

Undeclared

Undeclared Program

Bachelor of Arts (Honours), Bachelor of Science (Honours)

Students can find it difficult to decide which thematic or discipline-specific program they want to take for their academic studies. The Undeclared program typically enables students to begin their studies with a broad set of topics to help them narrow their focus and transition into a thematic or discipline-specific program. The recommended course patterns for students are outlined below. Students are expected to apply to enter a thematic or discipline-specific program upon or before completing 3.5 credits, and can meet with an academic advisor at the Academic Advising Centre who will offer support in making this decision.

First-year Course Selection for B.A. (Honours) Undeclared Students

To give themselves the greatest range of choices and transition to a more specific program, Undeclared B.A. students should consider the following guidelines in selecting their initial courses.

Undeclared B.A. students should register in:

1. A B.A. First-year seminar (FYSM);
2. Courses in at least three different disciplines leading to programs within the Faculty of Arts and Social Sciences or the Faculty of Public Affairs.

First-year Course Selection for B.Sc. (Honours) Undeclared Students

To give themselves the greatest range of choices and transition to a more specific program, Undeclared B.Sc. students should conform to the following guidelines in selecting their initial courses. Some Science majors have specific math prerequisites which may differ from those listed below. Students must contact sciundecadvising@carleton.ca for support in course selection and major selection.

Undeclared B.Sc. students should register in:

| | |
|---|------------|
| 1. 2.0 credits in Experimental Science | 2.0 |
| 2. 1.0 credit in Mathematics | 1.0 |
| 3. 1.0 credit in Mathematics, Experimental Science or Computer Science | 1.0 |
| 4. 1.0 credit chosen from: | 1.0 |
| NSCI 1000 [0.5] Seminar in Science | |
| and/or approved courses outside the faculties of Science and Engineering and Design | |
| Total Credits | 5.0 |

Course Categories

Experimental Science Courses

Biology

BIOL 1103 [0.5] Foundations of Biology I

BIOL 1104 [0.5] Foundations of Biology II

Chemistry

CHEM 1001 [0.5] General Chemistry I

CHEM 1002 [0.5] General Chemistry II

Earth Sciences

ERTH 1006 [0.5] Exploring Planet Earth

ERTH 1009 [0.5] The Earth System Through Time

Physics

PHYS 1001 [0.5] Foundations of Physics I

PHYS 1002 [0.5] Foundations of Physics II

PHYS 1003 [0.5] Introductory Mechanics and Thermodynamics

PHYS 1004 [0.5] Introductory Electromagnetism and Wave Motion

PHYS 1007 [0.5] Elementary University Physics I

PHYS 1008 [0.5] Elementary University Physics II

Appropriate Mathematics Courses

Calculus

MATH 1007 [0.5] Elementary Calculus I

Algebra

MATH 1107 [0.5] Linear Algebra I

Statistics

STAT 2507 [0.5] Introduction to Statistical Modeling I

Appropriate Computer Science Courses

COMP 1005 [0.5] Introduction to Computer Science I

COMP 1006 [0.5] Introduction to Computer Science II

Approved Courses Outside the Faculties of Science and Engineering and Design

Approved courses outside the faculties of Science and Engineering and Design are specified in the *Academic Regulations for the Bachelor of Science Degree* section of this Calendar.

B.A. Regulations

The regulations presented below apply to all Bachelor of Arts programs. In addition to the requirements presented here, students must satisfy the University regulations common to all undergraduate students including the process of Academic Continuation Evaluation (consult the *Academic Regulations of the University* section of this Calendar).

First-Year Seminars

B.A. degree students are strongly encouraged to include a First-Year Seminar (FYSM) during their first 4.0 credits of registration. Students are limited to 1.0 credit in FYSM and can only register in a FYSM while they have first-year standing in their B.A. program.

Breadth Requirement

Among the credits presented at graduation, students in both the B.A. and the B.A. Honours degrees and B.Co.M.S. are required to include 3.0 breadth credits, which must include 1.0 credit in three of the four breadth areas identified below. Credits that fulfil requirements in the Major, Minor, Concentration, Specialization, or Stream may also be used to fulfil the Breadth Requirement.

Students admitted with a completed university degree are exempt from breadth requirements.

Students in the following interdisciplinary programs are exempt from the B.A. breadth requirement.

- African Studies
- Criminology and Criminal Justice
- Environmental Studies
- Human Rights
- Human Rights and Social Justice

Breadth Area 1: Culture and Communication

American Sign Language, Art History, Art and Culture, Communication and Media Studies, Digital Humanities, English, Film Studies, French, Journalism, Media Production and Design, Music, and Languages (Arabic, English as a Second Language, German, Greek, Hebrew, Indigenous Languages, Italian, Japanese, Korean, Latin, Mandarin, Portuguese, Russian, Spanish)

Subject codes: ARAB, ARTH, ASLA, CHIN, COMS, DIGH, ENGL, ESLA, FILM, FINS, FREN, GERM, GREK, HEBR, ITAL, JAPA, JOUR, KORE, LANG, LATN, MPAD, MUSI, PORT, RUSS, SPAN

Breadth Area 2: Humanities

African Studies, Applied Linguistics and Discourse Studies, Archaeology, Canadian Studies, Child Studies, Classical Civilization, Critical Race Studies, Directed Interdisciplinary Studies, Disability Studies, Environmental and Climate Humanities, European and Russian Studies, History, Human Rights and Social Justice, Humanities, Indigenous Studies, Latin American and Caribbean Studies, Linguistics, Medieval and Early Modern Studies, Philosophy, Religion, Sexuality Studies, South Asian Studies, and Women's and Gender Studies.

Subject codes: AFRI, ALDS, ARCY, CDNS, CHST, CLCV, CRST, DBST, DIST, EACH, EURR, HIST, HRSJ, HUMR, HUMS, INDG, LACS, LING, MEMS, PHIL, RELI, SAST, SXST, WGST

Breadth Area 3: Science, Engineering, and Design

Architecture, Biology, Chemistry, Computer Science, Earth Sciences, Engineering, Environmental Science, Food Science and Nutrition, Health Sciences, Industrial Design, Information Resource Management, Information Technology (BIT), Information Technology (ITEC), Interactive Multimedia and Design, Mathematics, Neuroscience, Network Technology, Optical Systems and Sensors, Photonics, Statistics, Physics, and Technology, Society, Environment.

Subject codes: ACSE, AERO, ARCC, ARCH, ARCN, ARCS, ARCU, BIOC, BIOL, BIT, CHEM, CIVE, COMP, ECOR, ELEC, ENSC, ENVE, EARTH, FOOD, HLTH, IDES, IMD, IRM, ISCI, ISCS, ISYS, ITEC, MAAE, MATH, MECH, NET, NEUR, NSCI, OSS, PHYS, PLT, SREE, STAT, SYSC, TSES

Breadth Area 4: Social Sciences

Anthropology, Business, Cognitive Science, Criminology and Criminal Justice, Economics, Environmental Studies, Geography, Geomatics, Global and International Studies, Global Politics, Interdisciplinary Public Affairs, International Affairs, Law, Migration and Diaspora Studies, Political Management, Political Science, Psychology, Public

Administration, Public Affairs and Policy Management, Social Work, Sociology/Anthropology, Sociology

Subject codes: ANTH, BUSI, CGSC, CRCJ, ECON, ENST, GEOG, GEOM, GINS, GPOL, INAF, IPAF, LAWS, MGDS, PADM, PAMP, POLM, PSCI, PSYC, SOCI, SOWK

Declared and Undeclared Students

Degree students are considered "Undeclared" if they have been admitted to a degree, but have not yet selected and been accepted into a program within that degree. The status "Undeclared" is available only in the B.A. and B.Sc. degrees. Undeclared students must apply to enter a program upon or before completing 3.5 credits.

Change of Program Within the B.A. Degree

To transfer to a program within the B.A. degree, applicants must normally be *Eligible to Continue* (EC) in the new program, by meeting the CGPA thresholds described in Section 3.1.9 of the *Academic Regulations of the University*.

Applications to declare or change programs within the B.A. degree online must be made online through Carleton Central by completing a Change of Program Elements (COPE) application form within the published deadlines. Acceptance into a program, or into a program element or option, is subject to any enrollment limitations, as well as specific program, program element, or option requirements as published in the relevant Calendar entry.

Minors, Concentrations, and Specializations

Students may add a Minor, Concentration, or Specialization by completing a Change of Program Elements (COPE) application form online through Carleton Central. Acceptance into a Minor, Concentration, or Specialization normally requires that the student be *Eligible to Continue* (EC) and is subject to any specific requirements of the intended Minor, Concentration, or Specialization as published in the relevant Calendar entry and in Section 3.1.9 of the *Academic Regulations of the University*.

Mention : français

Students registered in certain B.A. programs may earn the diploma notation *Mention : français* by completing part of their program requirements in French, and by demonstrating knowledge of the history and culture of French Canada. The general requirements are listed below. For more specific details, consult the departmental program entries.

Students in a B.A. Honours program must present:

1. 1.0 credit in French language;
2. 1.0 credit devoted to the history and culture of French Canada;
3. 1.0 credit at the 2000- or 3000-level in the Honours discipline taken in French; and
4. 1.0 credit at the 4000-level in the Honours discipline taken in French.

Students in a B.A. program must present:

1. 1.0 credit in advanced French;
2. 1.0 credit devoted to the history and culture of French Canada;
3. 1.0 credit at the 2000- or 3000-level in the Major discipline taken in French.

Students in Combined Honours programs must fulfil the *Mention : français* requirement in both disciplines.

Courses taught in French (Items 3 and 4, above) may be taken at Carleton, at the University of Ottawa on the Exchange Agreement, or at a francophone university on a Letter of Permission. Students planning to take courses on exchange or on a Letter of Permission should take careful note of the residence requirement for a minimum number of Carleton courses in their programs. Consult the *Academic Regulations of the University* section of this Calendar for information regarding study on exchange or Letter of Permission.

B.Sc. Regulations

The regulations presented in this section apply to all Bachelor of Science programs. In addition to the requirements presented here, students must satisfy the University regulations common to all undergraduate students including the process of Academic Continuation Evaluation (see the *Academic Regulations of the University* section of this Calendar).

Breadth Requirement for the B.Sc.

Students in a Bachelor of Science program must present the following credits at graduation:

1. 2.0 credits in Science Continuation courses not in the major discipline; **students completing a double major are considered to have completed this requirement providing they have 2.0 credits in Science Continuation courses in each of the two majors;**
2. 2.0 credits in courses outside of the faculties of Science and Engineering and Design (may include NSCI 1000)

In most cases, the requirements for individual B.Sc. programs, as stated in this Calendar, contain these requirements, explicitly or implicitly.

Students admitted to B.Sc. programs by transfer from another institution must present at graduation (whether taken at Carleton or elsewhere):

1. 2.0 credits in courses outside of the faculties of Science and Engineering and Design (may include NSCI 1000) if the student received fewer than 10.0 transfer credits; or,
2. 1.0 credit in courses outside of the faculties of Science and Engineering and Design (may include NSCI 1000) if the student received 10.0 or more transfer credits.

Declared and Undeclared Students

Degree students are considered "Undeclared" if they have been admitted to a degree, but have not yet selected and been accepted into a program within that degree. The status "Undeclared" is available only in the B.A. and

B.Sc. degrees. Undeclared students must apply to enter a program upon or before completing 3.5 credits.

Change of Program within the B.Sc. Degree

To transfer to a program within the B.Sc. degree, applicants must normally be *Eligible to Continue* (EC) in the new program, by meeting the CGPA thresholds described in Section 3.1.9 of the *Academic Regulations of the University*.

Applications to declare or change programs within the B.Sc. degree must be made online through Carleton Central by completing a Change of Program Elements (COPE) application form within the published deadlines. Acceptance into a program, or into a program element or option, is subject to any enrolment limitations, and/or specific program, program element or option requirements as published in the relevant Calendar entry.

Minors, Concentrations, and Specializations

Students may add a Minor, Concentration, or Specialization by completing a Change of Program Elements (COPE) application form online through Carleton Central. Acceptance into a Minor, Concentration, or Specialization normally requires that the student be *Eligible to Continue* (EC) and is meeting the minimum CGPAs described in Section 3.1.9 of the *Academic Regulations of the University*, as well as being subject to any specific requirements of the intended Minor, Concentration, or Specialization as published in the relevant Calendar entry.

Experimental Science Requirement

Students in a B.Sc. degree program must present at graduation at least two full credits of Experimental Science chosen from two different departments or institutes from the list below:

Approved Experimental Science Courses

| Biochemistry | |
|-----------------|--|
| BIOC 2200 [0.5] | Cellular Biochemistry |
| BIOC 4001 [0.5] | Methods in Biochemistry |
| BIOC 4201 [0.5] | Advanced Cell Culture and Tissue Engineering |
| Biology | |
| BIOL 1103 [0.5] | Foundations of Biology I |
| BIOL 1104 [0.5] | Foundations of Biology II |
| BIOL 2001 [0.5] | Animals: Form and Function |
| BIOL 2002 [0.5] | Plants: Form and Function |
| BIOL 2104 [0.5] | Introductory Genetics |
| BIOL 2200 [0.5] | Cellular Biochemistry |
| BIOL 2600 [0.5] | Ecology |
| Chemistry | |
| CHEM 1001 [0.5] | General Chemistry I |
| CHEM 1002 [0.5] | General Chemistry II |
| CHEM 2103 [0.5] | Physical Chemistry I |
| CHEM 2203 [0.5] | Organic Chemistry I |
| CHEM 2204 [0.5] | Organic Chemistry II |
| CHEM 2302 [0.5] | Analytical Chemistry I |
| CHEM 2303 [0.5] | Analytical Chemistry II |
| CHEM 2800 [0.5] | Foundations for Environmental Chemistry |

Earth Sciences

| | |
|-----------------|--|
| ERTH 1006 [0.5] | Exploring Planet Earth |
| ERTH 1009 [0.5] | The Earth System Through Time |
| ERTH 2102 [0.5] | Mineralogy to Petrology |
| ERTH 2404 [0.5] | Engineering Geoscience |
| ERTH 2802 [0.5] | Field Geology I |
| ERTH 3111 [0.5] | Vertebrate Evolution: Mammals, Reptiles, and Birds |
| ERTH 3112 [0.5] | Vertebrate Evolution: Fish and Amphibians |
| ERTH 3204 [0.5] | Mineral Deposits |
| ERTH 3205 [0.5] | Physical Hydrogeology |
| ERTH 3806 [0.5] | Structural Geology |

Food Sciences

| | |
|-----------------|-------------------|
| FOOD 3001 [0.5] | Food Chemistry |
| FOOD 3002 [0.5] | Food Analysis |
| FOOD 3005 [0.5] | Food Microbiology |

Geography

| | |
|-----------------|------------------------------|
| GEOG 1010 [0.5] | Global Environmental Systems |
| GEOG 3108 [0.5] | Soil Properties |

Neuroscience

| | |
|-----------------|--------------------------------|
| NEUR 3206 [0.5] | Sensory and Motor Neuroscience |
| NEUR 3207 [0.5] | Systems Neuroscience |
| NEUR 4600 [0.5] | Advanced Lab in Neuroanatomy |

Physics

| | |
|-----------------|--|
| PHYS 1001 [0.5] | Foundations of Physics I |
| PHYS 1002 [0.5] | Foundations of Physics II |
| PHYS 1003 [0.5] | Introductory Mechanics and Thermodynamics |
| PHYS 1004 [0.5] | Introductory Electromagnetism and Wave Motion |
| PHYS 1007 [0.5] | Elementary University Physics I |
| PHYS 1008 [0.5] | Elementary University Physics II |
| PHYS 2202 [0.5] | Wave Motion and Optics |
| PHYS 2604 [0.5] | Modern Physics I |
| PHYS 3007 [0.5] | Third Year Physics Laboratory: Selected Experiments and Seminars |
| PHYS 3606 [0.5] | Modern Physics II |
| PHYS 3608 [0.5] | Modern Applied Physics |