzing research data, and communicating research findings.

Course Name: Introduction to Data Analysis in the Behavioral Sciences
Course Number: PSYC 218
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and High School: PREC 11 (C) **or** MATH 100 **or** Math 105 or MATH 110 and PSYC 120
Corequisites: ENGL 100
This is an introductory course in statistics, emphasizing the underlying theory and practical application of statistical analysis in the Behavioral Sciences, particularly Psychology.

Course Name: Behavior Disorders
Course Number: PSYC 220
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSYC 120

Corequisites: ENGL 100
This course is aimed at reviewing the definition, history and scope of deviant behavior, with an emphasis on the psychological factors that contribute to its origins, maintenance, and treatment. The course begins with definitions of adaptive and maladaptive behavior, a review of the historical background of abnormal psychology, and a look at theoretical perspectives on maladaptive behavior. Then, various therapeutic strategies (e.g., cognitive therapy) will be briefly introduced, and major classification and assessment methods of behavior disorders will be reviewed. A wide range of maladaptive patterns of behavior, including anxiety disorders, mood disorders, personality disorders, schizophrenia, and disorders of childhood and adolescence will be surveyed.

Course Name: Social Psychology
Course Number: PSYC 240
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSYC 120
Corequisites: ENGL 100
This course introduces an overall view of the field of social psychology in order to address major issues and topics that fall within this field and to cover the conditions and circumstances that lead to social behavior and cognition. A wide range of issues and topics will be covered in this course including nonverbal communication, attribution, impression, cognitive biases, behavior and social cognition, attitude formation, persuasion, cognitive dissonance, social and gender identities, interpersonal attraction, conformity, compliance, and obedience, pro-social behavior, aggression, and group dynamics.
Course Name: Theories of Personality
Course Number: PSYC 270
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSYC 120
Corequisites: ENGL 100
This course explores the origins, major underlying assumptions, basic personality structure, and major theoretical concepts and applications of major theories of personality. Students will explore the essential concepts and research findings related to major personality theories including psychoanalytic, neo-psychoanalytic, life span, trait, humanistic, cognitive, behavioral and social-learning approaches. This course will also review issues pertaining to psychometric instruments designed for the assessment of personality variables.

Course Name: Introduction to Biological Psychology
Course Number: PSYC 281
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSYC 120
Corequisites: ENGL 100
This course is intended to give an introductory overview of the biological approach to psychology, with a focus on neuroscience and the evolutionary perspective. Students will acquire critical and creative thinking skills to better evaluate popular media and sensationalized versions of biological psychology. The clinical implications of the most recent research will be considered for each topic. This course will provide an introduction to the biological influences on behavior. Students will gain an understanding of basic neuroscience and evolutionary and genetic research, as they apply to the field of psychology.

Course Name: Introduction to EcoPsychology
Course Number: PSYC 299
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and PSYC 120
Corequisites: ENGL 100
This course will explore the scientific links between three key domains – human psychology, wilderness/nature experiences, and environmental problems – with a particular focus on two key questions: (1) What impact does nature have on human thought, feeling, and behavior? (2) What are the psychological factors that influence our environmental attitudes and behavior? The course will include a 2-night, 3-day backpacking trip in the mountains within a few hours' drive of Vancouver; this experiential component will allow for a deeper exploration of these two questions.

SOCIOLOGY

Course Name: Introductory Sociology I
Course Number: SOCI 110
Number of credits: 3 **Lecture Hours:** 4
Corequisites: ENGL 099
An introduction to the study of human society and social interaction. The theoretical perspectives of functionalism, conflict theory and symbolic interactionism are examined along with basic concepts such as culture, family, work and more. An overview of research methodology is provided, and social stratification, socialization, inequality, globalization and deviance are examined. Students are encouraged to cultivate a "sociological imagination" while considering how human behavior is shaped by group life, and group life is affected by individuals.

Course Name: Introductory Sociology II
Course Number: SOCI 120
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: SOCI 110
Corequisites: ENGL 099
This course is a continuation of Sociology 110. While the basic aim of the course remains the application of sociological perspectives in understanding group life and individual behavior, the focus is on topics such as, sex and gender, education, religion, social movements, politics and government. Students are expected to engage their developed "sociological imagination" and apply sociological theory and methodology to new concepts.

Course Name: Sociology of Work

Course Number: SOCI 230
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and SOCI 110 and ANTH 110
Corequisites: ENGL 100
This course explores the social organization of work by drawing on key sociological theories, research, and concepts, with a focus on Canadian society. The course also explores transformations in work within broader global processes, including migration, immigration, temporary workers, precarious work, labour trend and more. Some of the key topics covered include the following: capitalist work arrangements, corporate practices, labor movements, consumption, the impact of employment/unemployment on the individual and family, and the impact of class, power, race, gender, and age in the labor market. Students will learn to understand, analyze, and evaluate how work is socially organized and how it profoundly shapes our social lives.

Course Name: Comparative Ethnic Relations
Course Number: SOCI 250
Number of credits: 3 **Lecture Hours:** 4
Prerequisites: 12 credits and SOCI 110 or ANTH 110
Corequisites: ENGL 100
This course offers an overview of the sociological study of 'race' and 'ethnicity' using examples from the Canadian context. It introduces students to the processes involved in the social construction of 'racial' and ethnic categories, with attention to the historical and contemporary outcomes of such categorization. By exploring how conceptions and experiences of 'race' and 'ethnicity' affect everyday life in Canada, the course also investigates how ideas and practices of 'race' and 'ethnicity' emerge, shift over time, and become part of culture. Topics such as racism, ethnocentrism, multiculturalism, immigration policy, First Nations' relations, and the hyphenated identity will be studied. Relevant sociological theories and research methods are utilized for further examination of race and ethnic relations.

SPANISH

Course Name: Introductory Spanish I
Course Number: SPAN 101
Number of credits: 3 **Lecture Hours:** 5
Corequisites: ENGL 099
This is an introductory course for students with no previous knowledge of Spanish. The course is designed to give students a solid grounding in the basics of the Spanish language. The classes will survey the main features of the Spanish language, including grammar, vocabulary, and conversation and will explore Hispanic cultures. All activities will require interactive communication to reinforce these features.

HIGH SCHOOL COURSES

Courses numbered 10, 11 or 12 are Grade 10, Grade 11 or Grade 12 level respectively. **The number of classroom hours per week is indicated in brackets** to the right of the course. Each course is one semester and worth four credits unless otherwise noted.

All high school courses are offered in-person.
Notes:

a) Not all courses listed are offered in every semester.
b) An offered course may be cancelled if there is insufficient enrollment.
c) All courses have English prerequisites and new students should be aware that course selection is subject to their Language and Writing Assessment test results.
d) Course selection must be done with the assistance of a Counsellor or Program Advisor.
e) A minimum grade of C- is required in all pre-requisite courses unless otherwise stated.
f) Prerequisites and corequisites are based upon courses currently being taught at Columbia College. Equivalencies will be considered where applicable.

Course Name: Anatomy and Physiology 12 (8)
Course Number: ATPH 12
Prerequisite: High School: CHEM 11 **or** an equivalent Gr.11 Life Science
This course helps students deepen their understanding of cell structure and function. Areas of study include the basic chemistry and biochemistry of cellular processes, membrane structure and function and human physiology.

Course Name: Career-Life Education 10, 11, 12 (5)
Course Number: CLE 10, CLE 11, CLE 12
The Career Life Education curriculum supports students in the process of becoming successful, educated citizens by providing them with opportunities to explore a variety of careers and options for their futures.

Course Name: Career Life Connections 12/Capstone Project (5)
Course Number: CLC 12
Prerequisite: CLE 10
Career Life Connections helps students discover a bridge between classroom learning and workplace and post-secondary realities, and is intended to make their learning meaningful and relevant.

Course Name: Chemistry 11 (8)
Course Number: CH 11
Prerequisite: SC 10
Corequisite: PREC 11

A basic general chemistry course on atoms, molecules, elements, compounds, the mole concept and stoichiometric calculations, types of chemical reactions, chemical bonds, gases, solutions, and elementary organic chemistry.

Course Name: Chemistry 12 (8)
Course Number: CH 12
Prerequisite: CH 11 and PREC 11
An advanced course in basic physical chemistry, focusing on the following topics: kinetics, equilibrium, acids and bases, solubility, and electrochemistry.

Course Name: Comparative Cultures 12 (8)
Course Number: CMCL 12
Prerequisite: SS10 or SS11 or equivalent
Students will learn to analyze the political, social, economic, and religious aspects of ancient cultures, and how geographic and environmental factors have influenced the development of agriculture and trade in increasingly complex cultures. Students will also explore the diversity and complexity of cultural expressions, and how value and belief systems shape the structures of power and authority.

Course Name: Composition 11 (8)
Course Number: CMPS 11
Prerequisite: ENGL 10 or (CMPS 10 and LTST 10)
A course supporting students in developing skills in written communication. Students will read and study compositions by other writers as models for the development of their writing. Through this course students will build increasing independence in their writing for a range of situations. They will develop confidence in their abilities as they consolidate their writing craft.

Course Name: Contemporary Music 11 (8)
Course Number: MUCM 11
Prerequisite: None
The aim of Contemporary Music 11 is to learn the basics of music theory and notation using keyboards while also learning to sing and/or play songs. Students will study the text and the musical forms and devices used in the songs in detail. The teacher will introduce some of the songs, but students will be asked for song suggestions in which they can apply what they've learned.

Course Name: Drama 10 (8)
Course Number: DRM 10
Prerequisite: None.
An introductory course in drama focusing on the development of basic drama skills. Through extensive work in both small and large groups, students gain confidence as they explore and communicate ideas, experiences, and feelings in a range of dramatic forms. Drama is comprised of four components: Foundation, Movement, Speech and Theatre.

Course Name: Drama 11 (8)
Course Number: DRM 11
Prerequisites: None
The purpose of Drama 11 is to build on the dramatic elements and skills developed in Grade 10 Drama. Through their work in theatre performance, students have the opportunity to explore and develop expression, trust and self-confidence. Students will also critically analyze and respond to scenes and performances by their peers. Students will create performances collaboratively and individually expressing themselves through personal voice, cultural identity, perspectives and values. A final performance project is part of the final exam.

Course Name: English 10 (includes Composition 10 (4) and Literary Studies 10 (4))
Course Number: ENGL 10 or (CMPS 10 and LTST 10)
Prerequisite: EN 9 or ENGL 097
Students will be co-registered in two Grade 10 level English courses (2 credits each). In these courses students may focus on topics such as the writing process, written communication, terminology, analysis and interpretation of text. Students will write compositions for various audiences and purposes and study short stories and poetry from a selection of culturally diverse authors.

Course Name: English Studies 12 (8)
Course Number: ENST 12
Prerequisite: CMPS 11 **or** LTST 11 or an English equivalent
English Studies 12 is a more advanced course developing literature, listening and viewing skills. Students learn to recognize societal diversity and apply appropriate strategies in a variety of contexts to comprehend written, oral, visual and multi-modal texts, while learning to critically appreciate diverse constructs including First Peoples and other influences.

Course Name: Literary Studies 11 (8)
Course Number: LTST 11
Prerequisite: EN 10 or (CMPS 10 and LTST 10)
English Literary Studies 11 is a course in literature and language skills. Through the development of skills in reading, writing, speaking, listening and critical thinking, students will broaden their ability to comprehend and analyze works in the four major genres of short story, poetry, drama and novel.
Course Name: Foundations of Mathematics and Pre-calculus 10 (8)
Course Number: FMP 10
This course includes the study of operations on powers with integral exponents, prime factorization, functions and relations, graphs, linear functions and equations, arithmetic sequences, systems of linear equations, multiplication of polynomial expressions & factoring, primary trigonometric ratios, and financial literacy. Students will have the opportunity to practice their algebra skills while learning new concepts.

Course Name: Foundations of Mathematics 12 (8)
Course Number: FMP 12
Prerequisite: PREC 11 or FMP 11
This course includes the study of geometric explorations (constructions, conics, and fractals), graphical representations of polynomial, logarithmic, exponential, and sinusoidal functions, regression analysis, combinatorics, probability, and financial planning.
Course Name: Human Geography 12 (8)
Course Number: HGEO 12
Prerequisite: SS 10 or EPSS 11
An exploration of the relationship between people and the environment to better understand our globally connected and changing world. Demographic, resource, economic, political and social considerations are explored .
Course Name: Marketing and Promotions 11 (8)
Course Number: MAP 11
Prerequisite: EN 10 or (CMPS 10 and LTST 10)
Marketing and Promotions 11 helps students to understand the minds of a consumer while balancing the goals and missions of a business. Upon successful completion of MAP 11, students will learn the importance of the Product, Place, Price and Placement of all the products and services we see in the world around us. Students will experience what is required to launch a successful marketing campaign and understand the advantages and disadvantages of the different promotional strategies used.

Course Name: Media Design 11 (8)
Course Number: MEDD 11
Prerequisite: None
This course provides the opportunity to develop a portfolio of digital media work that tell stories by way of video, and may include 2D/3D graphic design, animation, and web publishing. Media Design 11 will enable students to explore and gain skills in the creation of videos and digital art using professional software. Students will learn and apply principles of design and storytelling while creating personalized and group projects using current software such as iMovie, Adobe After Effects, Final Cut Pro, Photoshop, and others. This class takes place in a computer lab setting, though no prior computer experience is required. This course will provide a skill and knowledge-based jump-start for students entering a post-secondary program in media production or animation.

Course Name: Physical Geography 12 (8)
Course Number: PGEO 12
Prerequisite: SS 10 or EPSS 11
An exploration of the interactions between people and the environment, the impact natural processes have upon our landscape including plate tectonics, agents of gradation, natural disasters, climate and weather and environmental sustainability.

Course Name: Physical Health Education 10
Course Number: PHED 10
Prerequisite: None
The curriculum unites two curricular areas, physical education and health education, into one concentrated area of learning to provide a comprehensive focus on healthy living for students. Blended, physical and health education maintain their core attributes and qualities while supporting the development of a deeper understanding of their interconnectedness.

Course Name: Physics 11 (8)
Course Name: PH 11
Corequisite: PREC 11
A general introduction to physics emphasizing kinematics and dynamics, elementary DC circuit theory, waves, and optics.

Course Name: Physics 12 (8)
Course Number: PH 12
Prerequisite: PH 11
Corequisite: PREC 12
A course in mechanics, electricity and magnetism and special relativity. Vector methods are used extensively.

Course Name: Pre-calculus 11 (8)
Course Number: PREC 11
Prerequisite: FMP 10
This course includes the study of real number system, powers with rational exponents, radical operations and equations, polynomial factoring, rational expressions and equations, quadratic functions and equations, linear and quadratic inequalities, trigonometry, and financial literacy including compound interest, investments, and loans.

Course Name: Pre-calculus 12 (8)
Course Number: PREC 12
Prerequisite: PREC 11
This course includes the study of transformations of functions and relations, exponential functions and equations, geometric sequences and series, logarithms (operations, functions, and equations), polynomial functions and equations, rational functions, and trigonometry (functions, equations, and identities).

Course Name: Science 10 (8)
Course Number: SC 10
Prerequisite: SC 9
This course encourages students to develop skills of scientific reasoning as they practice observing, classifying, predicting, inferring and hypothesizing as they explore various topics that span life sciences, physical sciences and the study of the universe.

Course Name: Social Justice 12 (8**)**
Course Number: SJ 12
Prerequisite: SS 10 **or** EPSS 11
Social Justice 12 takes a critical approach to social justice, examining how society is stratified in significant

and far-reaching ways along social group lines that include race, class, gender, sexuality, and ability. Students will learn to identify and understand the unequal nature of society by learning about prejudice, discrimination, oppression, power, and privilege. Critical social justice recognizes inequality as deeply embedded in the structure of society, and actively works towards greater equality.

Course Name: Social Studies 10 (8)
Course Number: SS 10
An exploration of Canadian history and its relation to the world, focusing on the growth of Canadian nationhood and the development of Canadian identities with an emphasis on the years 1914 to the present. Topics include the evolution of responsible government, international conflict and diplomacy, global citizenship, environmental activism and Canada's involvement in indigenous relations and reconciliation.

Course Name: Explorations in Social Studies 11 (8)
Course Number: EPSS 11
Prerequisites: SS 10 or equivalent
The aim of Social Studies 11 is to develop thoughtful, responsible, active citizens who are able to acquire the requisite information to consider multiple perspectives and to make reasoned judgments. Social Studies 11 provides students with opportunities to reflect critically upon events and issues in order to examine the present, make connections with the past, and consider the future. Some of the topics explored in this course are how to be informed and engaged citizens, how the rapid development of technology has changed us, and how Canada's Indigenous peoples are reclaiming their cultures despite the effects of colonialism.

Course Name: 20th Century World History 12 (8)
Course Number: WH 12
Prerequisite: SS 10 or EPSS 11
This course uses historical enquiry processes and skills to ask questions, gather, interpret and analyze ideas and communicate findings, relating to nationalist movements that can unite people or lead to intense conflict, the impact of technology and breakdown of long-standing empires on social, economic and political systems
Course Name: Vocal Arts 11 (8)
Course Number: CMJV 11
Prerequisite: None
The aim of Vocal Arts 11 is to learn and practice good vocal technique using the traditional *bel canto* method of singing. In this course, students will be guided in discovering and freeing their natural voice and learning how to use it powerfully and expressively. Students will also study text and literary devices used in songs and see how these relate to the ways in which we use language for expression. Students will be asked to contribute to song selection so that they may have some control over what they learn.

COLLEGE POLICIES AND REGULATIONS

Academic Freedom

The pursuit of knowledge, for teaching and for its own sake, is the foundation of any academic institution. As such, regular members of Columbia College, faculty as well as students, and others invited to be part of the academic life of the College through scheduled discussions, guest lectures, conferences, and the like, are extended the privilege of academic freedom. This means that members of the College and those invited to participate in academic endeavors at the College are free, within the limits of Canadian law, to engage in scholarly inquiry as they choose. They are completely entitled to consider and discuss any opinion unhindered by non-academic and/or external constraints. Officers of the College shall not act in any way to suppress this right. Furthermore, the College shall act so as to protect the right of free inquiry and exchange of ideas from suppression by any individuals or institutions outside of the College. Every member of Columbia College must recognize, respect, and share in the responsibility of preserving and promoting academic freedom. The College cannot tolerate any action that would restrict free discussion of any idea, for this would undermine the intellectual integrity of our institution.

Code of Ethics

The Columbia College Code of Ethics is a statement of our fundamental principles of fair and honest business practice. The Code guides the College's behaviour in all dealings with all stakeholders, including employees, students, governmental agencies and business and professional clients.

Columbia College will conduct all its business in good faith, abiding by Canadian law and adhering to the principles of human rights and privacy protection. Columbia College will not discriminate by age, sex, religion, ethnic origin, sexual orientation, disability, or political opinion.

Columbia College will act with honesty, impartiality, and transparency in all its dealings with employees, students, and other stakeholders.

Columbia College will promote academic freedom and a working environment that encourages unfettered intellectual inquiry. The College insists on academic integrity and will treat all cases of academic dishonesty as grave offences.

All employees of the College will be required to avoid any conflict of interest, real or apparent, that might impugn the integrity, independence, or impartiality of the institution. Employees are required to disclose to the College any financial or other interest they may have in any business or educational partner of Columbia College.

The highest ethical standards are demanded of members of the Administration, Student Services, Board of Governors, Academic Board, Finance Committee, Recruitment Committee, and any other Committee of the College. Such officers and employees of the College are required to treat the information they deal with in the course of their duties with the utmost confidentiality.

In matters involving the recruitment of international students Columbia College expects its Education Agents and Consultants to abide by the principles of the "London Statement", meaning that Agents and Consultants will:

a) practice responsible business ethics.
b) provide current, accurate and honest information in an ethical manner.
c) develop transparent business relationships with students and providers through the use of written agreements.
d) protect the interests of minors.
e) provide current and up-to-date information that enables international students to make informed choices when selecting which agent or consultant to employ.
f) act professionally.
g) work with destination countries and providers to raise ethical standards and best practice.

Code of Conduct

Columbia College's Mission is to prepare international and Canadian students for admission to a university by providing quality academic programs in a supportive learning environment. Students attend Columbia College with the aim of developing individual potential and acquiring the knowledge, skills and attitudes they need to contribute to a healthy, democratic and pluralistic society and a prosperous, sustainable economy. Other students will not be permitted to impede any student's participation in school, their mastery of learning outcomes or their ability to become contributing members of society.

Residents of British Columbia are protected under the BC Human Rights Code against discrimination based on race, colour, ancestry, place of origin, political belief, religion, marital status, family status, physical or mental disability, gender identity and expression, sex, sexual orientation, or age. As an international college Columbia College firmly believes in multiculturalism and fully supports the BC Multiculturalism Act; the purposes of this Act include:

to recognize that the diversity of British Columbians as regards race, cultural heritage, religion, ethnicity, ancestry, and place of origin is a fundamental characteristic of the society of British Columbia that enriches the lives of all British Columbians to encourage respect for the multicultural heritage of British Columbia to promote racial harmony, cross-cultural understanding and respect the development of a community that is united and at peace with itself.

Columbia College is committed to providing an environment that supports student achievement by addressing safety issues that can become barriers to optimal learning, and to ensure that no member of the College community suffers from illegal discrimination, bullying, harassment, or intimidation. The College will do so by providing an orderly school, a school in which people are polite and courteous to each other.

Expectations

All members of the College community will:

conduct themselves in an orderly, respectful, and courteous manner at all times while at the College or while participating in any College function on or off campus and:

a) endeavour to treat other members of the community with respect and dignity, in the same way they themselves would like to be treated.
b) respect and promote the physical safety and well-being of others.
c) respect the property of the College and that of other members of the College, making every effort to keep the school building clean, tidy and safe.
d) participate in creating a safe, positive environment.
e) inform a member of the College Administration of any instances of bullying, harassment, or intimidation.
f) honour the Columbia College Code of Classroom Conduct when in class.
g) refrain from inappropriate and/or disruptive behaviour.
h) refrain from any act of academic dishonesty. The College has policies on "Plagiarism and Other Forms of Cheating" – these are summarized in the College Calendar; details are available from the College's Student Services Department or at: https://www.columbiacollege.ca/wp-content/uploads/2021/01/2.5-Plagiarism-Policy-and-Procedure.pdf **and** https://www.columbiacollege.ca/wp-content/uploads/2021/01/2.6-Academic-Misconduct-Policy.docx.pdf
i) accept responsibility for their own actions.

The Schools Act requires that all students comply with the Code of Conduct and other rules and policies authorized by the School Board.

Disciplinary Action

Columbia College will take disciplinary action against any member of the College breaching the College Code of Conduct. Such action will be taken with a view to being preventative and restorative rather than simply punitive, but all decisions will be made giving primary consideration to the collective benefit of the College community. Generally, disciplinary measures taken will be progressive, with more serious action taken for repeated violations of the Code of Conduct. Measures may include verbal warnings, suspension or even expulsion from the College depending on the severity of the infraction, whether the behavior is part of a pattern, whether there exist mitigating circumstances, etc.

Parents/guardians of students under the age of 19 who are in Foundation Programs will be notified of any disciplinary action taken against their child/ward.

Reporting Violations
Columbia College recognizes that members of the College are sometimes reluctant to report instances of bullying, harassment, intimidation, and so on, often because they fear retaliation. However, the College is often unable to take appropriate action without such information, and College members should view it as their duty to report all breaches of the Code of Conduct. The College will treat information received as confidential and take reasonable steps to protect the sources of such information.

The College will maintain a zero-tolerance policy towards any act of retaliation or retribution that results from a College member carrying out their duty as outlined above.

Teachers, administrators, and other school staff must be approachable. Students need to understand that they are expected to inform a member of staff promptly if they observe inappropriate behaviour of any sort, and that they should feel secure from retribution when they do so.

Harassment and Discrimination Policy:
https://www.columbiacollege.ca/wp-content/uploads/2018/11/Harassment-and-Discrimination-Policy-2018.pdf

The overarching aim of the Harassment and Discrimination policy is to protect staff and students' physical safety, social connectedness, inclusiveness and protection from all forms of bullying, regardless of their gender, race, culture, religion, sexual orientation or gender identity.

Columbia College is committed to providing a safe, caring, respectful and orderly learning and working environment that is free of any form of discrimination, harassment, and bullying. The policy has been implemented to protect all members of the Columbia College community.

Members of the Columbia College community are expected to adhere to the behavioral expectations outlined in the Columbia College Code of Conduct (Columbia College Calendar, Code of Conduct) or on the College website at: https://www.columbiacollege.ca/wp-content/uploads/2018/11/Harassment-and-Discrimination-Policy-2018.pdf

Any unacceptable behavior such as any form of bullying, harassment, hate speech, intimidation, threatening or violent actions while at the College or while participating in any College function on or off campus will be subject to a disciplinary action (Columbia College Calendar, Disciplinary Actions), which may take the form of a verbal warning, a written warning, a temporary suspension, or expulsion from the College, depending on the seriousness of the infraction.

The College will treat all personal information received as confidential and take all reasonable steps to protect the sources of such information and to prevent retaliation against the person or people who have made a complaint regarding a breach of the Policy.

To achieve these goals, Columbia College will

- Promote inclusiveness and acceptance
- Communicate expectations, values, and norms that support positive personal, social, and academic behavior
- Connect with individuals who are experiencing negative personal, social, and/or academic issues
- Engage members of the Columbia College community in the process of establishing policies and activities that serve to prevent the occurrence of discriminatory behavior and that promote a safe and positive learning and working environment for all.

Members of the College who feel they may have been harassed should consult the College's Harassment Officer, the Director of Student Services, for confidential advice and information.

Policy on Sexual Violence and Misconduct

In keeping with the recommendations made to educational institutions by the BC Government, Columbia College has developed a detailed Policy to deal with allegations of sexual violence and misconduct. The purpose of the Policy is to ensure that every member of its community can study and work in a safe and respectful environment, free from violence and misconduct of any kind.

The Policy applies to all members of the Columbia College community. Any member of the College community who experiences or witnesses sexual violence or misconduct is encouraged to report the incident immediately to a Sexual Violence and Misconduct

Response Advisor or Counsellor in the College's Student Services Area (2nd floor, 438 Terminal Avenue).

The Policy and Protocols are available on the College's website (www.columbiacollege.ca). College Counsellors may be consulted for advice and information.

Privacy Policy

Columbia College complies with the Personal Information Protection Act (PIPA). When a student registers at Columbia College, information such as name, address, e-mail address, date of birth, educational history, etc., is collected in order to provide services to the student.

Columbia College will only collect, use and disclose personal information in an appropriate manner. The College may on occasion disclose personal information to government agencies (such as IRCC and CBSA) and organizations working on behalf of the College; this will only be done on a need-to-know basis. Columbia College will take all reasonable measures to protect against unauthorized access, use, and alteration of personally identifying information.

When passing personally identifying information to a third party, the College will ensure that adequate protection of the information is applied by the recipient. The policy can be found on the College website at: https://www.columbiacollege.ca/wp-content/uploads/2018/11/Privacy-Policy-2018.pdf

ACADEMIC INFORMATION

Glossary of Terms

Admission
Acceptance of an applicant into one of the College's programs.

Corequisite
A course that either is required to be taken concurrently with another course or has already been taken. (See statement on corequisites under "Course Descriptions".)

Course
A unit of study relating to a specific academic subject or discipline and identified by a course name and number.

Course Numbers
A system for identifying course levels. Courses numbered 10, 11, and 12 are high school courses, Grades 10, 11 and 12 respectively. Courses numbered 100-199 are first year university courses. Courses numbered 200-299 are second year courses. Courses with numbers beginning with 0 are non-credit.

Credit
A credit is a unit of value assigned to a course. Most University courses earn 3 or 4 credits. A normal course load for a full-time university student is 12-15 credits per semester. A full year of university studies is usually 30-34 credits. A High School course is normally 4 credits. A typical course load for a full-time high school student is 12-16 credits per semester. Senior Secondary graduation requires the completion of 80 (minimum) credits.
Non-credit courses (such as English 099) are not included when tallying the total credits required for completion of academic credentials (such as an Associate Degree or Dogwood Diploma) but will be assigned credits for fee assessment purposes and calculation of Semester GPA.

Directed Studies
Each semester the College offers a small number of (2nd year level UT) courses by Directed Study (DS). These courses are open to students who have completed 30 credits and have a min Cumulative GPA of 2.3. Students on probation are not usually allowed to register in courses offered by Directed Study. DS courses generally meet for a minimum of 2 hours per week at a time that is mutually acceptable to instructor and students. DS courses will have no more than 7 registrants. Tuition fees are the same as for a regular course.

Full-Time Student
A student registered in at least three courses or a minimum of 9 credits in one of the College's academic programs, or a student registered in the ESL program taking at least 25 hours a week of instruction.

Grade
The letter assigned is the evaluation of a student's performance in a course, e.g. B. (See "Grading System")

Grade Point
The numerical value assigned to a letter grade used in assessing a student's academic performance, e.g. C=2.0 grade points. (See "Grading System")

Grade Point Average (GPA)
A measure of a student's performance in all courses taken in a semester (Semester GPA) or in all credit courses taken at the College to the time of calculation (Cumulative GPA).
Note that Semester GPAs are based on all courses taken whether credit or non-credit. Semester GPAs are for internal purposes only.

Prerequisite
A specific requirement to be fulfilled before registration in a course, usually completion of another course.

Probation
A one semester trial period for students who have failed to achieve satisfactory academic standing or have been involved in a serious act of misconduct. A student on probation will not be permitted to continue at the College if improvement is not demonstrated.

Program

A selection of courses designed to fulfill an academic objective such as Senior Secondary completion or an Associate Degree.

Registered Student
A registered student is one who has completed the registration procedures for a specific semester. Continuing students must re-register each semester. Tuition fees must be paid in full at the time of registration.

Section
Since a given course may be offered at two (or more) different times in a given semester, all courses are identified by a section number related to the time at which the course begins and the days on which it meets. University-level course sections numbered 8, 10, 12, 14 or 16 etc. usually meet on Mondays and Thursdays while sections numbered 9, 11, 13, 15 or 17 etc. usually meet on Tuesdays and Fridays. Sections numbered XX1 usually meet Wednesdays and Saturdays.

Semester
An academic term of 14 weeks, during which time a registered student completes a course load. There are three semesters in a calendar year.

Transcript
A record of a student's permanent record listing all courses taken at Columbia College.

Transfer Credit
Credit awarded by the post-secondary institution to which a student transfers university level courses.

Transfer Standing (TS)
Secondary level credit given for courses satisfactorily completed under another recognized jurisdiction.

Admission

Admission to the College is based on acceptance into one of the College's programs. Admission to all academic programs is selective and is based on the College's evaluation of the applicant's probable success in undertaking studies at the secondary and/or post-secondary level. Students under the age of 15 are not normally admissible into any of the College's programs. Acceptance into a specific program at the College does not guarantee subsequent advancement into higher-level programs. Such advancement is dependent on performance in the original program.

Possession of the minimum requirements does not establish the right of an applicant to be admitted. The College reserves the right to accept or reject any applicant and to limit the number of students accepted into any program.

Following acceptance into a program at the College, selection of specific courses to be taken (in the first semester) is made with the assistance of a Counsellor and is subject to the College's approval. Students in secondary programs register with the assistance of a counsellor every semester.

Course Loads

University Transfer Program
Columbia College and Immigration, Refugees and Citizenship Canada (IRCC) view a (minimum) course load of 9 credits in the University Transfer (UT) program as "full time", although many students enroll in 12 to 15 credits per semester. Students may register in as many as six courses (18 credits or equivalent) without asking the permission of the Academic Board to take an overload. No overload will be permitted in a student's first semester. Students on probation are allowed to take a maximum of 12 credits per semester.

Students in the University Transfer Program are required to register in an appropriate English course in each semester until English 099 and Writing Discourse 098 have been completed.
New students arriving at Columbia directly from overseas who place in English 100 (either by an external test score or Columbia's English Test, the LWA) will be required to register in English 100 within the first 3 semesters and will be required to repeat this course in each subsequent semester (if necessary) until they pass it.

It is recommended that students register in English 100 in their first semester or as soon as they are qualified to do so.

A part-time load (i.e., fewer than three courses) is only permitted for those University Transfer students who have successfully completed full-time programs at Columbia College in each of the previous two semesters. Students should note, however, that they must be registered as a full-time student if they wish to accept off-campus employment.

High School Programs
A full course load at the high school level normally involves completing 12 credits (3 courses) per semester, although strong students may be allowed to register in 16 credits (four courses). Students on probation are allowed to take a maximum of three high school courses per semester. Overloads are permitted for High School students only under special circumstances and require the approval of the Academic Board.

A part-time load (i.e., fewer than 12 credits) is normally only permitted for High School students at Columbia College to fulfill high school completion requirements.

Dispute Resolution

Grade Appeals
The only grades that may be formally appealed are final grades. Students are required to consult with the instructor and dean of the division before proceeding to a

formal appeal. If a student chooses to formally appeal then he/she completes a "Formal Grade Appeal" form obtained from a Counsellor. A fee of $50 is paid, refundable if the appeal is successful. Once the appeal fee is paid the formal appeal process is initiated by the Counsellor. Such an appeal must be launched on or before the first Friday of the semester immediately following the semester in which the course was taken.
An Appeal Committee is struck by the Academic Board.
a) If the appeal concerns the marking of the final examination only then the Dean of the appropriate division will appoint a qualified instructor (usually but not always from within the College) to reconsider the student's final examination paper. A final judgement will be made within 30 days.
b) If the appeal involves more than the final examination then an Appeal Committee will be struck by the Academic Board and this Committee will make a final judgement within 30 days. All relevant course material in addition to, or other than, the final exam may be reviewed. To be eligible for review the material in question must be a physical item that was submitted and evaluated as part of the student's final grade. The material must be in its original, as-marked form. Intangible items such as presentations and class participation are not eligible for review.

The decision of the Appeal Committee is final. The final grade that appears on the transcript will be the grade determined by the process outlined above; this grade may be higher, lower or the same as the appealed grade.

Fees and Refunds
In case of a question regarding fees or a refund of fees, the student should first contact the College Accounting Office. If the matter is not resolved within three working days, the student should appeal in writing to the Principal who will respond in writing or in person within one week.

Discipline
Disciplinary matters involving disruptive behaviour in the classroom are dealt with by the Academic Board after a complaint from an instructor is received. Other disciplinary matters – involving unacceptable behaviour outside the classroom - are dealt with by the Principal. Decisions made by the Academic Board or the Principal may be appealed to the Board of Governors, whose decision will be final.

A student being disciplined should contact a Counsellor for information on appeal processes.

Academic Policies

Academic policies are set by the Academic Board, and students wanting explanation of these policies should consult with a Counsellor. Students who wish to dispute a College academic policy, or its application, should address their concern in writing to the Academic Board, which will normally respond in writing within two weeks. This decision may be appealed to the Board of Governors.

General Classroom Conduct and Attendance
https://www.columbiacollege.ca/wp-content/uploads/2021/04/2.8-Student-Code-of-Conduct-Policy.docx.pdf

Students at Columbia College are expected to show respect for the rights of other students, in particular the right to study and learn. Any behavior in a classroom that interferes with the instructor's ability to conduct the class, or a students' ability to learn, will be treated as disruptive; the penalties for disruptive behaviour are set out in the College Calendar, and include suspension and even expulsion from the College. In general students are expected to be attentive and courteous during class and lab time, to complete assigned work and to accept responsibility for their own achievement.

Disciplinary Action:
Disruptive behaviour of any sort is subject to review by the Academic Board and may result in a student being denied access to the class in question while receiving a failing grade. Generally, disciplinary actions taken will be progressive, with more serious action taken for repeated violations of the Code of Conduct. Measures may include verbal warnings, written warnings, denial of class access, and in more serious cases it can result in suspension or expulsion from the College.

Parents or guardians of students under the ages of 19 will be notified of any disciplinary action taken against their child.

Accommodating Students with Disabilities/Special Needs
It is the responsibility of students with a disability or special needs to contact the College at their earliest opportunity in order to inform the College of the nature of their disability/special needs and to provide the relevant medical or psycho-educational documentation from a specialist, so that a Counsellor and student can jointly determine the appropriate accommodation(s) for the student, and so that the Counsellor can inform the relevant Instructors of the accommodation(s) required.

The documentation in support of the request for accommodation must include a recent (within 3 years) formal diagnosis and must explain the nature and degree of the disability or special need(s). In addition, the documentation should indicate that some degree of academic accommodation is required.

It is preferable that the relevant documentation be acquired by the student prior to arriving in Canada, as appropriate diagnosis and recommendations for

accommodation once in Canada may require considerable time and expense on the part of the student. With this information, Columbia College can then take reasonable measures to accommodate these students. The College will do its best to ensure that such students have an equal opportunity to achieve their optimum performance. These measures include, but are not limited to, the following adaptations/modifications to classroom management and the delivery of course content:

- Preferential seating
- Alternative delivery of lecture material
- Distraction-reduced environment for tests/exams/essays
- Permission to record lectures
- Extended time (both in-class and outside class) to complete assignments, essays, tests, and exams
- Regular washroom breaks

Note: All costs related to diagnosis, obtaining documentation, and ensuring accommodation of the special need or disability are the responsibility of the student.

Plagiarism and Other Forms of Cheating

https://www.columbiacollege.ca/wp-content/uploads/2021/01/2.5-Plagiarism-Policy-and-Procedure.pdf and https://www.columbiacollege.ca/wp-content/uploads/2021/01/2.6-Academic-Misconduct-Policy.docx.pdf

Plagiarism and other forms of cheating on course work will be treated as misconduct. Plagiarism, the presentation of another's words, thoughts or inventions as one's own, is regarded as a grave offense in all courses at Columbia College. Associated dishonest practices include the faking or falsification of data, cheating, or the uttering of false statements by a student in order to obtain unjustified concessions.

Students are asked to review the College's "Cheating and Plagiarism Policy and Protocols" available from Student Services or at the web link above.

Students may not bring electronic devices (besides approved calculators), including cellphones, into an exam. Violation of this policy will be viewed as a form of cheating.

If an instructor believes that a student has plagiarized, the instructor contacts a Counsellor. Within one business day of receiving a plagiarism charge from an instructor, the Counsellor will email the student at their Columbia College email address, thereby initiating the 7-day appeal period. The email will advise the student of the charge being filed, the consequences of the charge, the right to appeal, and the necessity to see a Counsellor prior to returning to that particular class

Should a student be accused of cheating and/or plagiarism, he or she should contact a Counsellor immediately. The Counsellor will review the College's "Cheating and Plagiarism Policy and Protocols" with the student and provide advice. Less serious matters may be dealt with informally with the consent of both parties. In more serious cases the instructor will recommend a penalty in accord with the College's published protocols. This penalty may be appealed to the Cheating and Plagiarism Appeal Committee which will make a final decision on the matter.

A student expelled for plagiarism will be assigned grades of F on all courses take in that semester.

Records of plagiarism are kept in the student's file.

Probation

A student is placed on probation if their semester GPA falls below 1.7 in UT courses, or their average mark falls below 55% in high school courses. Students on academic probation are required to increase their next semester's GPA to 1.7 or above (or 55% or above in high school courses) in order to remove the probationary status.

Students on academic probation for two consecutive semesters require permission from the Academic Probation Committee before they will be allowed to register for another semester. Students seeking such permission should consult a counsellor. Students on academic probation for three consecutive semesters will not normally be allowed to continue their studies at Columbia College. Students may appeal to the Academic Board for special consideration if documented extenuating circumstances exist. Students wishing to appeal should consult a counsellor.

Students denied permission to register because of probationary status must, if they wish to return to Columbia College, reapply to Columbia College and show evidence of improved academic performance at another academic institution. This will normally be a minimum of a "C" average on at least nine transferable credits.

A student who is placed on probation for misconduct will be required to demonstrate satisfactory conduct and satisfactory academic standing (semester UT Program GPA of 1.7 or above, or 55% or above in High School courses) in order to continue studying at the College., A student on probation is normally limited to a full-time load of 12 secondary credits (3 courses) or twelve university credits (or equivalent) per semester.

A student in a High School Program who is on academic probation must maintain full-time status by remaining in at least three courses. There are no limits on withdrawal from courses for a student in the University Transfer Program who is on academic probation.

Honour Roll

Each semester, full-time students in the University Transfer Program with a minimum course load of 12 credits and a semester GPA of 3.7 or higher, and full-time students in a High School Program with a semester average of 3.5 or higher will be placed on the College Honour Roll and receive Honour Roll Certificates.

Transcripts

Student Copy

The College generates a complete, up-to-date transcript for each registered student at the end of each semester. If the student is under the age of 19 and in a Foundation Program or ESL, then a copy of this transcript is also mailed to the student's parents. Parents of students in the University Transfer Program who are under the age of 19 will not normally receive regular communications from the College on their son/daughter's registration and performance. If parents have concerns about such matters, however, they are encouraged to contact Student Services, and they will be provided with more information.

In accordance with Canadian privacy laws, the parents of students over the age of 19 will not receive information concerning the student's progress unless a consent form is signed by the student. This may be done at his or her initial registration or as part of the application process.

Students may view their transcripts on the Student Portal and can print their own unofficial copies.

Official Copies

Upon the request of a student, official transcripts will be mailed directly to a university or college. Official transcripts will normally not be released to students directly. Official transcripts can be ordered online. For transcript ordering fees see "Fees".

Registration

Students must register each semester for the courses they plan to take in that semester. Each semester, prior to registration, students may choose to consult with a counsellor to review and plan their courses. Students in the University Transfer Program register online; High School students register in-person with a Counsellor. Students registering online will be given a specified time to log-on. Priority in registration is given to longer-term students, and newer students may find that preferred courses/sections are full when they come to register, and they may be placed on a Waitlist for their desired courses. The College makes every effort to provide an adequate selection of courses for students, and courses may be added to the timetable if there is sufficient demand.

Fees must be paid in full at the time of registration. Continuing students may register in the week following final examination week and are encouraged to do so since popular courses and times do fill up as registration proceeds. Registration for continuing students continues through the following weeks up to the first day of classes of the next semester.

Late Registration takes place during the first 5 days of classes, space permitting. A late fee will apply. Additional penalties will be assessed if tuition fees have not been paid in full by the fifth teaching day of the semester.

Repeated Courses

Students are not normally permitted to repeat a credit course more than twice.

Course Selection

Students usually register online. Counsellors are available to assist with course selection. (Course selection is subject to the College's approval.) Students who have successfully completed a higher-level course may not be permitted to register in a lower level course in the same subject area.

Course Changes: Add or Drop

Students may add, drop, or change courses up to the end of the fifth day of classes each semester. Courses dropped will not appear on the student's permanent record.

Withdrawals

After the 1st week of classes, and up to the end of the first day of the 10th week of classes, students may withdraw from a course. The notation "W" will appear after the course name on the student's permanent record. This course will not be considered when the GPA is computed. There will be no refunds on course withdrawals. Canadian immigration authorities may view withdrawals as changing a student's status from full-time to part-time.

In the case of a Secondary student under the age of 19, the College requires the written permission of a parent (or guardian) before a course withdrawal will be permitted. Secondary students wishing to withdraw from a course must consult a Counsellor. Failure to attend a course after registering for it does not constitute withdrawal, and will result in an F (or N, see "Grading System") grade on the student's record. Withdrawals are not permitted from required English courses, and the right to withdraw from courses in some programs (such as the University Preparatory Program) is limited. Students who are retaking courses for the purpose of improving a passing grade may withdraw from these courses up to the last day of classes. **Students wishing to withdraw from a course should consult a Counsellor.**

Semester Timetable and Course Offerings:
https://www.columbiacollege.ca/current-students/important-dates/

a) The semester timetable is issued by the Registrar and will be available prior to the end of the preceding semester. The College reserves the right to make changes in the timetable at its discretion.
b) If the number of students registered for a course is insufficient to warrant it being offered, that course may be cancelled. Conversely, additional sections may be added to a course where it is warranted.
c) Late adjustments to the timetable may involve changing instructors. Students should note that when they register, they are registering to take a particular course and section rather than to take a course with a specific instructor.

Addresses
All communications mailed to students are sent to the local address provided by the student. All students are urged to assist the College in keeping the College's records current, and to notify the College of any changes.

College E-mail
All students registered at Columbia College have an e-mail account. Instructions on how to access College e-mail are available on the College website: www.columbiacollege.ca

It is vital that students check their e-mail regularly for important information and updates. The College will not accept failure to check their e-mail as an excuse for being unaware of College policies.

Student Portal
All current students and alumni have access to the Student Portal at:
https://student.columbiacollege.bc.ca/login.asp where they can edit their personal details and find information about their classes, view transcripts and see their final exam grades. Students can also find their T2202A tax form for the previous year on the Portal.

Identification Cards
All new students are issued a Columbia College student identification card after they register. The card provides the student with a College photo-ID and serves as a library card. Students are required to produce photo-ID during examinations and at some other times on campus. Each semester student ID cards must be re-validated.

SERVICES AND FACILITIES

Columbia College is located just east of the city centre on Terminal Avenue, just two blocks away from Science World and the Main Street Skytrain station. The Main Campus building (at 438 Terminal Avenue) provides large student lounges and an excellent Library, as well as state-of-the-art classrooms and modern Biology, Chemistry, Computer Science and Physics laboratories. The ground floor houses retail units providing food services. Bicycle lockers and underground parking are available. Columbia College's North Campus, located near the Main Campus at 333 Terminal Avenue, hosts the College's High School Programs; this Campus is located in a newly-renovated building and also offers modern classrooms, student lounges and computer facilities. During COVID, all classes are held at the College main campus at 438 Terminal Avenue.

The **Student Services Department** encompasses counselling services, career counselling, student activities, accommodation information, orientation, student resources, first-aid, and services for international students. All information regarding Student Services can be found at the College website at:
https://www.columbiacollege.ca/current-students/

Counselling Services:
https://www.columbiacollege.ca/current-students/academic-advising/
Experienced Counsellors are available to assist students with program and course selection prior to and during each semester's registration period. They also assist students with career planning, university selections, and personal problems. Counsellors provide Study Permit extension letters and other letters that may be needed by students to satisfy Canada Immigration requirements. It is the students' own responsibility to see that their visas and passports are kept up to date.

Student Activities:
https://www.columbiacollege.ca/events
The Student Life Coordinator organizes a wide range of student activities. Activities include a variety of sports (such as soccer, table tennis, softball, volleyball and basketball) as well as other activities (such as dragon boating, hiking, ice skating, hockey games and skiing). The College competes with other local colleges in annual sport tournaments.

The College also hosts special events such as Graduation and Awards Ceremonies, arranges outings to professional sporting events and organizes ski trips to local mountains (e.g., Whistler), day trips to Victoria and Seattle, and outdoor activities such as rafting, canoeing and hiking.

Accommodation and Homestay:
https://www.columbiacollege.ca/homestay/
Students needing assistance with finding accommodation or requiring airport reception and/or temporary homestay upon arrival should contact the homestay coordinator at least one month in advance of arrival in Vancouver.

Homestay with a Canadian family can be an enriching cultural experience. Host families are carefully screened, and their performance is evaluated on a regular basis by the Homestay Coordinator. Columbia College endeavors to satisfy special homestay requirements, but where this

is not possible, students are advised of the alternatives. The Homestay Coordinator assists students in adjusting to their new environment while they are in homestay. Students who are interested in homestay should complete the Homestay Application Form and return it to the homestay coordinator together with the applicable fees (see "Fees").

Student Association:
https://www.columbiacollege.ca/ccsa
Columbia College has an elected Student Association that includes a Public Outreach Committee, an Event and Promotion Committee, a Student Advocacy Committee and a Health and Wellness Committee. Elected representatives gain valuable leadership experience and the association promotes student involvement in both the internal college community and in external outreach, while providing valuable linkage to the college high school.

Career Centre: https://www.columbiacollege.ca/career-services
A dedicated career counsellor is available to assist students in developing their career path, finding employment off campus and preparing for continued education and work after graduation.

Off-Campus Employment:
https://www.columbiacollege.ca/career-services/employment-opportunities
Students studying at the post-secondary level at a Designated Learning Institution (DLI) are usually permitted to accept part-time off-campus employment while they are studying in Canada. Columbia College is a Designated learning Institution. Details may be viewed at: https://www.canada.ca/en/immigration-refugees-citizenship/services/study-canada/work/work-off-campus.html

All students who wish to partake in employment in Canada must first get a Social Insurance Number (SIN). Information about how to get a SIN is available at: www.servicecanada.gc.ca/eng/sin/apply/how.shtml
Orientation: https://www.columbiacollege.ca/orientation
Orientation is provided before each semester begins and is designed to introduce new students to the academic and social life of the College. Academic programs are previewed and planned, students' Math and English skills are assessed, and information on Columbia College and life in Vancouver is provided. The orientation program is particularly important to international students, and they should make every effort to attend the orientation activities. A welcome package will be sent to each new student detailing the orientation schedule.
Orientation for students in High School Programs begins one week before classes start each semester, and students are required to attend.

Medical Insurance:
All Columbia College students without MSP (BC Medical Services Plan) effective to the last day of the last month of the semester at Columbia College, will be automatically enrolled in the College's Student Insurance Plan provided by Guard.me at a cost of $190. Students who receive MSP after they register can apply to Guard.me for a prorated refund (specific terms apply). All students without MSP are encouraged to apply to MSP as soon as possible as Guard.me is designed to cover your urgent medical care needs until your MSP becomes active. The cost of MSP for international students is $75 per month ($900 per year). More information about Medical Insurance can be found here: https://www.columbiacollege.ca/new-students/medicalinsurance/ and specific information about the guard.me plan can be found here: www.guard.me/columbiacollege.

Alumni Society:
https://www.columbiacollege.ca/alumni/about/
Alumni of Columbia College are encouraged to join the Columbia College Alumni Society. Membership in the Society gives full access to College facilities (except borrowing privileges and tutoring services). Columbia maintains a database of College alumni; students who are leaving Columbia College are asked to complete the appropriate form in Student Services in order to be included in the alumni database. Alumni are encouraged to keep in touch through the Columbia College Facebook page. Ex-students who wish to join the Alumni Society are invited to contact the College by email (admin@columbiacollege.ca).

Library: https://www.columbiacollege.ca/library/
The library partners with students to support their learning. The library collection provides books, e-books, journal articles, streaming videos, and dozens of other online sources for student research projects. The library space includes group work rooms, silent and quiet study areas, and a lounge space. Staff at the library assist students in learning how to conduct research and use sources. The library includes a leisure reading collection to provide students with fun material for their enjoyment, and hosts speakers and entertainment for further learning and relaxation.

Learning Centre
https://www.columbiacollege.ca/current-students/learning-centre/
The Learning Centre offers a variety of free services designed to assist students in their course work and beyond, including individual tutoring sessions in English, Mathematics and Economics. The Centre is located on the fourth floor of the Main Campus.

Computer Centre
The Computer Centre supports six facilities: in the Main Campus two Computer Labs, the Study Centre on the 2nd floor which provides 28 stations, the Library on the 2nd floor which provides a further 20 stations, and a classroom on the fourth floor (411) which is equipped with 32 stations; in the North Campus a 32 station Computer

Lab. The Computer Help Desk is located on the fourth floor (room 413) of the Main campus.

Laboratories
The College has modern Biology, Chemistry and Physics Laboratories, all equipped for experimental work at the university level.

Bookstore
The College Bookstore stocks all the textbooks and supplies required by students for their courses.

First-Aid Room and Nurse
The College Nurses have their office in a fully equipped First-Aid Room. They are available to see students on a regular basis on both the Main Campus and North Campus.

Student Lounges
The College provides two large student lounges (both of which are equipped with full-service vending machines, microwave ovens and kettles) in the Main Campus and another large lounge in the North Campus.

Clubs https://www.columbiacollege.ca/clubs
Clubs are a great opportunity for students to get involved, grow as an individual, explore different activities, find a passion, and connect with others in the community! With the support of students and staff at Columbia College, we are able to offer new clubs and events based on student interests.

Fitness Club
Students may join a local fitness club at a discounted rate. The club has several convenient locations which offer cardio equipment, free weights and machines, showers and lockers, as well as fitness classes and professional health advice. Fitness club passes are limited and are available each semester from the first week of classes on a first come, first served basis.

CHARITABLE PROGRAMS

Columbia College is an independent not-for-profit college with over 85 years of history. Since 1936 the College has helped students find their voice with the confidence to use it in ways that will better their future. As a registered charity, all revenues and resources are invested into education. The College has supported students from all different backgrounds with unique initiatives to enable their success.

In 2018 the College community made a decision to leverage and expand activities aligned with the College's charitable status. The three Centres described below enable the College to reinvest resources, donations, and proceeds from our partnerships into helping students from all backgrounds to succeed.

INTERNATIONAL CENTRE FOR STUDENT SUCCESS (ICSS):

The ICSS provides comprehensive and holistic wrap-around supports to enable students from diverse backgrounds to access, continue, or restart their academic journey. Programs at the ICSS include counselling, tutoring, academic advising, immigration advisors, career support, and annual events such as the LIMITLESS Conference to support and profile leadership skills amongst international students and includes the:

Essential Technology and Workplace Skills Program

The Essential Technology and Workplace Skills Program's primary purpose is to improve all learner's digital literacy and work-ready skills by providing accessible, up-to-date training modules. The program provides fundamental training in Microsoft Word, Excel, Powerpoint, as well as a Typing Essentials Program, to ensure students in all disciplines are equipped for full participation in academic programs as well as the future workforce. The LinkedIn Learning Circle program provides students with free access to the LinkedIn Learning platform with modules in areas such as Business, Technology, Creativity, and Leadership.

Community Connections Program

In this program students are placed into paid externship with local organizations. Successful applicants are placed to take on project work with local non-profit and community benefit organizations. Students who are placed with local organizations will be paid a salary for their work during each semester at the College.

CentRe FOR EQUITABLE ACCESS TO TRANSFORMATIVE EDUCATION (CREATE):

Equity in education requires an understanding of the unique challenges and barriers faced by individual students. For the Columbia College community, this means spreading access to transformative education across diverse populations through specific systems and supports to help overcome those barriers. Since 2016, Columbia College has demonstrated both commitment and leadership in growing and expanding equitable opportunities to access an education.

The CentRe has provides the following funding and programs to support youth facing barriers to access a higher education:

1. **Global Scholars Program: Student Refugee Program**

a. Internal Claimant Bursary
b. Resettlement Bursary

2. **Global Scholars Program: World University Services of Canada**
   a. WUSC Local Committee
3. **Equitable Access to Education**
   a. Canadian Mobility Exchange
   b. Scholarships and Bursaries
4. **Student Emergency Support and Technology Access Program**
5. **Transit Subsidy: ACCESS Card**

COLLABORATIVE EDUCATION LAB (CO-LAB)

The Co-LAB provides a dedicated space, resources, and support tolaunch multi-disciplinary projects designed to: a) explore new approaches to student-centred learning, and b) empower students, instructors, and college alumni to take leadership roles advancing place-based solutions to social, economic and environmental challenges.

Co-LAB Project Categories:

1. Open Educational Resources Fund
2. Innovations in Learning
3. Faculty-Student Research Projects
4. Community Development Accelerator

ASSOCIATE DEGREES AND CERTIFICATES

Associate Degrees in Arts or Science

See "Program Requirements"

Second Year University Transfer Certificates

Second Year Arts
Requirements: Completion of 20 courses, the majority of which must be in English and Social Science courses and at least 6 of which are at the second-year level, to include 4 English courses, at least 1 of which is at the second-year level. The last 10 courses must be taken at Columbia College.

Second Year Commerce
Requirements: Completion of 20 courses, with at least 9 courses in the Commerce and Economics area, of which 6 courses are at the second-year level. The last 10 courses must be taken at Columbia College.

Second Year General Studies
Requirements: Completion of 20 courses, with at least 6 courses at the second-year level including courses selected from eight departments. The last 10 courses must be taken at Columbia College.

Second Year Science
Requirements: Completion of 20 courses including at least 6 courses at the second-year level. At least 9 courses must be in the Math/Science area (Applied Science, Biology, Chemistry, Computer Science, Mathematics or Physics) of which at least 6 must be at the second-year level. At least one Lab Science course (not to be BIOL 100 or CHEM 100) must be included. The last 10 courses must be taken at Columbia College.

Second Year Social Science
Requirements: Completion of 20 courses of course work, with at least 6 courses in Social Science (includes any courses in the Social Science division or Philosophy) at the second-year level. The last 10 courses must be taken at Columbia College.

First Year University Transfer Certificates

First Year Arts
Requirements: Completion of 10 courses, including one of English 100 or 101 and one of English 108, 110, 121 or 131. The last 5 courses must be taken at Columbia College.

First Year Commerce
Requirements: Completion of 10 courses, including at least 5 courses in the Economics and Commerce areas; the last 5 courses must be taken at Columbia College.

First Year Computer Science
Requirements: Completion of 10 courses, which must include at least 2 courses in Computer Science (not counting CSCI 101) and 2 courses in Mathematics (which will be MATH 113 and 114) and one Lab Science course (not to be BIOL 100 or CHEM 100).

First Year Science
Requirements: Completion of 10 courses, including at least 5 courses in Mathematics and the Lab Sciences (not BIOL 100 or CHEM 100); the last 5 courses must be taken at Columbia College.

First Year Social Science
Requirements: Completion of 10 courses, including at least 5 courses in the Social Science areas; the last 5 courses must be taken at Columbia College.

First Year General Studies
Requirements: Completion of 10 courses, including courses selected from at least five departments; the last 5 courses must be taken at Columbia College.

First Year Engineering.

Requirements: Completion of the courses listed under "Engineering at Columbia College" of this Calendar (a total of 42 credits).

High School Certificates

Senior Secondary Graduation Diploma
Requirements: Completion of graduation requirements as outlined by the Ministry of Education in the province of British Columbia see "Senior Secondary Program". At least 32 credits, including English 11 and 12, Social Studies 11 or Social Studies 12, Career Life Education and Career Life Connections and 12 credits in academic grade 12 courses, must be taken at Columbia College. Students who complete the requirements for high school graduation in BC at Columbia College will also receive a BC High School Graduation Diploma (the Dogwood Diploma) from the BC Ministry of Education.

Accelerated Secondary Program Graduation Certificate
Requirements: Completion of the Accelerated Secondary Program. At least 16 credits must be taken at Columbia College. Students in this program will not receive a BC Ministry of Education Dogwood Diploma.

Adult Secondary Graduation Diploma
Requirements: Completion of graduation requirements as outlined in the "Adult Secondary Program". At least 16 credits in academic grade 12 courses must be taken at Columbia College. Students who complete the requirements for Adult high school graduation in BC at Columbia College will also receive a BC Adult High School Graduation Diploma (the Adult Dogwood Diploma) from the BC Ministry of Education.

English for Academic Purposes Certificate

Requirements: Upon leaving the English for Academic Purposes program, a certificate indicating the final successful English level achieved and number of months of study is presented.

SCHOLARSHIPS, AWARDS AND BURSARIES

https://www.columbiacollege.ca/scholarships/

Scholarships:

Columbia College Entrance Scholarship
This scholarship is intended to provide youth who have demonstrated academic aptitude and a commitment to success, who are facing barriers, with an opportunity to access a higher education. Students must be a new applicant to Columbia College. Successful recipients will be selected from regions around the world where there are significant, ongoing, and systemic barriers to higher education.

Columbia College Academic Scholarships
Scholarships are awarded primarily on the basis of academic performance. Eight scholarships for $2,500 are awarded to students studying at the University Transfer/Associate Degree level, and the other two scholarships, including the Gerry Brown Memorial Scholarship, are awarded to two students in the Secondary Program.

The Jason Graham Memorial Scholarship
In the Winter Semester of each year, one scholarship worth $5000.00 is awarded to an outstanding student in the Arts in memory of a former student of Columbia College.

The John Helm Memorial Scholarship
In the Winter Semester of each year, one scholarship worth $5000.00 is awarded to an outstanding student in the Math/Sciences in memory of John Helm, former Director of Admissions, Vice Principal, and longtime employee of Columbia College.

The Gary Swanson English Preparation Scholarship
In each semester, a scholarship is awarded to a student who demonstrates excellence in their University Preparatory English class(es), including English 098, Writing Discourse 098, and English 099.

Guard.me Scholarship for International Business Students
In the Winter Semester of each year, one scholarship worth $5000.00 is awarded to an outstanding international student in the field of Business. This scholarship is provided by guard.me, the provider of the Columbia College Student Medical Plan.

Outstanding Student Scholarship
In the Winter Semester of each year, one scholarship worth $5000.00 is awarded to an outstanding student in the UT program, nominated by two instructors. The scholarship specifically recognizes the student's interest in, and dedication to their studies. Participation in activities at the College is also considered.

Awards:

Top Associate Degree Award

Each semester two $3000 awards are given to the students who achieved the highest CGPA in completing the requirements Associate of Arts/Busines and the other for an Associate of Science, Math or Computer Science.

Classroom Appreciation Awards

Classroom Appreciation Awards will be awarded each semester to students who have excelled in specific subject areas while at Columbia College.

For Students Proceeding to University

Columbia College has endowed funds to provide scholarships for outstanding students who have completed their studies at Columbia College and have proceeded to Simon Fraser University or to the University of British Columbia. Interested students should contact the Scholarship Offices at these institutions to inquire about the Columbia College A.J. Mouncey Scholarship (UBC) and the Columbia College Academic Award (SFU).

TRANSFERABILITY OF UNIVERSITY COURSES

Columbia College participates in the BC Transfer System as overseen by the BC Council on Admissions and Transfer (BCCAT). Within this system BC universities guarantee that they will grant transfer credit for specific courses taken at colleges.

The abbreviated transfer guide below provides students with information on the transferability of university courses taken at Columbia College to Simon Fraser University, the University of British Columbia, the University of Victoria, University of Northern British Columbia and Kwantlen Polytechnic University. New transfer information is added throughout the year. **For complete up-to-date transfer information, including transfer of Columbia College courses to other BC universities see the BC Transfer Guide at: www.bctransferguide.ca**

Universities across Canada and the United States will normally grant similar transfer credits for courses taken at Columbia College. Most universities in Canada have signed the Pan-Canadian Protocol on the Transferability of University Credits and are committed to maximizing the portability of university credits. Receiving institutions in other provinces will evaluate and assign transfer credit upon application.

In 2007 the coordinating bodies of the Transfer Systems in BC and Alberta (BCCAT and ACAT respectively) signed the British Columbia/Alberta Transfer System Protocol to provide assurance to students transferring between institutions in BC and Alberta that they will "receive transfer credit for courses or programs they have successfully completed where the content/outcomes are demonstrably equivalent to those offered at the institution to which they transfer". Under the terms of this agreement, Columbia College courses will normally be awarded transfer credit by universities in Alberta, just as they are in BC.

Block Transfer Arrangements

Degree Programs (Various) – Fairleigh Dickinson University (Vancouver)
Columbia College has signed an MOU with Fairleigh Dickenson University that will facilitate the transfer of students who have completed an Associate Degree (with a minimum GPA of 2.5) at Columbia College into degree programs at FDU. (Options include Bachelor degrees in Business Administration and Information Technology.)

Bachelor of Commerce -- Royal Roads University (Victoria, BC)
Columbia College has a block transfer arrangement with Royal Roads University for students to transfer into the third year of the Bachelor of Commerce in the Entrepreneurial Management Degree Program. Under the terms of agreement students who complete an Associate of Arts Degree or Associate of Arts Degree (Business Administration Concentration), including ACCT 251 and with GPA 3.0 or better, are eligible for admission to RRU with full block transfer (provided all other entrance criteria are met and space remains available in the Program).

Business Programs - Acsenda School of Management (Vancouver).
Columbia College has signed an MOU with Acsenda School of Management (ASM) that allows students who complete a Columbia College Associate of Arts Degree (Business Administration Concentration), including some specified courses, to transfer into Business programs at ASM.

Degree Programs - University of Northern British Columbia (UNBC)
Columbia College has signed an MOU with the University of Northern British Columbia (UNBC) for Associate Degree holders. Students with a 2.0 GPA or higher can block transfer to UNBC and students with a 3.0 GPA or higher will be guaranteed admission. Additional specific department requirements for entry to a particular program of study may need to be met. Associate of Arts holders can apply to Geography,

Psychology, or Environmental Studies. Associate of Science students can apply to Biology, Chemistry, Computer Science, Environmental Science, Health Sciences, Mathematics, and Physics programs.

Students interested in these Block Transfer arrangements should consult a counsel

COLUMBIA COLLEGE TRANSFER GUIDE TO LOCAL UNIVERSITIES

Transfer information is correct at the time of publication but may change. For the latest information and more transfer universities on course transfer consult the BC Transfer Guide at www.bctransferguide.ca .

Columbia College (3 credits unless otherwise stated)	Simon Fraser University (Credits)	University of British Columbia Vancouver Campus (Credits)	University of British Columbia Okanagan Campus (Credits)	University of Victoria (Units)	University of Northern British Columbia (Credits)	Kwantlen Polytechnic University (Credits)
Accounting 251	BUS 251 (3) Q	COMM 293 (3)	MGMT 201(3), MG	COM 2XX (1.5)	COMM 210 (3)	ACCT 2293 (3)
Accounting 254	BUS 254 (3) Q	COMM 294 (3)	MGMT 202(3)	COM 2XX (1.5)	COMM 211 (3)	ACCT 3320 (3)
Anthropology 110	SA 101 (3)	ANTH 2nd (3)	ANTH 1st (3)	ANTH 1XX (1.5)	ANTH 1XX (3)	ANTH 1100 (3)
Anthropology 130	ARCH 100 (3) B-Soc	ARCL 103 (3)	ANTH 103	ANTH 240 (1.5)	ANTH 1XX (3)	ANTH 1300 (3)
Anthropology 110 & 120 (6 credits)	SA 101 (4) & SA 1XX (2) B-Soc	ANTH 100 (3) & ANTH 2nd (3)	ANTH 1st (3) & ANTH 100 (3)	ANTH 1XX (1.5)	ANTH 1XX (3) & ANTH 2XX (3)	ANTH 1XXX (3)
Anthropology 212	SA 2nd ANTH (3)	ANTH 213 (3)	ANTH 2nd (3)	ANTH 2XX (1.5)	ANTH 2XX (3)	ANTH 2120 (3)
Anthropology 230	SA 2XX (3)	ANTH 2nd (3)	-	ANTH 2XX (1.5)	ANTH 2XX (3)	ANTH 2XX X (3)
Anthropology 240	ARCH 2XX (3)	ANTH 140 (3)	ANTH 2nd (3)	ANTH 2XX (1.5)	ANTH 203 (3)	ANTH 2340 (3)
Applied Science 151 (4 credits)	ENSC 204 (1)	APSC 151 (3)	APSC 171 (3)	-	CPSC 1XX (3)	APSC 1151 (3)
Applied Science 160	CMPT 128 (3) Q/B-Sci Precludes credit for CMPT 125.	APSC 160 (3)	APSC 177 (3)	CSC 111 (1.5)	CPSC 110 (3)	INFO 1112 (3)
Art History 100	CA 1XX (3) B-Hum. Visual Arts History	ARTH 1st (3)	ARTH 101 (3)	AHVS 1XX (1.5)	HUMN 1XX (3)	ARTH 1XXX (3)
Art History 210	CA 1XX (3)	ARTH 2nd (3)	ARTH 2nd (3)	AHVS 2XX (1.5)	HUMN 2XX (3)	ARTH 2126 (3)
Art History 220	CA 1XX (3), Art and Culture	ARTH 2nd (3)	ELEV 1st (3)	AHVS 234 (1.5)	HUMN 2XX (3)	ARTH 2XXX (3)
Art History 230	CA 1XX (3), Art History	ARTH 2nd (3)	ARTH 1st (3)	AHVS 2XX (1.5)	HUMN 1XX (3)	ARTH 2XXX (3)
Art History 240	HUM 222 (3)	-	ARTH 102 (3)	AHVS 2XX (1.5)	HUMN 2XX (3)	ARTH 2XXX
Asian Studies 110	ASC 1XX (3)	ASIA 100 (3)	- (see below)	PAAS 1XX (1.5)	INTS 204 (3)	ASIA 1XXX (3)
Asian Studies 120	ASC 1XX (3)	ASIA 101 (3	- (see below)	PAAS 1XX (1.5)	INTS 203 (3)	-(see below)
Asian Studies 110 & Asian Studies 120	ASC 1XX (3)	ASIA 100 (3) & ASIA 101 (3)	HIST 214 (3) & HIST 224 (3)	PAAS 1XX (1.5)	INTS 204 & INTS 203	ASIA 1XXX (3) & HIST 1150 (3)
Asian Studies 131	ASC 1XX (3)	ASIA 2nd (3)	ARTS 1st (3)	RCS 200B (1.5)	INTS 2XX (3)	ASIA 1XXX (3)
Asian Studies 213	ASC 202 (3)	ASIA 2nd (3)	CULT 2nd (3)	AHVS 2XX (1.5)	HUMN 2XX (3)	ASIA 2XXX (3)
Asian Studies 250	GA 2XX (3)	ASIA 250 (3)	ARTS 2nd (3)	RCS 2XX (1.5)	PHIL 2XX (3)	ASIA 2365 (3)
Biochemistry 201	MBB 2XX (3)	BIOC 2nd (3)	BIOL 2nd (3)	BIOC 299 (1.5)	CHEM 204 (3)	BIOL 2421 (3)
Biology 100 (4 credits)	HSCI 100 (3) B-Sci	-	BIOL 122 (3)	BIOL 150B (1.5)	SCIE 1XX (3)	BIOL 1112 (4)
Biology 105 (4 credits)	BISC 1XX (4)		BIOL1st (3), not for science majors	BIOL 1XX (1.5)	BIOL 110 (3)	BIOL 1XXX (4)
Biology 110 (4 credits)	(See Below Biology 110 and 120)	BIOL 1st (4)	(See Below Biology 110 and 120)	BIOL 184 (1.5)	BIOL 1XX (1.5) (See Below Biology 110 and 120)	BIOL 1XXX (4) (See Below Biology 110 and 120)
Biology 120 (4 credits)	BISC 1XX (3) B-Sci	BIOL 1st (4)	-	BIOL 186 (1.5)	BIOL 1XX (4)	BIOL 1XXX (4)
Biology 130 (4 credits)	BPK 105 (3) & BPK 1XX (1)	BIOL 1st (4)	BIOL 131 (3)	BIOL 1XX (1.5)	HHSC 105 (3)	BIOL 1XXX (4)
Biology 110 & 120 (8 credits)	BISC 101(3) & 102 (3) B-Sci	BIOL 1st (8) COLU BIOL 110 (3) & 120 (3) = UBC BIOL 1st (8), Exempt UBC BIOL 111, 121, 140.	BIOL 116 (3) & BIOL 125 (3)	BIOL 184 & BIOL 186 (3)	BIOL 103 (3) & BIOL 123 (1) & BIOL 104 (3) & BIOL 124 (1)	BIOL 1110 (4) & BIOL 1210 (4)
Biology 200 (4 credits)	MBB 201 (3)	BIOL 200 (3)	BIOL 200 (3)	BIOL 225 (1.5)	BIOL 311 (3)	BIOL 2XXX (3)

Biology 205	-	MICB 2nd (3)	BIOL 2nd (3)	MICR 2XX (1.5)	BIOL 2XX (3)	BIOL 2XXX (3)
Biology 234	BISC 202 (3)	BIOL 234 (3)	BIOL 265 (3)	BIOL 230 (1.5)	BIOL 210 (3)	BIOL 2XXX (3)
Biology 260	BISC 205 (3)	-	BIOL–O 125 (3)	-	BIOL 2XX (3)	BIOL 2XXX (3)
Business 250	BUS 2XX (3)	COMM 296 (3)	MGMT 220 (3)	COM 250 (1.5)	COMM 240 (3)	MRKT 1199 (3)
Business 272	BUS 272 (3)	COMM 192 (3)	MGMT 2nd (3)	COM 220 (1.5)	COMM 230 (3)	BUSI 1215 (3)
Business 290	BUS 1XX (3)	COMM 190 (3)	MGMT 2nd (3)	MATH 151 (1.5)	COMM 251 (3)	BUSI 2XXX (3)
Business 291 (4 credits)	BUEC 232 (4) Q or ECON 233 (4)	COMM 191 (3) & COMM 2nd (1)	STAT 121 (3)	STAT 252 (1.5) or STAT 255 (1.5)	ECON 205 (3) or STAT 240 (3)	BUQU 1230 (3)
Business 298	BUS 1XX (3)	COMM 298 (3)	MGMT 2nd (3)	COM 240 (1.5)	COMM 220 (3)	ACCT 3380 (3)
Chemistry 100 (4 credits)	CHEM 111 (4) Q/B-Sci	CHEM 1st (3), not for credit in Science, AppSc. Forestry or Land and Food Systems.	CHEM 1st (3)	CHEM 1XX (1.5)	CHEM 110 (3)	CHEM 1101 (4)
Chemistry 121 (4 credits)	CHEM 121 (4) Q/B-Sci	CHEM 1st (4) (See Below Chemistry 121 & 123)	CHEM 121 (4)	CHEM 101 (1.5)	CHEM 100 (3) & CHEM 120 (1)	CHEM 1XXX (4) (See Below Chemistry 121 & 123)
Chemistry 123 (4 credits)	CHEM 122 (2) Q & CHEM 126 (2) Q	CHEM 1st (4) (See Below Chemistry 121 & 123)	CHEM 123 (3)	CHEM 102 (1.5)	CHEM 101 (3) & CHEM 121 (1)	CHEM 1XXX (4) (See Below Chemistry 121 & 123)
Chemistry 121 & 123 (8 credits)	CHEM 121 (4), CHEM 122 (2) & CHEM 126 (2)	CHEM 121 (4) & CHEM 123 (4)	CHEM 121 (3) & CHEM 123 (3)	CHEM 101 & CHEM 102 (3.0)	CHEM 100 (3) & CHEM 120 (1), CHEM 101 (3) & CHEM 121 (1)	CHEM 1110 (4) & CHEM 1210 (4)
Chemistry 210 (4 credits)	CHEM 281 (4) Q	CHEM 2nd (4) (See Below Chemistry 210 & Chemistry 220)	CHEM 203 (3) & CHEM 213 (3)	CHEM 231 (1.5)	CHEM 201 (3) & CHEM 250 (1)	CHEM 2320 (4)
Chemistry 220 (4 credits)	CHEM 282(2) Q & CHEM 286 (2) Q	CHEM 2nd (4) (See Below Chemistry 210 & Chemistry 220)	CHEM 204 (3) or CHEM 214 (3)	CHEM 234 (1.5) May 19 and onwards	CHEM 203 (3) & CHEM 251 (1)	CHEM 2420 (4)
Chemistry 230 (8 credits) or Chemistry 210 (4) & Chemistry 220 (4)	CHEM 281(4) Q, CHEM 282 (2)Q & 286(2) Q	CHEM 203 (4), CHEM 213 (3) & CHEM 245 (1)	CHEM 203 (3) & CHEM 204 (3) or CHEM 213 (3) & CHEM 214 (3)	CHEM 231 (1.5) & CHEM 234 (1.5) May 19 and onwards	CHEM 201 (3) & CHEM 250 (1) & CHEM 203 (3) & CHEM 251 (1)	CHEM 2320 (4) & CHEM 2420 (4)
Computer Science CSCI 101	CMPT 1XX (3)	CPSC 100 (3)	COSC 122 (3)	CSC 100 (1.5)	CPSC 1XX (3)	CPSC 1100 (3)
Computer Science CSCI 120	CMPT 120 (3) Q/B-Sci or CMPT 128 (3) Q/B-Sci or CMPT 130 (3) Q/B-Sci	CPSC 1st (3)	COSC 111 (3)	CSC 1XX (1.5)	CPSC 1XX (3) COLU CSCI 101 & 120 = UNBC CPSC 100 (4) & CPSC 1XX (2)	INFO 1112 (3)
Computer Science CSCI 125	CMPT 125 (3) Q & CMPT 127 (0) Exemption	CPSC 1st (3) COLU CSCI 120 & 125 = CPSC 1st (3) and CPSC 2nd(3) and exempt CPSC 110	COSC 121 (3)	CSC 110 (1.5)	CPSC 1XX (3)	INFO 2313 (3)
Computer Science CSCI 150	CMPT 1XX (3) Q	CPSC 1st (3) COLU CSCI 150 & CSCI 225 & MATH 120 = UBC CPSC 121 (4) & UBC CPSC 1st (1) &* CPSC 221 (4)	COSC 150 (3)	CSC 1XX (1.5)	CPSC 230 (4)	-
Computer Science CSCI 150 & Math 120 (6 credits)	CMPT 1XX (3) Q & MACM 101(3) Q/B-Sci	CPSC 121 (4) & CPSC 1st (2)	COSC 150 (3) & COSC 1st (3)	CSC 1XX (1.5) & MATH 122 (1.5)	CPSC 230 (4) & MATH 122 (1.5)	CPSC 1250 (3) & INFO 1214 (3)
Computer Science CSCI 165	CMPT 165 (3) B-Sci	-	-	CSC 1XX (1.5)	-	INFO 1213 (3)
Computer Science CSCI 225	CMPT 225 (3) Q	CPSC 2nd (3), exempt CPSC 221 COLU CSCI 225 & CSCI 275 = UBC CPSC 210 (4) & CPSC 2nd (2)	COSC 222 (3)	CSC 115 (1.5)	CPSC 281 (3)	CPSC 2302 (3)
Computer Science CSCI 237	BUS 237 (3)	UBCV COMM 2nd (3),exempts UBCV COMM 205 (3)	COSC 1st (3)	CSC 105 (1.5)	CPSC 150 (3)	CBSY 2205 (3)

Computer Science CSCI 250	CMPT 1XX (3) , Q	CPSC 2nd (3)	COSC 211 (3)	CSC 230 (1.5)	CPSC 231 (4)	INFO 1XXX (3)
Computer Science CSCI 275	CMPT 275 (3)	CPSC 2nd (3) (see CSCI 225 above)	COSC 2nd (3)	SENG 2XX (1.5)	CPSC 300 (3)	-
Computer Science CSCI 295	CMPT 295 (3)	CPSC 2nd (3) Credit only given for one of CSCI 250 and 295	COSC 211 (3)	CSC230 (1.5)	-	CPSC 1XXX (3)
Communication 110	CMNS 110 (3) B-Soc	ARTS 1st (3)	ARTS 1st (3)	HUM 1XX (1.5)	HUMN 1XX (3)	COMM 1100 (3)
Communication 130	CMNS 130 (3)	ARTS 1st (3)	ARTS 1st (3)	HUM 1XX (1.5)	SOSC 1XX (3)	COMM 1XXX(3)
Communication 199	CMNS 2XX	ARTS 2nd (3)	CCS 1st (3)	AHVS 121 (1.5)	HUMN 1XX (3)	CMNS 1XXX (3)
Communication 205	CMNS 2XX (3)	ARTS 2nd (3)	-	PSYC 2XX (1.5)	HUMN 2XX (3)	-
Communication 210	CMNS 210 (3)	ARTS 1st (3)	ARTS 1st (3)	HUMA 1XX (1.5)	HIST 2XX (3)	COMM 2XXX (3)
Communication 220	CMNS 220 (3)	ARTS 2nd (3)	ARTS 2nd (3)	SOCI 2XX (1.5)	SOSC 2XX (3)	COMM 1110 (3)
Communication 221	CMNS 221 (3)	ARTS 2nd (3)	CULT 100	SOCI 220 (1.5)	ANTH 207	-
Communication 223	CMNS 223 (3)	ARTS 2nd (3)	ARTS 2nd (3)	SOSC 2XX (1.5)	HUMN 2XX (3)	SOCI 2XXX (3)
Communication 230	CMNS 230 (3)	ARTS 2nd (3)	ARTS 2nd (3)	SOCI 2XX (1.5)	COMM 2XX (3)	-
Communication 253	CMNS 253 (3)	ARTS 1st (3)	-	SOCI 2XX (1.5). Cannot take UVIC SOCI 320 for further credit.	HUMN 2XX (3)	SOCI 2XXX (3)
Communication 262	CMNS 202 (3)	-	-	SOSC 1XX (1.5)	HUMN 2XX (3)	COMM 2XXX (3)
Criminology 100	CRIM 131 (3) B-Soc	ARTS 1st (3)	ARTS 1st (3)	SOCI 1XX (1.5)	SOSC 1XX (3)	CRIM 1101 (3)
Criminology 135	CRIM 135 (3)	-	ARTS 1st (3)	SOCI 1XX (1.5)	SOSC 1XX (3)	CRIM 1107 (3)
Criminology 150	CRIM 101 (3) B-Soc	ARTS 1st (3)	ARTS 1st (3)	SOCI 1XX (1.5)	SOSC 1XX (3)	CRIM 1100 (3)
Criminology 203	CRIM 203 (3)	HIST 2nd (3)	SOCI 2nd (3)	SOCI 2XX (1.5)	SOSC 2XX (3)	CRIM 2XXX (3)
Criminology 220	CRIM 251 (3)			SOCI 2XX (1.5)	SOSC 1XX (3)	CRIM 2211 (3)
Criminology 251	CRIM 103 (3) B-Soc	ARTS 1st (3)	ARTS 1st (3)	PSYC 2XX (1.5)	PSYC 2XX (3)	CRIM 2330 (3)
Criminology 252	CRIM 104 (3) B-Soc	SOCI 2nd (3)	ARTS 1st (3)	SOCI 206 (1.5)	SOSC 2XX (3)	CRIM 2331 (3)
Economics 101	ECON 1XX (3) B-Soc	ECON 1st (3) - Econ courses taking prior or concurrently to this one will not count towards transfer.	ECON 1st (3) - Econ courses taking prior or concurrently to this one will not count towards transfer.	ECON 100 (1.5)	ECON 1XX (3)	ECON 1101 (3)
Economics 103	ECON 103 (3) Q/B-Soc	ECON 101 (3)	ECON 101 (3)	ECON 103 (1.5)	ECON 100 (3)	ECON 1150 (3)
Economics 105	ECON 105 (3) Q/B-Soc	ECON 102 (3)	ECON 102 (3)	ECON 104 (1.5)	ECON 101 (3)	ECON 1250 (3)
Economics 207	BUS 207(3) Q	COMM 295 (3)	ECON 295 (3)	ECON 205 (1.5)	ECON 350 (3)	ECON 3150 (3)
Economics 234	ECON 1XX (3)	-	ECON 260 (3)	ECON 2XX (1.5)	ECON 2XX (3)	ARTS 2XXX (3)
Economics 240	ECON 2XX (3) Q	ECON 2nd (3)	ECON 2nd (3)	ECON 2XX (1.5)	ECON 317 (3)	ECON 2210 (3)
Economics 260	ECON 260 (3) Q	ECON 2nd (3)	-	ECON 2XX 1.5)	ECON 2XX (3)	ECON 2260 (3)
Economics 280	BUEC 280 (3) Q	-	-	ECON 2XX (1.5)	ECON 2XX (3)	ECON 2280 (3)
Economics 290	ECON 290 (3) Q	ECON 2nd (3)	-	ECON 2XX (1.5)	ECON 2XX (3)	ECON 2XXX (3)
Economics 291	ECON 291 (3) Q	ECON 2nd (3)	-	ECON 2XX (1.5)	ECON 2XX (3)	ECON 1XXX (3)
English 100	ENGL 199 (3) W	WRDS 150 (3) Credit for only one of ENGL 100 or 101	ENGL 112 (3), credit for only one of CC ENGL 100 or 101	ATWP 135 (1.5)	ENGL 170 (3)	ENGL 1100 (3)
English 101	ENGL 199 (3) W	WRDS 150 (3) Credit for only one of CC ENGL 100 or 101	ENGL 112 (3), credit for only one of CC ENGL 100 or 101	ATWP 135	ENGL 170 (3)	ENGL 1100 (3)
English 108	ENGL 1XX (3) B-Hum	ENGL 111 (3)	ENGL 150 (3)	ENSH 1XX (1.5)	ENGL 1XX (3)	ENGL 1XXX (3)
English 110	ENGL 1XX (3) W/B-Hum	ENGL 1st (3)	ENGL 112 (3) or ENGL 1st (3)	ATWP 1XX (1.5)	ENGL 100 (3) or ENGL 1XX (3)	ENGL 1XXX (3)
English 121	ENGL 1XX (3) B-Hum	ENGL 1st (3)	ENGL 1st (3)	ATWP 1XX (1.5)	-	ENGL 1XXX (3)
English 131	ENGL 1XX (3) B-Hum	ENGL 1st (3)	ENGL 1st (3)	ATWP 1XX (1.5)	ENGL 1XX (3)	ENGL 1XXX (3)
English 210	ENGL 205 (3) B-Hum	ENGL 220 (3)	ENGL 220 (3)	ENGL 200A (1.5)	ENGL 2XX (3)	ENGL 2316 (3)
English 215	ENGL 115 (3) B-Hum	ENGL 227 (3)	ENGL 231 (3), if student has 6 credits 1st English	ENGL 201 (1.5)	ENGL 205 (3)	ENGL 2XXX (3)
English 220	ENGL 205 (3) B-Hum, or ENGL 206 (3) B-Hum	ENGL 221 (3)	ENGL 221 (3)	-	ENGL 2XX (3)	ENGL 2317 (3)
English 230	ENGL 207 (3) B-Hum	ENGL 2nd (3)	ENGL 122 (3)	ENGL 202 (1.5)	ENGL 2XX (3)	ENGL 2301 (3)

English 231	ENGL 2XX (3)	ENGL 2nd (3)	-	ENGL 2XX (1.5)	-	ENGL 2XXX (3)
English 240	ENGL 207 (3) B-Hum	ENGL 2nd (3)	ENGL 233 (3)	ENGL 203 (1.5)	ENGL 2XX (3)	ENGL 2309 (3)
French 101	FREN XXX (3)	FREN 1st (3)	FREN 102 (3)	FRAN 1XX (1.5), FREN 101 (3) & FREN 102 (3) = UVIC FRAN 100 (3)	INTS 151 (3)	FREN 1100 (3)
French 102	FREN XXX (3)	FREN 1st (3)	FREN 104 (3)	FREN 101 (3) & FREN 102 (3) = UVIC FRAN 100 (3)	INTS 172 (3)	FREN 1101 (3)
Geography 100	GEOG 100 (3) B-Soc	GEOG 122 (3)	GEOG 1st (3)	GEOG 101B (1.5)	GEOG 101 (3)	GEOG 1101 (3)
Geography 104	GEOG 104 (3) B-Sci/Soc	GEOG 202 (3)	GEOG 1st (3), exempt UBCO GEOG 2033 (3)	GEOG 130 (1.5)	GEOG 1XX (3)	GEOG 1XXX (3)
Geography 111	GEOG 111 (3) B-Sci	GEOB 1st (3)	GEOG 1st (3)	GEOG 103 (1.5)	GEOG 102 (3)	GEOG 1102 (4), lab
Geography 200	GEOG 241 (3) B-Soc	GEOG 2nd (3)	GEOG 2nd (3)	GEOG 218 (1.5)	GEOG 206 (3)	GEOG 2XXX (3)
Geography 230	GEOG 2XX (3)	GEOG 211 (3)	GEOG 213 (3)	GEOG 2XX (1.5)	GEOG 2XX (3)	GEOG 2XXX (3)
Geography 255	GEOG 255	GEOS 270 (3)	GISC 380 (3)	GEOG 222 (1.5)	GEOG 204	GEOG 2400 (3)
Health Science 130 (4 credits)	-	ELEV 1st (4)	HES 130 (3) and HES 1st (1)	SOSC 1XX (1.5)	HHSC 101 (3)	HCAP 1121 (1)
History 110	HIST 101 (3) B-Hum	COLU HIST 110 + 120 = UBC HIST 235 (6)	COLU HIST 110 + HIST 120 = UBCO HIST 112 (3) & 122 (3)	HIST 230A (1.5)	HIST 210 (3)	HIST 1113 (3)
History 120	HIST 102 (3) B-Hum			HIST 230B (1.5)	HIST 211 (3)	HIST 1114 (3)
History 202	HIST 130 (3)	HIST 1st (3)	HIST 2nd (3)	HSTR 1XX (1.5)	HIST 2XX (3) Preclude UNBC HIST 191 (3). Waive UNBC HIST 191 (3) for HIST Majors	HIST 2XXX (3)
History 209	HIST 2XX	FNIS 100	HIST 2nd (3)	HSTR 230A (1.5)	HIST 390 (3)	HIST 2XXX (3)
History 211	HIST 224 (3) B- Hum	HIST 1st (3)	HIST 126 (3)	HSTR 2XX (1.5)	-	HIST 2XXX (3)
History 212	HIST 225 B-Hum	HIST 1st (3)	HIST 2nd	HIST 2XX (1.5)	HIST 205 (3)	HIST 2XXX (3)
Latin American Studies 100	IS 209 (3) B-Hum/Soc	LAST 100 (3)	-	LAS 200 (1.5)	HIST 281 (3)	ANTH 1XXX (3)
Mathematics 100	MATH 100 (3)* Q	-	MATH 125 (3)	MATH 120 (1.5)	MATH 115 (3)	MATH 1112 (3)
Mathematics 105	STAT 205 (3) Q or STAT 201 Q or STAT 203 Q	STAT 203 (3)	STAT 121 (3)	STAT 255 (1.5) or STAT 252 (1.5)	STAT 240 (3)	MATH 1115 (3)
Mathematics 110	MATH 100 (3)* Q	ELEV 1st (3), meets BEd Elementary Math requirement	-	MATH 120 (1.5)	MATH 115 (3)	MATH 1112 (3)
Mathematics 111	MATH 157 (3) Q	MATH 104 (3)	MATH 116 (3)	MATH 102 (1.5)	MATH 152 (3)	MATH 1140 (3)
Mathematics 112	MATH 158 (3)* Q	MATH 105(3)	MATH 142 (3)	MATH 1XX (1.5)	MATH 1XX (3)	MATH 1XXX (3)
Mathematics 113	MATH 151 (3) Q	MATH 100 (3)	MATH 100 (3)	MATH 100 (1.5)	COLU Math 113 & 114 = UNBC MATH 100 (3) & Math 101 (3)	MATH 1120 (3)
Mathematics 114	MATH 152 (3) Q	MATH 101 (3)	MATH 101 (3)	MATH 101 (1.5)	COLU Math 113 & 114 = UNBC MATH 100 (3) & Math 101 (3)	MATH 1220 (3)
Mathematics 115	MATH 154 (3) Q	MATH 102 (3)	MATH 1st (3)	MATH 1XX(1.5); COLU Math 115 & 116 = MATH 100(1.5) & 101(1.5)	MATH 1XX (3), waives math UNBC 152 (3) with a C- or better, if Math 101 not required.	MATH 1130 (3)
Mathematics 116	MATH 155 (3) Q	MATH 103 (3)	-	MATH 101(1.5)	MATH 1XX (3)	MATH 1230 (3)
Mathematics 120	MACM 101 (3) Q/B-Sci	CPSC 1st (3) (See CSCI 150 above)	COSC 1st (3)	MATH 122 (1.5)	CPSC 141 (3)	INFO 1214 (3)
Mathematics 206	STAT 270 (3) Q	STAT 2nd (3), exempt from STAT 241 or STAT 251	STAT 230 (3)	MATH 2XX (1.5)	MATH 2XX (3)	MATH 2315 (3)
Mathematics 213	MATH 251 (3) Q	MATH 200 (3)	MATH 200 (3)	MATH 200 (1.5)	MATH 200 (3)	MATH 2321 (3)
Mathematics 214	MATH 252 (3) Q	MATH 2nd (3)	-	MATH 200 (1.5)	MATH 200 (3)	MATH 3322 (3)
Mathematics 215	MATH 2XX (3) COLU MATH 215 & PHYS 210 = SFU	-	MATH 220 (3)	MATH 122 (1.5)	MATH 2XX (3)	MATH 3150 (3)

	PHYS2XX (4), exemption SFU PHYS 321 (0)					
Mathematics 221	MACM 201 (3) Q	CPSC 2nd (3)	-	MATH 222 (1.5)	CPSC 242 (3)	MATH 2XXX(3)
Mathematics 225	MATH 242 (3) Q	MATH 220 (3)	MATH 2nd (3)	MATH 2XX (1.5)	MATH 2XX (3)	MATH 2331 (3)
Mathematics 230	MATH 260 (3) Q	MATH 215 (3)	-	MATH 2XX (1.5)	MATH 230 (3)	MATH 3421 (3)
Mathematics 235	MATH 260 (3) Q	MATH 256 (3)	-	MATH 2XX (1.5) COLU MATH 214 & MATH 235 = UVIC Math 200 (1.5) & MATH 204 (1.5)	-	MATH 3421 (3)
Mathematics 252	MATH 232 (3) Q	MATH 152 (3) or MATH 221 (3)	MATH 221 (3)	MATH 110 (1.5)	MATH 220 (3)	MATH 2232 (3)
Philosophy 101	PHIL 100 (3) B-Hum	COLU PHIL 101 + COLU PHIL 102 = UBC PHIL 100 (6)	COLU PHIL 101 (3) & COLU PHIL 102 (3) = UBCO PHIL 111 (3) & 121 (3)	PHIL 100 level (1.5); COLU PHIL101 + 102=UVIC PHIL100(3)	PHIL 1XX (1.5)	PHIL 1100 (3)
Philosophy 102	PHIL 120 (3) B-Hum			PHIL 100 level (1.5); COLU PHIL 101 + 102 = UVIC PHIL100 (3)	PHIL 1XX (1.5)	PHIL 1110 (3)
Philosophy 113	PHIL 105 (3) Q/B-Soc/Sci	PHIL 120 (3)	PHIL 1st (3)	PHIL 201 (1.5)	PHIL 200 (3)	PHIL 1150 (3)
Philosophy 205	PHIL 203 (3)	PHIL 2nd (3)	PHIL 2nd (3)	PHIL 2XX (1.5)	PHIL 2XX (3)	PHIL 2215 (3)
Philosophy 213	PHIL 2XX (3)	PHIL 220 (3)	PHIL 210 (3)	PHIL 203 (1.5)	PHIL 2XX (3)	PHIL 3150 (3)
Philosophy 260	PHIL 144 (3) B-Hum/Sci	PHIL 260 (3)	PHIL 2nd (3)	PHIL 220 (1.5)	PHIL 2XX (3)	PHIL 2XXX (3)
Physics 100 (4 credits)	PHYS 1XX (4)	PHYS 1st (3) Not for credit in Science	-	SCIE 1XX (1.5)	PHYS 150 (3)	-
Physics 110 (3 credits)	PHYS 120 (3), - Q/B-Sci & SFU PHYS 132 (1) – Q or COLU PHYS 110 (4) & COLU PHYS 130 (4) = SFU PHYS 120 (3) & SFU PHYS 1XX (3), Q/B-Sci & exemptions for SFU PHYS 132 (0) & SFU PHYS 133 (0) or COLU PHYS 110 (4) & COLU PHYS 120 (4) = SFU PHYS 120 (3) & SFU PHYS 121 (3) & SFU PHYS 132 (1) & SFU PHYS 133 (1), Q/B-Sci, Q	PHYS 117 (3) & 119 (1)	PHYS 111 (3)	PHYS 1XX (1.5) COLU PHYS 110 & PHYS 120 & PHYS 130 = UVic PHYS 110 (1.5) & PHYS 111 (1.5) & PHYS 1XX (1.5) T	PHYS 110 (4)	PHYS 1120 (4)
Physics 118 (4 credits)	-	PHYS 170 (3)	-	ENGR 141 (1.5)	PHYS 1XX (3)	PHYS 1170 (3)
Physics 120 (4 credits)	PHYS 121 (3) Q/B-Sci &PHYS 133 (1) Q, or PHYS 141 (4) Q/B-Sci	PHYS 118 (3) & 119 (1)	PHYS 121 (3)	(see PHYS 110 above)	PHYS 111 (4)	PHYS 1220 (4)
Physics 110 & Physics 120 (8 credits)	PHYS 120 (3) Q/B-Sci & PHYS 121 (3) Q/B-Sci & PHYS 132 (1) Q & 133 (1) Q	PHYS 117 (3) & PHYS 118 (3) & PHYS 119 (1)	PHYS 111 (3) & PHYS 121 (3)	PHYS 100 level (3.0)	PHYS 110 (4) & PHYS 111 (4)	PHYS 1120 (4) & PHYS 1220 (4)
Physics 130 (4 credits)	PHYS 1XX (4).	PHYS 157 (3)	PHYS 1st (3)	(see below PHYS 110 and PHYS 130)	PHYS 111 (4)	PHYS 11XX (4)
Physics 110 & Physics 130 (8 credits)	PHYS 120 (3) Q/B-Sci, 1XX (3), 132 (0) exemption & 133 (0) exemption	PHYS 117 (3) , 119 (1) & 157 (3)	PHYS 111 (3) & PHYS 1st (3)	PHYS 110 (1.5) & 111 (1.5)	PHYS 110 (4) & PHYS 111 (4	PHYS 1120 (4) & PHYS 11XX (4)
Physics 200 (4 credits)	PHYS 2XX (3)	PHYS 200 (4) or PHYS 250(4) for Appl.Sc. students	PHYS 200 (3)	PHYS 215 (1.5)	PHYS 205 (3)	PHYS 2010 (3)
Physics 205 (4 credits)	PHYS 2XX (4) & PHYS 344 (0) Exempt	PHYS 203 (4)	PHYS 215 (3)	PHYS 2XX (1.5)	PHYS 200 (3)	PHYS 2040 (3)

Physics 210	PHYS 2XX (4) (see above Math 215)	PHYS 301 (3)	PHYS 225 (3)	-	PHYS 202 (4)	PHYS 2420 (3)
Political Science 100	POL 100 (3) B-Soc	POLI 100 (3)	POLI 100 (3)	POLI 1XX (1.5)	POLS 100 (3)	POLI 1125 (3)
Political Science 101	POL 221 (3) B-Soc	POLI 101 (3)	POLI 202 (3)	POLI 201 (1.5)	POLS 200 (3)	POLI 1120 (3)
Political Science 202	POL 231 (3) B-Soc	POLI 220 (3)	POLI 220 (3)	POLI 210 (1.5)	POLS 1XX (3)	POLI 1145 (3)
Political Science 210	POL 2XX (3) B-Soc	POLI 260 (3)	POLI 222 (3)	POLI 240 (1.5)	POLS 2XX (3)	POLI 1150 (3)
Political Science 220	POL 2XX (3)	POLI 110 (3)	POLI 2nd (3)	POLI 321 (1.5)	POLS 2XX (3)	SOCI 2260 (3)
Political Science 240	POL 210 (3) B-Hum/Soc	POLI 240 (3)	POLI 240 (3)	POLI 202 (1.5)	POLS 2XX (3)	POLI 2200 (3)
Political Science 251	POL 251 (3)	POLI 2nd (3)	POLI 2nd (3)	ADMN 2XX (1.5)	POLS 2XX (3)	POLI 2XXX (3)
Political Science 252	POL 252 (3) B-Soc	POLI 2nd (3)	POLI 2nd (3)	POLI 2XX (1.5)	POLS 2XX (3)	POLI 1123 (3)
Political Science 253	POL 253 (3) B-Soc	POLI 2nd (3)	POLI 2nd (3)	POLI 2XX (1.5)	POLS 2XX (3)	POLI 2XXX (3)
Political Science 260	POL 2XX (3)	POLI 2nd (3)	POLI 2nd (3)	POLI 217 (1.5)	POLS 2XX (3)	POLI 2XXX (3)
Political Science 275	REM 2XX (3)	POLI 2nd (3)	POLI 2nd (3)	POLI 2XX (1.5)	ENVS 230 (3)	POLI 2100 (3)
Psychology 110	PSYC 100 (3) B-Soc	PSYC 1st (3). COLU PSYC 110 + COLU PSYC 120 = UBC PSYC 100 (6)	PSYO 111 (3) COLU PSYC 110 (3) & COLU PSYC 120 (3) = UBCO PSYO 111 (3) & UBCO PSYO 121 (3)	PSYC 100A (1.5)	PSYC 101 (3)	PSYC 1100 (3)
Psychology 120	PSYC 102 (3) B-Soc	COLU PSYC 110 + COLU PSYC 120 = UBC PSYC 100 (6)	PSYO 121 (3) COLU PSYC 110 (3) & COLU PSYC 120 (3) = UBCO PSYO 111 (3) & UBCO PSYO 121 (3)	PSYC 100B (1.5)	PSYC 1XX (3)	PSYC 1200 (3)
Psychology 210	PSYC 250 (3)	PSYC 2nd (3) COLU PSYC 110 & COLU PSYC 120 must be taken as prerequisites.	PSYO 2d (3)	PSYC 243 (1.5)	PSYC 2XX (3)	PSYC 2320 (3)
Psychology 217	PSYC 201 (3) Q	PSYC 217 (3)	PSYO 270 (3)	PSYC 201 (1.5)	PSYC 215 (3)	PSYC 2400 (3)
Psychology 218	PSYC 210 (3) Q	PSYC 218 (3)	PSYO 270 (3)	PSYC 300A (1.5)	PSYC 315 (4)	PSYC 2300 (3)
Psychology 220	PSYC 241 (3)	PSYC 2nd (3)	PSYO 2nd (3)	PSYC 260 (1.5)	PSYC 2XX (3)	PSYC 2350 (3)
Psychology 240	PSYC 260 (3)	PSYC 2nd (3)	PSYO 252 (3)	PSYC 231 (1.5)	PSYC 207 (3)	PSYC 2330 (3)
Psychology 270	PSYC 2XX (3) & PSYC 370 (0) Exemption	PSYC 2nd (3)	PSYO 241 (3)	PSYC 2XX (1.5)	PSYC 306 (3)	PSYC 2370 (3)
Psychology 281	PSYC 280 (3) B-Sci	PSYC 2nd (3)	PSYO 230 (3)	PSYC 2XX (1.5)	PSYC 200 (3)	PSYC 2315 (3)
Psychology 299	GE 1XX (3)	PSYC 2nd (3)	PSYO 2nd (3)	PSYC 2XX (1.5)	PSYC 2XX (3)	PSYC 2XXX (3)
Sociology 110	SA 150 (3) B-Soc (see below Sociology 110 & 120)	SOCI 1st (3)	COLU SOCI 110 & SOCI 120 = UBCO SOCI 111 & SOCI 121	SOCI 100A (1.5)	SOSC 2XX (3)	SOCI 1125 (3)
Sociology 120	SA 150 (3) B-Soc (see below Sociology 110 & 120)	SOCI 1st (3)	COLU SOCI 110 & SOCI 120 = UBCO SOCI 111 & SOCI 121	SOCI 100B (1.5)	SOSC 2XX (3)	SOCI 2235 (3)
Sociology 110 & 120 (6 credits)	SA 150 (3) B-Soc COLU SOCI 110 & SOCI 120 = SFU SA 150 (3) and SA 1XX (3)	SOCI 1st (6)	COLU SOCI 110 (3) & COLU SOCI 120 (3) = UBCO SOCI 111 (3) & UBCO SOCI 121 (3)	SOCI 100A (1.5) & SOCI 100B (1.5)	SOSC 2XX (3)	SOCI 1125 (3) & SOCI 2235 (3)
Sociology 230	LBST 2XX (3)	SOCI 2nd (3)	SOCI 226 (3)	SOCI 2XX (1.5)	SOSC 2XX (3)	SOCI 3300 (3)
Sociology 250	SA 203 (3)	SOCI 201 (3)	-	SOCI 2XX (1.5)	SOSC 2XX (3)	SOCI 2230 (3)
Spanish 101	SPAN 100 (3)	SPAN 101 (3)	SPAN 101 (3)	SPAN 100A (1.5)	INTS 181 (3)	SPAN 1100 (3)

***see additional transfer notes,** http://www.bctransferguide.ca/

NOTE: SFU Writing, Quantitative & Breadth (WQB) requirements

A course that meets SFU's Writing (W) requirement will have a **W** after the transfer credit
A course that meets SFU's Quantitative (Q) requirement will have a **Q** after the transfer credit
A course that meets SFU's Breadth (B) requirement will have a **B** and a subject area after the transfer

FEES

The following fee schedule is effective for the school semesters September 1, 2023 to August 31, 2024:

Note: Cash is not accepted for tuition and homestay fees.

Courses, per tuition credit	$585.00

Tuition Fees, **Academic Programs (including Academic Programs with English preparation)** [1, 2, 3, 4]

Application Fee (non-refundable) All Programs (includes English and Math Testing Fee)	$200.00
Tuition Deposit for New International Students applying from Overseas This amount consists of tuition fees for two (12 credit) semesters ($7020.00 x 2=$14,040.00)[3] and two semesters' Activity Fees (2 x $35/semester=$70.00) plus Medical Insurance coverage for one semester ($190). This amount ($14,040.00 is non-refundable and non-transferable, and is subject to the Refund Policy below.	$14,300.00
Tuition Deposit for New Local Transfer students, This amount consists of tuition fees for one (12 credit) semester ($7,020) plus Activity Fee ($35). The deposit is required for students who hold a valid study permit, Permanent Residents and Canadian citizens and readmitted students. Readmitted students must see an Admissions officer as they have been away from the college for some time (either because they were required to withdraw for academic reasons or took more than one semester away of their own volition). Once paid, students are deemed to have registered and the amount is subject to the Refund Policy below.	$7,055.00
Continuing Student Commitment Fee: Continuing students requesting visa extension or re-entry letters (or a similar letter) from Columbia College may also be required to pay a Commitment Fee of $1,755.00 (3 credits *$585.00/credit) to be applied as a non-refundable tuition credit to the next semester.	$1,755.00
Students who are completing their Associate Degree and are requesting an extension of their study permit to the end of the current semester only, are not required to pay the Commitment fee. The study permit extension letter must give an estimated completion date as the last day of the current semester, as determined by a counsellor.	$0
Medical Insurance https://www.columbiacollege.ca/new-students/medical-insurance/ All Columbia College students without MSP (BC Medical Services Plan) effective to the last day of the last month of their first semester at Columbia College, will be automatically enrolled in the College's Student Insurance Plan provided by Guard.me at a cost of $190. Students who receive MSP after they register can apply to Guard.me for a prorated refund (specific terms apply). All students without MSP are encouraged to apply to MSP as soon as possible as Guard.me is designed to cover your urgent medical care needs until your MSP becomes active. The cost of MSP for international students is $75 per month ($900 per year).	$190.00
Tuition Fee Deferral Charge International students (who arrived at the College from overseas) registered in academic programs who have been attending the College for a minimum of one semester may, in very unusual circumstances, request that fees for the second semester be deferred by 4 months to a subsequent semester. Such requests must be made in writing and are granted at the discretion of the College. If granted the deferral fee will apply.	$200.00
Note: It is Columbia College policy that tuition fees be paid in full at time of registration.	

[1] New students arriving from overseas are accepted as full-time students for a minimum of two semesters and are normally expected to register in a total of 24 credits (or equivalent) in this period. The minimum is 9 credits per semester. The tuition fee deposit of $14,040 ($585/credit*24 credits) and Activity Fee deposit for 2 semesters of $70 ($35/semester) plus the Medical Insurance fee for one semester ($190) is equal to a deposit of $14,300 and is payable before the student registers for the first semester. $14,300 is not refundable and non-transferable. Students who register in more than 24 credits over their first two semesters should expect to pay more than $14,300 and the additional fees will be assessed at $585 per additional credit.
[2] The tuition fee for 12 credits (usually 4 university courses or 3 secondary courses) plus the activity fee of $35 is $7,055.00 per semester. Students who choose to take 5 university courses (3 credits each or 15 credits total) or High School students taking four courses (16 credits) will be assessed an additional tuition fee as outlined above.
[3] A full-time student in the University Transfer program normally takes 9-15 credits (or equivalent) per semester. A full-time student in a High School Program usually takes 12 credits (3 courses) but may be allowed to register in 16 credits (4 courses).
[4] For students taking a combined program, or taking non-credit English courses, tuition fees will be assessed according to the "Tuition Fees for Courses" schedule below.

Tuition Fees for Courses[4]

Credit courses	
Courses/Credit ($585/credit)	$585.00
University course (3 credits)	$1,755.00
University course (4 credits) and Math 110	$2,340.00
Secondary (High School) course (4 credits)	$2,340.00
Non-credit: EAP Courses (total tuition varies dependent upon academic course option(s); all courses $585.00/credit	
A number of generous Tuition Bursaries for the University Transfer Program are available for academically able Canadians/Permanent Residents who possess strong English and effective communications skills.	
Sibling discounts Are available to students who have brothers or sisters studying at the College, or who have studied at the College in the past. Qualifying students should consult an Admissions Officer for details. Sibling discounts are available to the sibling for the first 24 credits only and are based on 10% of the tuition credit amount or $58.50 per credit.	

Other Tuition Fees

Laboratory Fee (university-level computer science courses)	$ 50.00
Laboratory Fee - Psychology 299	$ 50.00
Dual Credit Registration fee per Credit:	$ 585.00
This fee is added to the cost of the University-level course. Thus, a student registering in a university course (3 credits) and also receiving credit for one Secondary course. The student will pay for 4 credits * $585, or $2,340.00 total.	

Late Fees

Late Fee	$ 50.00
This fee will be assessed as a one- time late fee if a student registers during the first week of classes. This fee will also be assessed on any outstanding tuition fees after the first week of classes.	

Other Fees

Activity Fee	
All students will pay a non-refundable Activity Fee each semester at the time of registration.	$ 35.00
Graduation Fee	
Annual Ceremony	$ 60.00
Appeals Fee	
Grade and Plagiarism appeal fees refunded if appeal is successful.	$ 50.00
NSF Cheque Fee	
Late fees will be applicable up to the time the NSF cheque is replaced.	$ 30.00
Testing Fee for English and Math (usually included in Application Fee)	
Testing Fee for Rewriting LWA or MPT	$ 50.00
	$ 50.00
Transcript Fee (Unofficial, includes regular mailing)	
- One free transcript upon completion of an Associate Degree	
- Normal service (2 business days)	$ 0.00
- Rush service (2 hours)	$ 5.00
Transcript Fee (Official, includes regular mailing)	$ 20.00
a) Normal service (2 business days)	
b) Rush service (2 hours): This fee will also apply to any rush letters that are requested. An additional fee will be charged if Courier service is requested.	$ 10.00 $ 30.00

Homestay, Custodianship and Airport Reception Fees

Columbia College administers its own Homestay service and monthly fees include three meals a day. Students can experience living with a Canadian family during their studies at Columbia College.

Homestay (19 years of age and older): For students over 19 without a custodian, fees must be paid directly to the homestay family. Fees are not paid through the College.	
Room & 3 Meals/Day:	
Due Upon Application:	
2 Months Homestay Fee	$2,400.00
Placement Fee (one time, non-refundable)	$375.00
Airport Pick-Up Fee	$100.00
Homestay Deposit Total	**$2,875.00**
Monthly Homestay Fee	$ 1,200.00
Monthly Special Meals Fee (vegetarian)	$100.00
Monthly Special Meals Fee (halal, gluten free, lactose free, vegan, kosher)	$ 200.00
Nightly Fee (Available to new students for additional days at start or end of arranged homestay period).	$50.00
Room & Dinner Only:	
Due Upon Application:	
2 Months Homestay Fee	$2,000.00
Placement Fee (one time, non-refundable)	$375.00
Airport Pick-Up Fee	$100.00
Homestay Deposit Total	**$2,475.00**
Monthly Homestay Fee	$ 1,000.00
Monthly Special Meals (vegetarian)	$100.00
Monthly Special Meals Fee (halal, gluten free, lactose free, vegan, kosher)	$200.00
Nightly Fee (Available to new students for additional days at start or end of arranged homestay period).	$50.00

Room & No Meals:	
Due Upon Application:	
2 Months Homestay Fee	$1,800.00
Placement Fee (one time, non-refundable)	$375.00
Airport Pick-Up Fee	$100.00
Homestay Deposit Total	**$2,275.00**
Monthly Homestay Fee	$ 900.00
Nightly Fee (Available to new students for additional days at start or end of arranged homestay period).	$50.00
Homestay & Custodian Fees (Under 19 years of age): Custodianship students are expected to pay homestay fees for one full semester, and the college will then administer fees to the host family every month on their behalf. An invoice requesting homestay fees for the next semester will be sent to the student/agent approximately 6 weeks prior to that semester starting. **It is mandatory for any student under 19 years old pursuing a high school program in British Columbia to have a custodian before registering in classes. This is a Ministry of Education requirement and therefore must be adhered to. Please note that this is NOT a study permit requirement as Canada has different ages of majority provincially; this is a requirement of the Ministry of Education as per Government of British Columbia.**	
Room & 3 Meals/Day:	
Due Upon Application:	
5 Months Homestay Fee	$6,500.00
Placement Fee (one time, non-refundable)	$375.00
Custodian Set Up Fee (one time)	$325.00
Monitoring Fee (per semester)	$ 50.00
Airport Pick-Up Fee	$100.00
Homestay Deposit Total	**$7, 350.00**
Monthly Homestay Fee	$ 1,300.00
Monthly Special Meals (vegetarian)	$100.00
Monthly Special Meals Fee (halal, gluten free, lactose free, vegan, kosher)	$200.00
Nightly Fee (Available to new students for additional days at start or end of arranged homestay period).	$50.00
Room & Dinner Only:	
Due Upon Application:	
5 Months Homestay Fee	$5,500.00
Placement Fee (one time, non-refundable)	$375.00
Custodian Set Up Fee (one time)	$325.00
Monitoring Fee (per semester)	$ 50.00
Airport Pick-Up Fee	$100.00
Homestay Deposit Total	**$6, 350.00**
Monthly Homestay Fee	$ 1,100.00
Monthly Special Meals (vegetarian)	$ 100.00
Monthly Special Meals Fee (halal, gluten free, lactose free, vegan, kosher)	$ 200.00
Nightly Fee (Available to new students for additional days at start or end of arranged homestay period).	$50.00
Room Only & No Meals:	
Due Upon Application:	
5 Months Homestay Fee	$5,000.00
Placement Fee (one time, non-refundable)	$375.00

Custodian Set Up Fee (one time)	$325.00
Monitoring Fee (per semester)	$ 50.00
Airport Pick-Up Fee	$100.00
Homestay Deposit Total	**$5,850.00**
Monthly Homestay Fee	$ 1,000.00
Nightly Fee (Available to new students for additional days at start or end of arranged homestay period).	$50.00

For students over 19 without a custodian, fees must be paid directly to the homestay family; fees are not paid through the College.

The College will not act on behalf of a student in other personal financial matters.
****It is mandatory for any student under 19 years old pursuing a high school program in British Columbia to have a custodian before registering in classes. This is a Ministry of Education requirement and therefore must be adhered to. Please note that this is NOT a study permit requirement as Canada has different ages of majority provincially; this is a requirement of the Ministry of Education as per Government of British Columbia. ****

IMPORTANT FEE POLICIES:
Payment of Tuition Fees
It is Columbia College policy that tuition fees be paid in full prior to registration in courses.

Fee Increase Policy
All students are required to pay tuition fees in effect for the semester of registration. Early payment of fees does not exempt a student from future fee increases.

Protection of Pre-paid Tuition Fees
Bonding arrangements are in place to protect students (in academic programs) who pay tuition fees in advance to Columbia College. The College posts bonds with the Ministry of Education (for students in the Secondary program) and with the Ministry of Post Secondary Education and Future Skills of B.C. (for students in the Associate Degree/University Transfer Programs) as security for fees paid in advance to the College.

Fee Deferral Policy
As noted above, new students arriving from overseas are required to pay a two-semester tuition deposit, and are normally expected to use this entire amount in the two semesters immediately following their arrival in Canada. Part of the deposit may be moved to a third consecutive semester but students should note that they are expected to maintain full-time status at the College, and this means registering in a minimum of 9 credits each semester. Students are not usually allowed to move part of their tuition deposit to a fourth or fifth semester, but on the rare occasions where such permission is granted a deferral fee of $200.00 will be charged.

Tuition Deposits and students who are denied permission to register
The Tuition Deposit (equivalent to the cost of 24 credits) referred to above is NON-REFUNDABLE and NON-TRANSFERABLE. Students who are placed on academic probation for two semesters in a row may be denied permission to register for another semester. Such students may decide to leave that part of the Tuition Deposit that is unused on the student's account; once the student has returned to Columbia College with improved grades (minimum C average on at least three academic courses) the unused Deposit can be applied toward their tuition fees. Alternatively, a student who has been denied permission to register because he is on double probation may ask for a refund of his tuition balance and 75% of the balance will be refunded.

After 24 months any unused Tuition Deposit will be treated as unclaimed funds if the student does not register.

Payment of Fees
Columbia College has partnered with Flywire by peerTransfer to streamline the payment process. Flywire allows secure payment from any country, and any bank, generally in the local currency, excluding sanctioned countries. Students from sanctioned countries must contact accounting@columbiacollege.ca in order to pay. By making a payment with Flywire it is possible to track payments from start to finish, save on bank fees and exchange rates, and connect with a multilingual customer support team with questions, day or night. Cash is not accepted for Tuition and Homestay Deposits or Fees.

Cash is only accepted for incidental fees up to $200, such as gym passes, transcripts, student activity sign-up, and lab fees (for students registered in the class when the initial deposit does not cover the cost).

Go to:
http://www.columbiacollege.ca/admissions/cost-of-study/payment-method for more information or
https://www.flywire.com/pay/columbiacollege to make a payment.

REFUND POLICIES

The table below contains a summary of Columbia College's refund policies.

REFUND POLICY/TIMING OF REQUEST	**NEW INTERNATIONAL STUDENTS:**	**NEW LOCAL TRANSFER STUDENTS** **If student has paid more than the required $7,055**	**CONTINUING STUDENTS**
Category 1. Before Registration	100% Refund of Tuition Deposit less $200 for: Students who have been denied a Study Permit by the Canadian authorities will receive a refund of their tuition deposit less a penalty of $200 so long as the College is informed in writing before the start of classes in the semester for which the student was accepted, and documentation is received i.e. the original letter from Immigration, Refugees and Citizenship Canada (IRCC) denying the request for a Study Permit is provided. Students who decide not to attend Columbia College for reasons other than denial of a Study Permit will receive a refund of their tuition deposit less a penalty of $200, as long as the College is informed in writing before the start of classes in the semester for which the student was accepted and as long as the student has not already entered Canada using Columbia College's Letter of Acceptance to gain entry to Canada. Note: that in such cases IRCC will be informed that the letter of acceptance issued by Columbia College is null and void.	Amounts over and above this will be refunded in full less $200. 100% Refund of Tuition Deposit less $200 if student is unable to attend classes because Study Permit is denied.	100% Refund of Tuition Fees less $200.

REFUND POLICY/TIMING OF REQUEST	NEW INTERNATIONAL STUDENTS:	NEW LOCAL TRANSFER STUDENTS	CONTINUING STUDENTS
Category 2. After Registration but Before First Day of Semester.	No refund or deferral of the Tuition Deposit.	Full Refund of Tuition Fees less 25% penalty of fees due.	Full Refund of Tuition Fees less 25% penalty of fees due.

REFUND POLICY/TIMING OF REQUEST	NEW INTERNATIONAL STUDENTS:	NEW LOCAL TRANSFER STUDENTS	CONTINUING STUDENTS
Category 3. In First Week of Semester	No refund or deferral of the Tuition Deposit.	Full Refund of Tuition Fees less 50% penalty of fees due.	Full Refund of Tuition Fees less 50% penalty of fees due.

REFUND POLICY/TIMING OF REQUEST	NEW INTERNATIONAL STUDENTS:	NEW LOCAL TRANSFER STUDENTS	CONTINUING STUDENTS
Category 4. After First Week of Semester	No refund or deferral of the Tuition Deposit.	No Refund of Tuition Fees. **Note:** For a Study Permit extension letter, the Registration Commitment Fee paid will be 100% refunded if a student completes their Associate Degree in the current semester.	No Refund of Tuition Fees. **Note:** For a Study Permit extension letter, the Registration Commitment Fee paid will be 100% refunded if a student completes their Associate Degree in the current semester.

REFUND POLICY/TIMING OF REQUEST	NEW INTERNATIONAL STUDENTS:	NEW LOCAL TRANSFER STUDENTS	CONTINUING STUDENTS
Category 5: Continuing Students Transferring to a Public University:			The existing Refund Policy applies in this situation unless a student satisfies all five (5) of the following criteria are met: 1. A student is accepted into a “Public University” (see definition), 2. has completed more than 24 credits at Columbia College, 3. has received a Letter of Acceptance from a “Public University” while registered in the current semester, 4. wishes to transfer to the “Public University” in the current semester, and 5. Presents the Letter of Acceptance and Refund Request in the first week of Columbia College classes.

REFUND POLICY/TIMING OF REQUEST	NEW INTERNATIONAL STUDENTS:	NEW LOCAL TRANSFER STUDENTS	CONTINUING STUDENTS
Category 6: Students placed on Academic Probation for two consecutive			Students who are denied permission to register may claim a refund of pre-paid tuition fees. If the money in their account is part

semesters (i.e. are on "double probation")			of the initial two semester (24 credit) deposit then they may claim a 75% refund of the amount. Alternatively, they may elect to leave the money - 100% - in their account to use when they return to the College after demonstrating improved academic performance. If the money in their account is not part of the initial (24 credit) deposit then a 100% refund may be claimed.

Indebtedness to the College
Any fees paid are applied firstly to the removal of any existing indebtedness to the College. No official transcripts, certificates, diplomas or Associate Degrees are issued to a student in debt to the College, nor is the student permitted to write final examinations or to re-register until all debt is cleared.

Unclaimed Funds
Monies paid to the College as a deposit, or refunds owed due to, for example, an overpayment or withdrawal from courses, must be claimed from the College in a timely fashion. The College will make reasonable efforts to contact the student. However, upon receiving no response, such monies will revert to the College 24 months after the student has left or withdrawn from the College.

ADMINISTRATION, FACULTY AND STAFF

ADMINISTRATION

Principal	Wadsworth, M., A.A. (Capilano), B.A. (Simon Fraser), M.P.A. (Regina)
Vice Principal Operations	Black, R., B.A. (Leeds), M.Ed. (Simon Fraser)
Vice Principal Academic	Warren, J., B.A., M.A. (Trinity Western University), Ph.D. (Royal Holloway)
Director of Finance	Ford, L., B.Com. (Thompson Rivers), C.P.A., C.G.A.
Director of IT Systems	
Director of Human Resources	Guiblejman, D., B.A. (Buenos Aires), M.H.R.M. (Salvador/SUNY), C.P.H.R.
Director of Recruitment, Admissions, & Marketing	Gunardi, T., B.A. (Simon Fraser), M.A. (Trinity Western)
Director of Student Services	Zima, A., B.G.S. (Simon Fraser), M.Ed. (Simon Fraser)
Executive Director	Friesen, M., B.A. (Northern British Columbia), M.A. (Simon Fraser)
Head of High School	Dawson, P., B.Asc. (Guelph), B.Ed. (Western Ontario), M.Ed. (Windsor), Ed.D. (Ontario Institute of Studies)

FACULTY

English

Alm, K.H., B.Sc. (Saskatchewan), M.A. (Trinity Western), Ph.D. (Victoria)
Barnes, S., B.Sc. (Alberta), M.A. (British Columbia)
Becker, A., B.A., B.Ed. (Nipissing), M.A. (British Columbia)
Cabrita, Z., B.A., B.F.A., M.A. (British Columbia)
Cacciatore Iwato, T., B.B.A., B.Ed. (Lakehead)
Cansin, D., B.A. (Macalester College), M.A. (British Columbia)
Clarke, D.K., B.Sc., M.A. (British Columbia)
Garcia Scott, A., B.A. (Northern British Columbia), M.A. (Simon Fraser)
Hajbabaee, A., B.A. (Iran), M.A. (Windsor)
Hunter, D., B.A. (ALberta)., M.A. (Victoria), Ph.D. (British Columbia)
Inman, M., B.A.Sc. (McMaster), M.A. (British Columbia)
Lavery, A., B.A., B.Ed. (Toronto), M.A. (British Columbia)
Lyons, G., B.A. (Malaspina), M.A., Ph.D. (Simon Fraser)
MacRae, S., B.F.A.(British Columbia), M.A.(City College, NY)
Maher, N., B.A. (British Columbia), M.A. (Sussex)
Mello, C., B.A., M.A. (VERJ), Ph.D. (VERJ/Winnipeg)
Mercer, L.E., B.A. (British Columbia), M.A. (University College Dublin)
Parker, L., B.A., M.A., Ph.D. (Alberta)
Roberts, D., B.A., P.D.P., M.A. (Simon Fraser)
Renaud, T., B.A., M.A. (Simon Fraser), B.Ed. (British Columbia)
Rowell, J.W., B.A. (Kwantlen Polytechnic), M.A. (Simon Fraser)

Social Sciences

Avdan, A., B.A. (Yildiz Technical), M.A. (Bogazici), Ph.D. (Simon Fraser)	Sociology
Blanding, L., B.A. (Mount Allison), M.A. (Ottawa), Ph.D. (Victoria)	History
Bowe, M., B.A. (Simon Fraser), M.A. (Victoria), Ph.D. (Cambridge)	History
Boychuk, J., B.A., M.A. (BcGill), Ph.D. (British Columbia)	Art
Bryja, M., B.A. (Toronto), M.A. (York), Ph.D. (Rhodes, South Africa)	Geography
Chapelas, K., M.A. (Victoria), B.A., Ph.D. (British Columbia)	Political Science
Chehab, K., B.Comm. (Miami), M.A. (McGill), Ph.D. (British Columbia)	Art
Cheng, L. B.A. (Peking), M.Ed. (British Columbia), Ph.D.(Peking)	Asian Studies
Collins, C.R., B.A., M.A., Ph.D. (British Columbia)	Asian Studies
Currie, H. H., B.A., M.A. (Simon Fraser), Ph.D. (Wales)	Criminology
Deseau, S., M.Econ. (Maine, France), M.Sc. (Quebec)	Economics
Dhariwal, P., B.A. (Kwantlen), M.A. (British Columbia)	Asian Studies
Dur-e-Aden, B.A., M.A. (British Columbia)	Political Science
Ehresman, C., B.A. (Saskatchewan), M.Sc. (Lethbridge)	Psychology
Ezgi, D., B.A. (California), Ph.D. (New York)	Political Science

Fu, C.L. B.A. (Beijing), M.A., Ph.D. (Simon Fraser)	Economics
Geddes, P., B.A. (Claremont), M.A. (Carleton)	Economics
Gungen, A. R. B.Sc., M.Sc., Ph.D. (Middle East), Post Doc. (Queen's)	Political Science
Hamson, D., B.Sc., M.A., Ph.D. (Simon Fraser)	Psychology
Hebert, J., B.A. (British Columbia), M.A., Ph.D. (Simon Fraser)	Communication
Hodson, V., B.A., M.A. (Simon Fraser)	Geography
Huitson, N. B.Sc. (Lakehead), M.A., Ph.D. (Simon Fraser)	Criminology
Hunt, B., B.Sc. (Guelph), M.Sc. (Simon Fraser)	Geography
Jallad, F., B.A., B.Sc., (Portland, USA), M.Sc., (New Mexico), M.Sc., (Arizona),	Business, Economics
Jeffreys, C., B.A. Hons., P.G.C.E. (Lancaster)	Geography
Kreger, W., B.A. (Saskatchewan), M.A., Ph.D. (British Columbia)	Asian Studies
Krobath, H. B.A. (Simon Fraser), M.A. (Concordia)	Communications
Langford, S., B.A. (Simon Fraser), M.A. (Concordia)	Communications
Lee, H. Y. B.A., M.A., P.Hd. (Hong Kong)	Geography
Leung, S., B.B.A., M.A., (Simon Fraser)	Economics
Leung, T., B.B.A. (Hong Kong), M.B.A. (Hull), C.P.A., C.G.A., F.C.A.	Accounting
Logie, A. B.A., M.A. (Western)	Communications
Mangel, G., B.A. Hons. (McGill), M.A., (Simon Fraser)	Psychology
McGrandle, J., B.A. (McGill), M.A. (Ottawa), Ph.D. (Concordia)	Political Science
McKay, K. B.A., M.A. (Victoria)	History
Moosa, L. B.A., M.A., Ph.D (Mumbai)	Communications
Metcalf, M., B.A., B.Ed., M.A. (Alberta)	Anthropology, History
Munawar, S., B.A. (Toronto), M.A., Ph.D. (British Columbia)	Political Science
Nabavi, B.N., B.A. (Alzahra), M.A. (Bangalore), Ph.D. (Victoria)	Communications
Ouellette, J., B.A. (Toronto), M.A. (British Columbia)	Political Science
Poole, L.D., B.A. (Simon Fraser), M.A. (Victoria), Ph.D. (Simon Fraser)	Sociology
Poon, J., B.A. (New York), M.A., Ph.D. (British Columbia)	Art
Pop, C., B.A., M.A. (British Columbia), Ph.D. (Leiden)	Anthropology
Reed, S. B.A., M.A., Ph.D. (British Columbia)	Political Science
Son, J. B.B.A. (Korea), M.A. (Korea), Ph.D. (Japan)	Asian Studies
Stroppa, S., B.A. (Simon Fraser), M.Sc.	Criminology
Turan, P., B.A. (Galatasaray), M.A. (Galatasaray)	Communications
Thornton, K., B.F.A.(Lethbridge), M.A.(Queen's)	Art
Tzankova, V., B.A. (Istanbul), M.A.	Communication
Van der Est, L., B.A. (Victoria), M.A. (British Columbia)	Anthropology
Vranic, I., B.A. (British Columbia), M.A. (British Columbia), Ph.D. (British Columbia)	History
Wadsworth, M., A.A. (Capilano), B.A. (Simon Fraser), M.P.A. (Regina)	Political Science
Wereha, T., B.A., M.A., Ph.D. (Manitoba)	Psychology
Xing G., M.A. (Regina), Ph.D. (Simon Fraser)	Communication

Math/Computer Science

Arian, A., B.Sc., M.Sc. (Sharif), Ph.D. (British Columbia)	Mathematics
Ardal, H., B.Sc.(Bogazici), Ph.D.(Simon Fraser)	Mathematics
Chan, K., B.Sc., (Simon Fraser), M.S.E.E., (Wayne)	Computer Science
Cheng, W., B.Eng. (Shanghai), M.Sc. (California State)	Computer Science
Culibrk, A., B.Sc., M.Sc. (Belgrade), M.Sc.(British Columbia)	Mathematics
Davoodi, A. B.Sc., M.Sc. (Amir Kabir), M.Sc. (Simon Fraser), M.Sc. (British Columbia)	Computer Science
Dong, R., B.Sc. (Simon Fraser), M.Sc. (Regina)	Mathematics
Ensan, A. M.Sc. (New Brunswick), Ph.D. (Simon Fraser)	Computer Science
Ganguli, H., B.Sc., M.Sc. (Chennai), Ph.D. (Simon Fraser)	Mathematics
Gu, Jetic., B.Sc., M.Sc., Ph.D. (Simon Fraser)	Computer Science
Khalil, N., B.Sc. (British Columbia), M.Sc., Ph.D. (Dalhousie)	Mathematics
Law, A. B.Sc. (Acadia), M.Sc. (Dalhousie), Ph.D. (Simon Fraser)	Computer Science
Moshksar, K., B.Sc.(Shiraz), M.Sc., Ph.D. (Waterloo)	Mathematics
Pirrie, W., B.Sc. (Washington)	Mathematics
Yang, Y., B.Sc. (Hunan), Ph.D. (Paris)	Computer Science

Science & Philosophy

Adlparvar, B., B.Sc. (Ottawa), M.Sc. (IVIC)	Chemistry
Agak, J., B.Sc. (Kenyatta), M.Sc. (British Columbia)	Chemistry

Bains, O., B.Sc., M.E.T. (Simon Fraser), Ph.D. (British Columbia)	Biology
Cavicchioli Azevedo, V. B.Sc., MSc.	Biology
Chua, M. B.Sc., Ph.D. (Simon Fraser)	Biology
Coleman, K. B.Sc., M.Sc., Ph.D.	Philosophy
De Witt, J., B.Sc (McGill), M.Sc. (British Columbia)	Chemistry
Doheny, G., B.Sc., M.Sc., Ph.D. (British Columbia)	Biology
Giesbrecht, H., B.Sc. (Mauritius), Ph.D. (Simon Fraser)	Chemistry
Goomeshi Nobary, S., M.Sc. (Alberta), M.Sc. (Victoria)	Biology
Halabi, S.,B.Sc. (Toronto), M.A. (York)	Philosophy
Irwin, K., B.Sc., B.Ed., M.Sc, (British Columbia)	Chemistry
Jovovic, V. B.Sc. (Belgrade), M.Sc. (Kragujevac), Ph.D. (Novi Sad)	Physics
Kumari, M., Ph.D. (Alberta)	Biology
Lajevardi, T., B.Sc., M.Sc. (Azad), M.Sc.(Simon Fraser)	Chemistry
Que, J., B.Sc., M.Sc. (British Columbia)	Biology
Moens, R., B.Sc. (McGill), M.Sc. (British Columbia)	Biology
Samiei, M., M.C.P., B.Elec.Eng. (Tehran), M.App.Sci. (Simon Fraser)	Applied Science
Schmor, K., B.A. (British Columbia), M.A. (Pennsylvania), Ph.D. (Illinois)	Philosophy
Su, L. W., B.Sc. (Simon Fraser), M.Sc. (British Columbia), Ph.D. (Simon Fraser)	Chemistry
Todoruk, T., B.Sc., M.Sc. (Northern British Columbia)	Physics
Wang, B. B.Sc. (China), M.Sc. (Simon Fraser)	Chemistry
Weir, A., B.Sc. (Queens), M.Sc. (Guelph)	Biology

Laboratory Technicians	Lee, S., B.Sc. (Simon Fraser), Higher Cert., Biol.Lab.Sc. (HK) Geronimo, R., B.Sc. (British Columbia), Assayer Cert. (BCIT)

LIBRARY

Library Director	Jones, F., B.A. (Simon Fraser), M.A., M.L.I.S. (British Columbia)
Librarian	Haigh, J., B.A. (British Columbia), M.A. (Dalhousie), M.L.I.S. (British Columbia)
Library Technician	Meunier, S., B.A. (Regina), Dip. LIT (Langara) Burnett, C. B.Sc. (British Columbia), Dipl.L.I.S. (Langara) Bennett, J., Dipl. (Langara) Kowal, H., B.A. (Victoria), Dipl. L.I.S.

IT SERVICES

Associate Director, IT Systems	Tse, J., Networking Professional Dip. (BCIT), A+ Cert., S+ Cert., MCSE
IT Services Technician's	Ng, S., Tech. Studies Dip. (BCIT), A+ Cert. Low, L., B.A.Sc. (British Columbia) Wu, E., Dipl. Tech. (BCIT)

STAFF

Academic Advisors	Chung, M., B.A. (Simon Fraser) Moreno Succi, N., B.A. (Simon Fraser) Nozick, J., B.A. (Concordia), M.A. (Liverpool) Roberts, D., B.A., P.D.P., M.A. (Simon Fraser) Watanabe, M., B.A. (Simon Fraser)
Academic Advisor (High School)	Hand, C., B.A. (Maynooth), P.M.E. (Maynooth)
Accounting Officers	Chung, C., B.A. (Simon Fraser) Matsui, M., B.A. (Trinity Western) Mine, K., B.A. (Aoyama Gakuin, Japan) Zheng, L., Dipl. (Seneca)
Accounting Manager	Gillan, K., B.TECH. (BCIT), C.P.A.
Administrative Assistants	Jung, D.H., B.A. (Dan Kook, Korea) Kon, M. Li, Y., B.A. (GuagDong), Dipl. (Capilano)
Administrative Assistant (High School)	Rivera Cardona, S., M.A. (ESMDM), Dipl. (Douglas)
Admissions Assistants	Masaquel, M., Busn. Mgmt. Dip. (Philippines) Zhao, S. Dipl. (China)
Admissions Officer	Rosadia, R., B.Sc. (St. La Salle)

Associate Director of Admissions & Enrolment	Chen, H., B.A. (Shanghai), M.A. (Royal Roads)
Campus Operations Coordinator	Umed, N., A.A. (Columbia College)
Career Advisor	Albuquerque, A., B.A. (Brazil), Post. Bacc. Prog. (KPU)
Communications Manager	Gomos, E., B.A. (Capilano)
Community Development Coordinator	Dhummi, G., A.A., (Columbia College)
Counsellors	Freed, G., B.Sc. (York), M.Sc. (Athabasca), BCACC Ng, Lorraine, B.B.A. (Simon Fraser), M.A. (Adler), BCACC Shen, W., B. A. (British Columbia), M.A. (Adler)
Counsellor Manager	Baker, S. B.A., M.A., Ph.D.
Counsellor & Student Life Manager (High School)	Jeffreys, C., B.A. (Lancaster), Postgrad. Cert. Ed. (Lancaster)
Digital Marketing & Communications Specialist	Hoang, S., B.A. (Diplomatic Academy Vietnam), Dipl (Langara)
Educational Technology Consultant	Affandi, S., B.Sc (Swinburne), M.Sc (Malaysia Sarawak)
Financial Analyst	Chan, J., B.BA (Simon Fraser), Dipl. (British Columbia)
Financial Analyst Manager	Gong, S., B.A.F.M. (Paul Cezanne)
Homestay Coordinator	Mooney, R.
Human Resources Advisor	Patel, Z., B.Comm, M.Comm (India), MBA (NYIT), HRM cert. (SFU)
Human Resources Coordinator	Duggal, S., BBA.HRM (Acsenda)
Immigration Advisor	Al Shiekhly, L., B.Sc., (London), Dipl. (Ashton), RCIC
Indigenous Initiatives Consultant	Neelakandan Girija, A. B.A. (Delhi), M.Phil. (JNU), M.A. (Leiden), Ph.D. (British Columbia)
Instructional Development Consultant	Cardoso, M., B.A. (Georgia), M.Ed. (British Columbia)
Learning Centre Supervisor	Barzin, S., B.A., M.A. (Azad University)
Nurses	Clarke, G., L.P.N. Goth, C., L.P.N.
Office Manager	Chiu, P., B.A. (British Columbia)
Office Manager (High School)	Ebenal, D., Dipl.
Payroll Manager	Paz, D., C.P.M. (BCIT), P.C.P. (Canadian Payroll Association)
Resettlement Coordinator	Roth, S., B.A. (British Columbia)
Student Life Coordinator	Thison, S., A.A. (Columbia College)
Student Life Coordinator (High School)	Chau, Z., B.A. (Kwantlen Polytechnic), F.A. Cert. (Kwantlen Polytechnic)
Student Development Manager	Chien, G., B.A. (Simon Fraser), TESL Dip. (Vancouver Community), GDBA (Simon Fraser)
Student Recruitment Managers	Culver, A., B.A. (Simon Fraser), M.G.M. (Royal Roads) Ding, A., B.A. (Xiangtan), M.A. (Xiamen), Hosp. & Tour. Dip. (North Island) Salcedo, L., B.I.B.M (Colombia), Post Grad Dipl. (Colombia)
Student Services Manager	Flores-Santiago, G., B.A. (British Columbia), M.A. (London), Cert. (Jerusalem)
Student Success Coordinator	Woo, T., B.A. (McGill), M.Ed. (British Columbia)
Tutors:	
English	Drzazgowski, K.H., B.A. (Simon Fraser), M.A. (British Columbia) Logan, A., B.A. (Western Ontario) Ho, A., B.A. (British Columbia), M.A. (British Columbia)
Math	Isip, U., M.Sc.
Science	Girdhar, S. B.Sc, M.Sc., Ph.D. (Panjab University)

PROFESSORS EMERITI

Leah Kaser	*English*	*1976-2015*
Jim Smith	*English*	*1978-2016*
Trevor Toone	*Natural Science/Principal*	*1978-2018*

FIND YOUR VOICE

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