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# INTERDISCIPLINARY STUDIES

Section 31.170

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*Administrator*

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*For the complete list of faculty members, please consult the Department website.*

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## Program Objectives

The Faculty of Arts and Science *Principles of Education* (§31.001) reinforce the value of broadening skills and experience beyond the boundaries of a single concentration. Interdisciplinary studies involves students in a range of thought, from scientific to humanistic. Courses are designed to illuminate principles, methods, and skills that cross disciplinary boundaries. These programs are intended for students whose interests do not conform to standard academic programs.

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## Program

### INDIVIDUALLY STRUCTURED PROGRAMS — HONOURS OR SPECIALIZATION

Under the direction of the academic advisor, Faculty of Arts and Science

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## Admission

Opportunities are available in some departments and programs to follow an Individually Structured Specialization or Honours program. Students must apply to the Department that seems most relevant to the central aspect of their proposed program. Students in general must have demonstrated in their previous academic endeavours that they are capable of good standing ("B" level), but in exceptional cases a student may be admitted provisionally on the recommendation of the departmental undergraduate coordinator.

Formal entry to the ISP may occur only after completion of preparatory courses such as are required in Mature Entry and Extended Credit programs. Students wishing to follow an honours program must follow the Faculty procedures and regulations concerning admission to honours programs. (See Degree Requirements — Honours, §16.2.4 and 31.003.)

Students interested in pursuing an Individually Structured Program should contact the academic advisor, Faculty of Arts and Science, at 514-848-2424, ext. 2104.

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## Academic Regulations

The program will consist of not less than 60 credits. The courses chosen must be based on a departmental or program core, usually the major, but not less than 24 credits. Students will thus be required to complete necessary prerequisites, and general preparation courses such as Research Methods or Statistics, so that they may later follow a regular departmental program if they so desire.

A specialization student must maintain an average of "C+" in all specialization courses for purposes of continuation in the program from year to year, as well as for graduation. The minimum acceptable grade in any single specialization course is "C-."

The program of study must be worked out at the time of registration into the program. Admission to the program must be finalized before a student registers for the final 60 credits of the 90-credit portion of their degree. To allow for the non-availability of certain courses during certain sessions, allowable substitute courses must be listed in advance. Such substitution provisions will be necessary only in the case of specialized courses that are known not to be available on a session by session basis. The intention of this regulation is to assure that the program does not become an ad hoc mixture of courses without clearly rationalized academic coherence.

Students must prepare a careful, not necessarily long, statement of their goals indicating the specific reasons for their program choice. The rationale and the sequence of courses chosen must be approved by the two departmental program coordinators and the Associate Dean, Student Academic Services.

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## Programs

### INTERDISCIPLINARY PROGRAMS — MINORS AND CERTIFICATES

Interdisciplinary minor programs usually consist of 24 or more credits and are to be combined with a department major, specialization, or honours. Interdisciplinary certificate programs normally consist of 30 credits and can be taken as independent programs.

Interdisciplinary minor and certificate programs are listed below.

Credits	Title	Cal. Sec.
30	Certificate in Arts and Science	31.170
30	Certificate in Science Foundations	31.170
24	Minor in Israel Studies	31.170

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## Program

### CERTIFICATE IN ARTS AND SCIENCE

The Certificate in Arts and Science is a *non-degree program* that caters to students who qualify for undergraduate degree programs, but whose preference is to follow a shorter program of study. It may also be of interest to those who already have an undergraduate degree, but wish to update their knowledge or learn new skills.

The certificate requires successful completion of 30 credits. At least 24 of these credits must be chosen from courses offered by not more than three departments in the Faculty of Arts and Science.

Students may transfer into the certificate program credits earned in an incomplete degree or certificate program or as an Independent student, provided they are students in good standing. The credits that may be so transferred are determined by the University at the point of entry into the program.

Students who are admitted to the Certificate in Arts and Science, and who wish to continue in a degree program, should apply for admission to their program within the first 30 credits.

For advising assistance, students should contact Student Academic Services at 514-848-2424, ext. 2104.

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## Program

### CERTIFICATE IN SCIENCE FOUNDATIONS

The Certificate in Science Foundations is a non-degree program that caters to students who wish to develop the necessary background for further study in undergraduate degree programs in Science. It also may be of interest to students whose preference is to follow a shorter program of study or who wish to update their knowledge or learn important basics of Science. The certificate requires successful completion of 30 credits.

Students may transfer into the certificate program credits earned in an incomplete degree or certificate program or as an Independent student, provided they are students in good standing. The credits that may be so transferred are determined by the University at the point of entry into the program. Students who are admitted to the Certificate in Science Foundations, and who wish to continue in a degree program, should apply for admission to their program within the first 30 credits.

#### 30 Certificate in Science Foundations

- 3 BIOL 201<sup>3</sup>
- 6 CHEM 205<sup>3</sup>, 206<sup>3</sup>
- 9 MATH 203<sup>3</sup>, 204<sup>3</sup>, 205<sup>3</sup>
- 12 PHYS 204<sup>3</sup>, 205<sup>3</sup>, 206<sup>3</sup>, 224<sup>1</sup>, 225<sup>1</sup>, 226<sup>1</sup>

*NOTE: In the event that a student is awarded an exemption from a required course, it will be necessary for the student to replace that course with another relevant to the program, chosen from the following list or in consultation with an academic advisor.*

BIOL 225<sup>3</sup>, 226<sup>3</sup>; CHEM 221<sup>3</sup>, 222<sup>3</sup>, 271<sup>3</sup>; GEOG 260<sup>3</sup>; GEOL 210<sup>3</sup>; MAST 217<sup>3</sup>, 218<sup>3</sup>, 221<sup>3</sup>, 234<sup>3</sup>; PHYS 232<sup>3</sup>, 252<sup>3</sup>, 253<sup>3</sup>

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## Program

### INTERDISCIPLINARY STUDIES IN SEXUALITY

The Major and Minor in Interdisciplinary Studies in Sexuality, offered jointly by the Faculty of Arts and Science and the Faculty of Fine Arts, draw their curriculum from a variety of disciplines. Their purpose is to investigate empirical, theoretical, and creative aspects of sexuality.

Please refer to §31.560 Simone de Beauvoir Institute and Women's Studies for details.

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## Program

### ISRAEL STUDIES

The Minor in Israel Studies is designed to ensure a balanced coverage and study of the main religious, social, cultural, and political currents that define Israel in the Middle East today. Its curriculum is drawn from various departments including Art History, Classics, Modern Languages and Linguistics, English, History, Political Science and Religions and Cultures.

Students interested in this program should contact the Director of the Azrieli Institute of Israel Studies.

#### 24 Minor in Israel Studies

- 3-9 Credits chosen from HEBR 210<sup>6</sup>, 241<sup>3</sup>; MARA 200<sup>6</sup>, 206<sup>6</sup>, 240<sup>6</sup>
- 3 Credits chosen from POLI 391<sup>3</sup>, 395<sup>3</sup>; RELI 319<sup>3</sup>
- 3 Credits chosen from POLI 322<sup>3</sup>; RELI 328<sup>3</sup>, 329<sup>3</sup>
- 6-12 Credits chosen from ARTH 369<sup>3</sup>; ENGL 398<sup>3</sup>; HEBR 310<sup>3</sup>; HIST 235<sup>3</sup>, 242<sup>3</sup>, 359<sup>3</sup>; RELI 220<sup>3</sup>, 223<sup>3</sup>, 224<sup>3</sup>, 301<sup>3</sup>, 351<sup>3</sup>, 393<sup>3</sup>
- 3 Credits chosen in consultation with the advisor

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## Elective Groups

Elective Groups (formerly referred to as Clusters) are elective courses (15 to 18 credits) on a theme. Each group provides multidisciplinary and interdisciplinary course content.

Credits	Elective Groups
15	Econometrics and Programming
18	Health and Lifestyle
18	Hellenic Studies
18	Introduction to Life Sciences
18	Legal Studies
15	Management
15	Marketing
15	Native Studies
18	Quebec Studies
18	Spanish America
15	Sustainability Studies
18	Preparing for Success in the Workplace
18	The Planet Earth: Studies in the Environment
15	Understanding Western Myth
15	The Basics of Business

Course information on these Elective Groups is listed in the Undergraduate Class Schedule and on the University website at [www.concordia.ca](http://www.concordia.ca).

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## Interdisciplinary Courses

Many courses which have an interdisciplinary approach and are recommended and/or required by a variety of departments are listed in this section.

### **INTE 290** *Introduction to Computer Usage and Document Design* (3 credits)

This course teaches students how to use the latest Windows operating system in combination with Microsoft Office applications and how to use these tools to produce attractive, efficient, and informative documents. Basic notions of word processing, document design, data organization, and presentation are explored. The course is based on a step-by-step learning process, whereby students acquire the tools that they need to accomplish a specific task. A minimum of 40 hours of laboratory work is required.

*NOTE: Computer Science students, or students enrolled in Mathematics and Statistics programs, may not take this course for credit.*

*NOTE: Students who have received credit or exemption for DESC 200 or BTM 200 may not take this course for credit.*

### **INTE 293** *Computer Application Development* (3 credits)

This course introduces students to the use of contemporary computer tools in scientific applications. It is designed for students with some familiarity with the fundamentals of computing who wish to use computers as tools for research within science disciplines. The format is largely self-instructional, using computer-based tutorial packages. A minimum of 40 hours of laboratory work is required.

### **INTE 296** *Discover Statistics* (3 credits)

This course introduces students to the basics of statistics and is aimed at mastering the elementary analytical concepts of the subject. Topics include descriptive statistics, correlation and regression analysis, experimental analysis (test procedures), probability (distribution and theory), hypothesis testing, and analysis of variance.

*NOTE: Students who have received credit for BIOL 322, COMM 215, ECON 221 or 222, GEOG 362, MAST 221 or 333, PSYC 315, SOCI 212, STAT 249 or for this topic under an INTE 298 number may not take this course for credit.*

### **INTE 298** *Special Topics* (3 credits)

### **INTE 299** *Special Topics* (6 credits)

Specific topics for these courses, and prerequisites relevant in each case, are stated in the Undergraduate Class Schedule.

### **INTE 398** *Special Topics* (3 credits)

### **INTE 399** *Special Topics* (6 credits)

Specific topics for these courses, and prerequisites relevant in each case, are stated in the Undergraduate Class Schedule.

### **INTE 498** *Special Topics* (3 credits)

### **INTE 499** *Special Topics* (6 credits)

Specific topics for these courses, and prerequisites relevant in each case, are stated in the Undergraduate Class Schedule.

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