

# Faculty of Social Sciences

## Summary of Degree Programs

### Undergraduate

#### Major Degrees

BA and BSc with a Major Field

BA (Honours) and BSc (Honours) with a Major Field

BA International Indigenous Studies (Interdisciplinary)

BA International Relations (Interdisciplinary)

BA Urban Studies (Interdisciplinary)

BA or BSc/BA or BSc (Social Sciences). A combined degree program within the Faculty of Social Sciences.

Second baccalaureate degree programs: BA or BSc and BA or BSc (Honours) with a Major Field following an appropriate first degree.

#### Co-operative Education

BA Co-operative Education programs in Archaeology, Economics, Geography, History, Linguistics, Political Science, and Sociology.

#### Combined Degrees

BComm/BA or BComm/BSc. A two-degree program with the Haskayne School of Business.

BSc (Engineering)/BSc or BA (Social Sciences). A two-degree program with the Faculty of Engineering.

BSc or BA (Science)/BSc or BA (Social Sciences). A two-degree program with the Faculty of Science.

BA (Humanities)/BA (Social Sciences) or BA (Humanities)/BSc (Social Sciences). A two-degree program with the Faculty of Humanities.

BA or BSc (Psychology)/BCR (Education). A two-degree program with the Faculty of Education.

### Table of Contents

Summary of Degree Programs ..... 233

Faculty Information ..... 234

Faculty Regulations ..... 235

Program Details

- Anthropology ..... 239
- Archaeology ..... 240
- Economics ..... 242
- Geography ..... 244
- History ..... 246
- International Indigenous Studies ..... 248
- International Relations ..... 249
- Linguistics ..... 250
- Political Science ..... 252
- Psychology ..... 253
- Sociology ..... 254
- Urban Studies ..... 256
- Multidisciplinary ..... 257
- Collaborative ..... 258

Administration ..... 259

### Collaborative Degrees

BSc Earth Science. A single degree program with the Faculties of Social Sciences and Science.

BSc Environmental Science. A single degree program with the Faculties of Social Sciences and Science.

BA East Asia. A single degree program with the Faculties of Social Sciences, Humanities and Communication and Culture.

## Degrees Offered

	Anthropology	Archaeology	Economics	Geography	History	International Indigenous Studies	International Relations	Linguistics	Political Science	Psychology	Sociology	Urban Studies
	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA
	BA Honours	BA Honours	BA Honours	BA Honours	BA Honours			BA Honours	BA Honours	BA Honours	BA Honours	
	BSc	BSc		BSc						BSc		
	BSc Honours	BSc Honours		BSc Honours						BSc Honours		
		BA co-op	BA co-op	BA co-op	BA co-op			BA co-op	BA co-op		BA co-op	
		BA Honours co-op	BA Honours co-op	BA Honours co-op				BA Honours co-op	BA Honours co-op		BA Honours co-op	
		BSc co-op		BSc co-op								
		BSc Honours co-op		BSc Honours co-op								
UNDERGRADUATE	BComm/BA <sup>1</sup>	BComm/BA <sup>1</sup>	BComm/BA <sup>1</sup>	BComm/BA <sup>1</sup>	BComm/BA <sup>1</sup>		BComm/BA <sup>1</sup>	BComm/BA <sup>1</sup>	BComm/BA <sup>1</sup>	BComm/BA <sup>1</sup>	BComm/BA <sup>1</sup>	BComm/BA <sup>1</sup>
	BComm/BSc <sup>1</sup>	BComm/BSc <sup>1</sup>		BComm/BSc <sup>1</sup>						BComm/BSc <sup>1</sup>		
	BSc/BA <sup>1,3</sup>	BSc/BA <sup>2,3</sup>	BSc/BA <sup>1,3</sup>	BSc/BA <sup>2,3</sup>	BSc/BA <sup>1,4</sup>		BSc/BA <sup>1,4</sup>	BSc/BA <sup>1,4</sup>	BSc/BA <sup>1,4</sup>	BSc/BA <sup>1,4</sup>	BSc/BA <sup>1,4</sup>	BSc/BA <sup>1,3</sup>
	BSc/BSc <sup>2</sup>	BSc/BSc <sup>2</sup>		BSc/BSc <sup>2</sup>						BSc/BSc <sup>2</sup>		
	BA/BA <sup>2</sup>	BA/BA <sup>2</sup>	BA/BA <sup>2</sup>	BA/BA <sup>2</sup>	BA/BA <sup>2</sup>		BA/BA <sup>2</sup>	BA/BA <sup>2</sup>	BA/BA <sup>2</sup>	BA/BA <sup>2</sup>	BA/BA <sup>2</sup>	BA/BA <sup>2</sup>
										BA = BSc/BCR <sup>4</sup>		

<sup>1</sup> Combined Degree with the Haskayne School of Business  
<sup>2</sup> Combined Degree with the Faculties of Science or Engineering  
<sup>3</sup> Combined Degree with the Faculties of Humanities or Science  
<sup>4</sup> Combined Degree with the Faculty of Education

GRADUATE	MA	MA	MA	MA	MA		MA	MA	MA	MA
				MSc					MSc	
			MEc							
	PhD	PhD	PhD	PhD	PhD		PhD	PhD	PhD	PhD

BA Latin American Studies. A single degree program with the Faculties of Social Sciences, Humanities and Communication and Culture.

## Minor Programs

A Minor may be formally declared in conjunction with these degree programs. Minors in Social Sciences are available in Anthropology, Archaeology, Economics, Geography, History, Indigenous Studies, Linguistics, Political Science, Psychology, Sociology, and Urban Studies.

Collaborative (Faculty of Social Sciences, Canadian Energy Research Institute) Applied Energy Economics Minor.

Collaborative (Faculty of Social Sciences, Faculty of Engineering, Van Horne Institute) Transportation Science Minor.

## First Year Options

Students are able to enter directly into the Faculty of Social Sciences. The following options are available to students:

1. Enter Social Sciences directly but do not declare a Major.
2. Enter Social Sciences directly and declare one of the majors that the Faculty offers (Anthropology, Archaeology, Economics, Geography, History, Linguistics, Political Science, Psychology, Sociology, or Urban Studies).
3. Enter Social Sciences directly and declare one of the Collaborative or Interdisciplinary degrees offered (Latin American Studies, International Indigenous Studies, International Relations, or East Asian Studies). Note that students wishing to enter the Earth Science or Environmental Science programs must wait until their second year (having completed five full-course equivalents). During their first year they may reside in either Social Sciences or the Faculty of Science Natural Sciences program.

Students are able (but not required) to declare a Major as a first year student in the Faculty of Social Sciences. However, by the time they have completed five full-course equivalents, students **must** choose a Major. In the Faculty of Social Sciences, we strongly believe that students should be exposed to a range of academic disciplines both in their first year of study, and throughout their program. All Social Sciences students regardless of whether they have declared a Major, are strongly encouraged to complete three courses (one and one-half full-course equivalents) from different disciplines in the Faculty of Social Sciences.

Students are also reminded that they must fulfill the Effective Writing Requirement within twelve months of their admission to the University of Calgary.

## Graduate

Detailed degree program requirements of the graduate programs listed above can be found in the Faculty of Graduate Studies calendar. All graduate degree programs fall under the jurisdiction of the Faculty of Graduate Studies.

## Faculty Information

### Contact Information

#### Faculty

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## Introduction

The Social Sciences broadly encompass all human experience from the earliest beginnings of civilization to the contemporary aspects of modern society in all of its diversity and complexity. The broad understanding of our world, its origins and physical structures, as well as the patterns of its social, political and economic life, is promoted by the nine disciplines in the Faculty, namely: Anthropology, Archaeology, Economics, Geography, History, Linguistics, Political Science, Psychology and Sociology.

## Faculty Regulations

Students in the Faculty of Social Sciences are governed by the academic regulations in this section as well as the Academic Regulations section of this Calendar. Additional program and course requirements of individual departments are specified in subsequent departmental and course listing sections.

## Admissions

New applicants should refer to "Admission Requirements" in the Academic Regulations section of this Calendar for regulations regarding University admission requirements.

Students wishing to enroll in any program of the Faculty of Social Sciences must meet the following admission requirements:

1. High school matriculation or equivalent which must include English 30 and one of Mathematics 30, Mathematics 31, or Pure Mathematics 30, or their equivalents. Refer to the Academic Regulations section of this Calendar for regulations regarding University admission requirements.
2. All students must satisfy the Effective Writing Requirement as outlined in the Academic Regulations section (at the front) of this Calendar.
3. Students transferring from other faculties and institutions must meet the competitive admission requirements in place for the program for which they are applying. For more information, refer to "Admission Requirements" in the Academic Regulations section of this Calendar.
4. Students **may** be admitted or readmitted to the Faculty on probation if (a) they are on probation in another faculty at the time of admission to the Faculty of Social Sciences, or (b) they previously have been required to withdraw from the University of Calgary or any other post-secondary institution (see Readmission

below). Students admitted on probation must clear probation at their first academic review (see Performance Review below).

Specific programs offered by the Faculty of Social Sciences may require, for purposes of admission, the completion of particular courses and other admission criteria than that specified in the Academic Regulations section of this Calendar (see specific program descriptions in the following sections).

Students considering a Major or Honours program in the Faculty of Social Sciences must contact the Department concerned as early as possible for proper advice regarding their programs.

## Readmission

- Students who have been required to withdraw for unsatisfactory academic performance may be considered for readmission after 12 or more months have elapsed since the date of dismissal.
- Applicants must apply by the deadlines stated in the current Calendar and meet the current admission requirements of the program to which they are seeking admission.
- Applicants must attach a letter to their application which (a) offers an explanation for their previously poor record, (b) outlines their academic plans and (c) explains why they are now likely to be successful.
- Readmission is not guaranteed.

Students so readmitted must maintain a grade point average of at least 2.00 on all courses taken after readmission. Failure to do so will result in permanent dismissal from the Faculty of Social Sciences. Students who have twice been required to withdraw from one or more Faculties at this or any other institution will not normally be considered for admission at any time.

## Registration

Once admitted to the Faculty of Social Sciences, students are required to register in courses consistent with their academic program. Failure to do so may result in the cancellation of their course registration by the Associate Dean. **Students are advised to read and consider carefully all regulations and, in cases of doubt as to the precise meaning of any statement or regulation, to consult the Department concerned and the Associate Dean (Student Affairs).**

All students are responsible for the completeness and accuracy of their registration and for arranging their course selections to meet all program requirements as detailed in this Calendar section, Faculty of Social Sciences.

Students should seek the advice of the Associate Dean (Student Affairs) and/or the Department of their Major. Consultations with the Associate Dean (Student Affairs) are

specifically recommended for those students who are registering in the final courses towards a degree. Any departure from standard program requirements must receive prior written authorization from the Associate Dean (Student Affairs).

Regardless of their home Faculty, students are not permitted to register in more than six full-course equivalents from any group of courses constituting the field of a Major program other than that to which the student has been officially admitted.

Students are advised not to register in a course unless they have achieved a grade of at least "C-" in each prerequisite course. A student who has successfully completed a course without having the normal prerequisite course(s) may not subsequently register in the prerequisite course(s) for program credit without permission of the department offering the course in which the student wishes to register.

## First Year Requirements

Until at least three full-course equivalents at the junior level have been successfully completed, a student may not register in senior courses unless their program requires it.

## Course Load

The equivalent of five full courses in the Fall/Winter Sessions represents a normal full load. Students with a GPA of at least 3.20 over their last five full-course equivalents will normally be permitted to register in one additional course. All other students may carry additional courses only with the special permission of the Associate Dean (Student Affairs). It should be pointed out that extra courses represent substantial burdens and may damage overall performance. Opportunities for accelerated progress also exist through credit courses in the Spring and Summer Sessions as well as credits obtained "by Special Assessment."

## Withdrawal from Courses

Students will not be permitted to withdraw more than once from a particular course. Students will be required to withdraw if they have accumulated a total of more than five full-course equivalent withdrawals while in attendance at the University of Calgary.

Subject to the regulations specified above, students may withdraw from courses by using the Touch-Tone Telephone Registration System. In any full or half course, the withdrawal must be processed prior to the deadline specified in the Academic Schedule printed in this Calendar. The letter "W" will be recorded on the transcript in lieu of a grade. Before deciding to withdraw from a course, students are encouraged to seek advice on the implications of this action with their course instructor or from the Associate Dean (Student Affairs).

Students wishing to withdraw completely from the University should refer to the Academic Regulations section at the front of this Calendar.

## Repetition of Courses

Students may repeat a course previously failed or one in which a higher grade is sought, including withdrawals. Normally, however, any one course may be repeated only once.

See the Academic Regulations section of this Calendar for the University regulations.

## Course Work

### Credit in Courses “By Special Assessment”

This Faculty allows students to gain credit in some courses “by Special Assessment.” Students are referred to the Academic Regulations section of this Calendar where the University regulations are described. Not more than five full-course equivalents completed “by Special Assessment” may be counted towards a degree.

### Opportunities to Take Courses at Another Institution for Transfer of Credit – Visiting Students

Subject to any relevant conditions set out in the specific program regulations which follow, students may be authorized to take some of their program course work at another university if their registration as a visiting student is acceptable to that university. (Note particularly point 2 of the Graduation Requirements—Degrees with a Major Field.)

Applications for such authorizations must be made as early as possible in writing to the Associate Dean (Student Affairs) and be accompanied by full details of the proposed courses and the total hours of instruction (machine copies of actual Calendar descriptions are preferred). Students will be advised officially by letter of the acceptability of the proposed courses for transfer credit in their programs and an appropriate letter will be sent to the Registrar of the other University. Students on probation are not eligible to receive a Letter of Permission to study at another institution.

It will be the responsibility of the student to ensure that an official transcript of grades is forwarded directly to the Registrar of the University of Calgary so that appropriate credit may be officially recorded.

### Course Classification

All degree programs in the Faculty of Social Sciences require the completion of at least two full-course equivalents from each of three Areas which are designated as listed (see Areas Chart).

Courses normally available for credit towards a baccalaureate degree carry numbers from 200 to 599. Courses numbered below 300 are termed junior courses, those numbered 300 or higher, senior courses.

The numbering of courses at the 200, 300, 400, and 500 levels in a particular field is intended to indicate the level of sophistica-

#### Area I

All courses offered by the Faculty of Humanities, Film courses, plus those Fine Arts courses listed below.

**Note: In fulfilling Area I degree requirements students should note that at least one full-course equivalent must be presented from the Faculty of Humanities.**

The Fine Arts courses listed below are not subject to the limitations imposed on courses from other Faculties. (See regulation 6. under “Graduation – Degrees with a Major Field.”)

#### Art History

201, 203, 205, 207, 301, 303, 305, 309, 311, 313, 315, 319, 321, 323, 325, 327, 329, 357, 359, 365, 401, 403, 405, 407, 411, 413, 415, 419, 423, 425, 469, 501, 503, 511

#### Dance

341, 343, 345

#### Drama

240, 340, 342, 344, 356, 371, 440, 471, 540

#### Music History and Literature

201, 203, 209, 211, 281, 301, 309, 331, 333

#### Area II

All courses offered by the Faculty of Social Sciences with the exception of those listed under Area III.

#### Area III

All courses offered by the Faculty of Science, plus the following courses from the Faculty of Social Sciences:

#### Anthropology

307, 311, 351, 353, 404, 435, 451, 457, 505, 552, 553, 589

#### Archaeology

201, 203, 306, 311, 413, 415, 417, 453, 471, 493, 506, 509, 517, 533, 555, 589, 595, 596, 599

#### Environmental Science

401, 501, 502, 503, 504, 505

#### Geography

201, 203, 305, 307, 313, 333, 339, 391, 403, 405, 407, 409, 413, 415, 417, 433, 437, 439, 445, 447, 503, 507, 511, 513, 515, 519, 531, 533, 535, 537, 547, 557, 590, 591, 599

#### Psychology

312, 365, 369, 375, 407, 411, 425, 427, 451, 455, 461, 463, 465, 467, 469, 471, 473, 475, 476, 479, 491, 497, 504, 505, 507, 511, 573, 591, 598

#### Transportation Science – All courses

tion involved and although many courses do not have prerequisites, it is often the case that a 200-level course is a prerequisite for a 300-level course, a 300-level course for a 400-level course, etc.

## Student Standing

### Dean’s List

The Dean’s List recognizes the outstanding achievement of students in the Faculty. It is compiled annually at the end of the Winter Session. To qualify for the Dean’s List, a student must achieve a grade point average of 3.60 or higher over all courses taken in the preceding Fall, Winter, Spring and Summer Sessions. One of (a) a minimum of four and one-half full-course equivalents, or (b) a minimum of four full-course equivalents plus a Spring or Summer Co-op work placement, or (c) a minimum of two full-course equivalents plus a Fall or Winter Co-op work placement must be completed with a grade point average of 3.60 or higher. A statement of inclusion on the Dean’s List will be recorded on the student’s transcript.

### Performance Review, Probationary Status and Dismissal

The academic standing of each student registered in the Faculty will be reviewed after each Winter Session, except for

students who have not completed three full-course equivalents since their previous review; those students will retain their current standing.

### Students Previously in Satisfactory Standing

- will retain that standing if they have achieved a GPA of at least 2.00 over all courses taken since the previous review.
- will either be placed on probation (if they have achieved a GPA of at least 1.70 but less than 2.00 over all courses taken since their previous review) or will be required to withdraw from the Faculty if their overall record is considered unsatisfactory.
- will be required to withdraw from the Faculty if they have achieved a GPA of less than 1.70 over all courses taken since their previous review.

### Students Already on Probation

- will be reinstated in satisfactory standing if they have achieved a GPA of at least 2.00 over all courses taken since their previous review.
- will be required to withdraw from the Faculty if they have achieved a GPA of less than 2.00 over all courses taken since their previous review.

Students will be permitted a maximum of one probationary period while registered as undergraduate students at the University of Calgary. Students will be required to withdraw rather than be placed on probation for a second time. Students placed on probation as a criterion of admission will not have this period counted in the total permitted. Probationary periods that have occurred in excess of five years previous will not be counted.

In the case of students required to withdraw from the Faculty but who have subsequently been admitted to another Faculty, the Faculty of Social Sciences reserves the right to refuse registration in any Social Sciences' courses other than junior or recognized and required service courses.

### Graduation With Distinction

The notation "With Distinction" will be inscribed on the permanent record and graduation parchment of any students completing a Major program with a grade point average of at least 3.60 over the last 15 full-course equivalents completed at the University of Calgary. In cases in which the "last fifteen" must include some but not all of a group of courses taken concurrently, the selection will be made in the manner most advantageous to the student. Students who have taken part of their work at another university or who have transferred into this Faculty may be granted a degree "With Distinction" at the discretion of the Faculty.

### Degrees with a Major Field

- Successful completion of an approved program equivalent to 20 full courses.
  - A minimum GPA of 2.00 must be achieved over all 20 courses.
  - Not more than five full "D" or "D+" grades will be allowed in the 20 courses.
  - Not more than one full "D" or "D+" grade may be in the Major Field.
- Not more than 10 of the required 20 courses may be transferred from other institutions and counted towards the degree.
  - At least half the courses counting towards the Major must be taken at the University of Calgary.
- Successful completion of at least seven and not more than 10 full-course equivalents in the Major field (except for the BA Majors in International Indigenous Studies, International Relations and Urban Studies). Of these the Department may specify certain courses as required. In the case of cross-listed courses within the Faculty of Social Sciences, credit will be given toward a Major in either Department as appropriate, regardless of the title under which the course was taken.
- At least two full-course equivalents in each of the three Areas. At least one full-course equivalent of those presented in

Area I must be from the Faculty of Humanities. (See Course Classification section under "Faculty Regulations - Course Work.")

- At least 12 full-course equivalents at the senior level.
- At least four full-course equivalents offered by faculties other than the Faculty of Social Sciences.
- A minimum of eleven full-course equivalents must be taken from courses offered in Areas I, II, and III. A maximum of one full-course equivalent physical activity course (Dance Education Activity/Theory, Outdoor Pursuits Activity/Theory, and Physical Education Activity/Theory) may be credited towards degree program requirements.
- Normally, for the BA degree the total number of courses taken from Areas I and II must exceed the number taken from Area III. Conversely, for the BSc degree the number of courses taken from Area III must exceed the total from Areas I and II.

### Degrees with a Double Major

Students desiring a degree with a double Major must complete all requirements of both Major fields. Students registered in the Faculty of Social Sciences who wish to pursue a second Major outside the Faculty must take more than half of their courses in the Faculty of Social Sciences. Permission to undertake a double major must be obtained from the Associate Dean (Student Affairs). Students are not normally allowed to use the same course(s) in both Majors.

### Minor Field

Students may formally declare a Minor field and have this officially recorded on the transcript of record provided that they complete at least five and not more than six full-course equivalents of which at least half must be at the senior level. This declaration may be made not later than the time of last registration. At present these Minor fields may be taken from the Faculties of Communication and Culture, Continuing Education, Education (Community Rehabilitation and Disability Studies), Fine Arts, Haskayne School of Business, Humanities, Medicine, Science and Social Sciences. For permission and further information contact the Associate Dean (Student Affairs) of the Faculty of Social Sciences. Students should consult the Calendar regulations in other faculties within which they intend to declare a Minor. In the case of cross-listed courses within the Faculty of Social Sciences, credit will be given toward a Minor in either Department as appropriate, regardless of the title under which the course was taken.

### Honours Degrees with a Major Field

#### Admission

A principal aim of an Honours program is to prepare the student in the field of major interest for entry to higher degree programs. High standards of performance are required.

In addition to the general admission requirements of the Faculty, students wishing to be considered for admission into an Honours program must have completed at least five full-course equivalents and must have achieved:

- a GPA of at least 3.00 over the most recent five full-course equivalents, and
- a cumulative GPA of at least 3.00 over previous University of Calgary courses and courses taken at other institutions which are applicable towards the completion of degree requirements.

Departments may set additional requirements.

Applications are referred to Departments for their recommendation before being considered by the Faculty. Students applying to be considered for admission to the Honours program must do so using the student access terminals. Applications will only be considered at the time of Fall Session registration.

With the exception of the Honours program in Psychology, students may apply for Honours after the first, second or third year of their program. Entry into an Honours program after the completion of two or more years may require the completion of course work in addition to the normal 20 full-course equivalents in order to meet the requirements for an Honours Degree. Students are thus urged to transfer into Honours at the earliest possible stage in their program to avoid complications. Entry into the Honours program in Psychology is only possible for the final year of study (see under 'Psychology' for details on admission to the Honours program in Psychology).

#### Performance Review

The academic standing of each honours student will be reviewed each year following the Winter Session. Continuation in the Honours program is contingent upon the student meeting the Faculty and Departmental requirements concerning the structure and content of the program (see Graduation Requirements below) and upon maintaining a grade-point average of 3.00, or higher if specified by the Department, over all courses completed since the last academic review. Students are advised that Departments may set additional requirements.

#### Graduation Requirements

- Degrees with Honours are awarded in two classes: First Class Honours and Honours. For First Class Honours the Faculty requires that a student must have successfully completed an approved program equivalent to 20 full-

course equivalents with a GPA of at least 3.60 over the last 15 full-course equivalents completed. In cases in which the "last 15" must include some but not all of a group of courses taken concurrently, the selection will be made in the manner most advantageous to the student.

For Honours, the corresponding Faculty requirement is a minimum GPA of 3.00. Individual Departments may require higher standards for graduating in an Honours program, and graduation is contingent upon the recommendation of the Department concerned, to the Dean.

In the field of specialization, a candidate for Honours may have no failures while enrolled in the Honours program. Within the 20 full-course equivalents included in the degree program, no more than one full-course equivalent "D" or "D+" grade may be in the field of specialization.

2. Candidates entering the Honours program after five full-course equivalents of study must complete the degree within six 12-month periods; candidates entering the program after 10 full-course equivalents of study must complete the degree within five 12-month periods; candidates entering the program after 15 full-course equivalents of study must complete the program within four 12-month periods.

Candidates entering the Honours Co-operative Education program after eight full-course equivalents must complete the degree within the following six 12-month periods; candidates entering the program after 15 full-course equivalents must complete the program within the following five 12-month periods.

3. Successful completion of at least eight and not more than 12 full-course equivalents in the Major field. Of these the department may require not more than 10. In the case of cross-listed courses within the Faculty of Social Sciences, credit will be given toward a Major in either Department as appropriate, regardless of the title under which the course was taken.
4. At least two full-course equivalents in each of the three Areas. At least one full-course equivalent of those presented in Area I must be from the Faculty of Humanities. (See Course Classification section under "Faculty Regulations - Course Work.")
5. At least 12 full-course equivalents at the senior level.
6. At least four full-course equivalents offered by faculties other than the Faculty of Social Sciences.
7. A minimum of eleven full-course equivalents must be taken from courses offered in Areas I, II, and III. A maximum of one full-course equivalent physical activity course (Dance Education Activity/Theory, Outdoor Pursuits Activity/Theory, and Physical Education

Activity/Theory) may be credited towards degree program requirements.

8. Normally, for the BA (Hons) degree the total number of courses taken from Areas I and II must exceed the number taken from Area III. Conversely, for the BSc (Hons) degree the number of courses taken from Area III must exceed the total from Areas I and II.
9. On the possibility of declaring a Minor field, check the graduation requirements for Degrees with a Major Field.

A student who fails to obtain a standing necessary to continue in an Honours program, or decides not to continue in Honours, may transfer to another program but must meet all the requirements of the new program including a maximum of 10 full-course equivalents in the major fields.

## Co-operative Education Program

Co-operative Education in the Social Sciences consists of five-year degree programs which formally integrate university courses with relevant work experience in government, business, and non-profit organizations. Students alternate periods of work and academic study. The Social Sciences Co-operative Education programs provide students with opportunities to experience the linkages between academic knowledge and a variety of appropriate job situations. By graduation, students will have completed a Social Sciences degree with a Major Field, along with the Job-School Bridging Concentration or a Management and Society Minor or another approved Minor, as well as four work placements.

Students should consult both the Co-operative Education/Internship and Social Sciences Department sections of this Calendar.

It is very important that students considering application see the Associate Dean (Student Affairs), as well as the Departmental Co-op Advisor, early in their programs, preferably during the second session of their first year.

Students thinking about combining Honours Social Sciences and Co-operative Education programs should consult with the Departments, as early as possible, in order to determine Departmental policies and expectations.

## Admission

Students must meet the Departmental course and GPA requirements for admission to the Co-operative Education programs.

## Required Courses

Students must complete all the usual requirements for a major in Archaeology, Economics, Geography, History, Linguistics, Political Science, or Sociology.

These four Co-operative Education half courses are also required: Co-operative Education 551.01, 551.02, 551.03, 551.04 (Co-operative Placement in the Social

Sciences). Upon completion of each work term, the student must present a work term report to the appropriate Departmental Co-operative Education Coordinator. A satisfactory work term report, and attendance at the Integrative Session at the end of each work term (as well as completion of related assignments) are conditions for receiving credit for Co-operative Education 551.01, 551.02, 551.03 and 551.04.

The purpose of the Integrative Session is to focus student attention on the linkages between their particular job experiences, and the concepts, theories, and methodology of their Social Science major. The session is approximately three hours in length, and ordinarily held in the early evening.

In addition, the student must complete the requirements for the Job-School Bridging Concentration or the Minor in Management and Society (see Haskayne School of Business section of this Calendar), or another approved Minor. The Job-School Bridging Concentration requires students to take three full-course equivalents from the List of Bridging Courses. Students are normally required to complete two courses from each of the three Bridging Course groupings. Variations from this are possible but require Departmental approval and the approval of the Associate Dean (Student Affairs). A course taken for credit towards the Social Sciences Major may not be chosen for credit in the Bridging Concentration or the Management and Society Minor or the approved Minor.

It is very important, both before and after acceptance into the Co-operative Education Social Sciences programs, that students consult early and often with their Departments and with the Associate Dean of Social Sciences.

## Groupings of Bridging Courses\* Business and Economics

Accounting 317, Business and Environment 291, 395, Economics 201, 203, Human Resources and Organizational Dynamics 321, Marketing 341, Philosophy 329, Psychology 421, Strategy and General Management 401

## Communication and Languages

Communications Studies 361, 363, Linguistics 309

Chinese 205, French 209, German 200, 202, Hindi 205, Italian 201, Japanese 205, Russian 201, Spanish 201 (plus approved sequences)

## Computing, Methodology, Statistics

Computer Science 203, 215, Economics 311, General Studies 341, Management Information Systems 321

Archaeology 375, Geography 339, History 377, Political Science 399, Sociology 313.

One of the following four courses: Anthropology 307, Psychology 312, Sociology 311, Statistics 213

\* Some of these Bridging Courses involve prerequisites.

## Combined Degrees

### BA or BSc (Social Sciences)/BA or BSc (Social Sciences)

The program leads to the BSc and the BA degrees, two BSc degrees or two BA degrees and requires the completion of a minimum of 25 full-course equivalents. Students wishing to pursue this program must satisfy the admission requirements listed under "Faculty Regulations – Admissions". At the time of admission to the Faculty of Social Sciences, they may apply to the combined degree program and declare two Major Fields.

Graduation requirements are the same as those for a Degree with a Major Field or an Honours Degree with a Major Field (see above) except for the following:

1. Successful completion of an approved program equivalent to 25 full-course equivalents.
2. Successful completion of at least seven and not more than 10 full-course equivalents in the two Major fields.
3. At least one-half of the 25 full-course equivalents must be taken at the University of Calgary. Of these, a maximum of 10 full-course equivalents may be transferred to one of the degree programs. Half the courses counting towards each of the Majors must be taken at the University of Calgary.
4. The number of junior courses taken must not exceed eight full-course equivalents in total.

The program requires careful selection of courses to complete all requirements of the two Major fields. Interested students are urged to contact the Associate Dean (Student Affairs) for advice in choosing their first-year courses.

It will be possible for students to opt out of the combined degree program until the end of their third year and complete one degree program in four years. Students should note, however, that if courses have been unevenly distributed, more than four years may be required to complete the degree.

## Second Baccalaureate Degrees

### Second Baccalaureate Degree with a Major Field

Students who have received one or more approved undergraduate degrees (BA, BSc, BEd, etc.) may apply for admission to a Second Baccalaureate Degree program. The graduation requirements for a Second Degree are the same as those for a Degree with a Major field (see above) except for the following:

1. Up to 12 full-course equivalents counted towards any previous degrees may be counted towards the Second Degree. These will be the most recently completed 12 full-course equivalents that can be applied to the requirements of the Second Degree program.

2. Courses extra to previous degrees and so noted on transcripts may be counted towards the Second Degree in addition to those under (1), if completed before enrolling in the Second Degree program and if consistent with Faculty regulations.
3. Of all courses additional to those approved under (1), at least five full-course equivalents must be taken on this campus including at least four numbered 300 or higher in the Faculty of Social Sciences and including at least half of the minimum number required in the new Major field.
4. Students will not normally be admitted to a Second Degree program in any field in which they already possess a degree.

Upon application for admission to a Second Degree program, students will receive a detailed assessment of the requirements to be completed. For further information and advice, students should contact the Associate Dean (Student Affairs).

The Second Degree may be awarded "With Distinction" at the discretion of the Faculty if a GPA of at least 3.60 is achieved over the 15 full-course equivalents most recently completed. These will include courses extra to previous degrees as well as courses from the previous degrees. In cases in which the "last fifteen" must include some but not all of a group of courses taken concurrently, the selection will be made in the manner most advantageous to the student.

### Second Baccalaureate Degree with Honours in a Major Field

Students who have received one or more approved undergraduate degrees may apply for admission to a Second Degree program with Honours. Applicants for such a program are subject to the following requirements in addition to those specified above for Second Degrees with a Major field:

1. A minimum of eight of the additional full-course equivalents must be completed in four consecutive academic years.
2. The regulations governing program content and the standards of performance for the corresponding first degree with Honours must be satisfied. For First Class Honours the Faculty requires a GPA of at least 3.60 over the 15 full-course equivalents most recently completed. These will include courses extra to previous degrees as well as courses from the previous degrees. In cases in which the "last fifteen" must include some but not all of a group of courses taken concurrently, the selection will be made in the manner most advantageous to the student.
3. The consent of the Department must be obtained.

## Second Baccalaureate Degree with a Major Field or Honours in a Major Field in a Co-operative Education Program

Students who have received one or more approved undergraduate degrees may apply for admission to a Second Degree Co-operative Education program with a Major or Honours in Archaeology, Economics, Geography, History (Honours not available), Linguistics, Political Science, or Sociology. Application for admission to the Co-operative Education program must be made when the student applies for admission to the Second Degree program. Students who will have completed more than 14 full-course equivalents counting towards the Second Degree prior to their first Co-operative Education placement normally will not be admitted to the Co-operative Education program.

Applicants for such a program are subject to the requirements specified for Second Degrees with a Major field and/or with Honours in a Major field as well as those specified by the relevant Department. (Students should refer to the Co-operative Education section of this Calendar, as well as to the "Faculty Regulations - Graduation - Co-operative Education Program" in the Faculty of Social Sciences, for specific regulations pertaining to Co-operative Education programs. Departmental regulations are to be found in the Co-operative Education section for each Department.)

## Program Details

### Anthropology

#### Department Regulations

#### Degrees Offered

BA in Social and Cultural Anthropology

BA Honours in Social and Cultural Anthropology

BSc in Primatology

BSc Honours in Primatology

The Department of Anthropology offers instruction in Primatology and in Social and Cultural Anthropology. Students wishing to emphasize the Social Sciences and Humanities in their program should register for the BA degree. Those who wish to emphasize the Natural and Biological sciences should register for the BSc degree. Students contemplating majoring in the Department of Anthropology are advised to be familiar with the structure and content of programs given under "Faculty Regulations – Graduation."

## BA and BA Honours in Social and Cultural Anthropology

### Admission

See "Faculty Regulations – Admissions" above.

## Requirements

### BA in Social and Cultural Anthropology

The basic course work requirements for the BA in Anthropology with a focus on Social and Cultural Anthropology consist of seven full-course equivalents in Anthropology distributed as follows:

- Foundation courses: Anthropology 203, 365 and 411
- One and one-half full-course equivalents of theoretical courses selected from: Anthropology 303, 331, 337, 341, 357, 363, 367, 371, 375, 379, 383, 385, 387, 431, 461, 465, 473, 477, 481, 563, 567 and 583
- One full-course equivalent of ethnographic courses selected from: Anthropology 317, 319, 321, 323, 327, 335, 355, 419, 421, and 427
- Two and one-half full-course equivalents selected from among the remainder of the departmental offerings.

### BA Honours in Social and Cultural Anthropology

Honours programs in Anthropology offer students the opportunity to participate in more extensive studies than those undertaken by Majors. Entrance and continuation in an Honours program is contingent upon maintenance of at least a 3.30 cumulative GPA.

Normally, the program will consist of the Major program as above, plus Anthropology 402 which will include an Honours Essay and the addition of options to a maximum of 12 full-course equivalents in Anthropology which will be selected in consultation with the Department.

### Other Requirements

**Note:** *Students contemplating applying to enter a graduate program in Anthropology are advised, but not required to include among their electives Anthropology 307 or Statistics 333 (or equivalent), Anthropology 461, and 201 (if not otherwise included).*

## BSc or BSc Honours in Primatology

### Admission

See "Faculty Regulations – Admissions" above.

### Requirements

#### BSc in Primatology

The basic course work requirements for the BSc in Primatology consist of seven full-course equivalents in Anthropology distributed as follows:

- Anthropology 201 and 311.
- Archaeology 203.
- Statistics requirement (Anthropology 307 or Statistics 333).
- One full-course equivalent selected from: Anthropology 351, 353, 404, 435, 451, 457, 505, 552, 553, Archaeology 305, 417, 453, 493, 555, 595.

- Such additional Anthropology courses, selected with attention to the Area requirements, as are needed to complete a minimum of seven full-course equivalents in Anthropology.

For the purposes of this program, Archaeology 305, 417, 493, 555, and 595 are accepted by the Department as Anthropology courses. Students should ensure that they have the appropriate prerequisites for non-Department courses.

Normally, for the BA degree the total number of courses taken from Areas I and II must exceed the number taken from Area III. Conversely, for the BSc degree the number of courses taken from Area III must exceed the total from Areas I and II.

#### BSc Honours in Primatology

Honours programs in Anthropology offer students the opportunity to participate in more extensive studies than those undertaken by Majors. Entrance and continuation in an Honours program is contingent upon maintenance of at least a 3.30 cumulative GPA.

The requirements for the BSc Honours in Primatology are:

- Anthropology 201 and 311.
- Archaeology 203, 517 and Biology 231.
- One full-course equivalent of Statistics (one of either Anthropology 307 or Statistics 333, and one of either Biology 315 or another senior statistics course approved by the Department).
- One full-course equivalent of Area II Anthropology.
- A minimum of one and one-half full-course equivalents selected from: Anthropology 351, 353, 435, 451, 457, 505, 552 or 553.
- Anthropology 404 as an Honours Project (includes Honours Essay).
- Such additional Anthropology courses, selected with attention to the Area requirements as are needed to complete a minimum of eight and to a maximum of 12 full-course equivalents in Anthropology.

For the purposes of this program, Archaeology 305, 417, 453, 493, 555, and 595 are accepted by the Department as Anthropology courses to a maximum of one and one-half full-course equivalents.

### Other Requirements

Students enrolled in the BSc program are advised to be familiar with the structure and content of programs given under "Faculty Regulations – Graduation" of this Calendar, and to select their elective courses in Area III from the course offerings of Archaeology, Psychology, and Zoology.

Recommended options for those seeking graduate school entry: one full-course equivalent of Linguistics, one full-course equivalent of Computer Science, and one full-course equivalent of Archaeology.

## Archaeology

### Department Regulations

#### Degrees Offered

BA, BSc in Archaeology

BA, BSc Honours in Archaeology

BA, BSc and BA, BSc Honours in Archaeology Co-operative Education

Concentration in Physical Anthropology (BA, BSc and BA, BSc Honours)

The Department of Archaeology offers instruction in Archaeology, Physical Anthropology and Ethnology. Archaeology-related courses offered by other departments may, with the permission of the Archaeology Department, be accepted for credit towards the Major in an Archaeology program. In some instances the Department will permit credit by special assessment. Attention is called to the fact that the Department offers courses in Area III as well as Area II.

## BA, BSc in Archaeology

### Introduction

Students wishing to emphasize the Social Sciences and Humanities in their program should register for the BA degree; those who wish to emphasize the Natural and Biological Sciences should register for the BSc degree. The student is advised to be familiar with the structure and content of programs. Normally, for the BA degree the total number of courses taken from Areas I and II must exceed the number taken from Area III. Conversely, for the BSc degree the number of courses taken from Area III must exceed the total from Areas I and II.

### Admission

See "Faculty Regulations – Admissions" above.

### Requirements

#### BA and BSc Archaeology

The basic course requirements of the BA and BSc Archaeology programs are:

- Archaeology 201 and 203.
- One full-course equivalent from this list of ethnography courses: Anthropology 317, 319, 321, 323, 327, 331, 335, 355, 405, 419, 427, Archaeology 307, 345, 355, 357, 399, 419.
- One full-course equivalent from this list of regional prehistory courses: Archaeology 303, 341, 343, 351, 353, 395, 401, 409, 421, 423, 427, 431, 433, 553.
- One of Archaeology 415, 417, 471 and 555 and one of Archaeology 306, 311, 413, 415, 417, 453, 471, 517, 533 and 555.
- Archaeology 451.
- Such other courses as are needed to bring the number of Archaeology courses to not fewer than seven full-course equivalents and not more than 10 full-course equivalents.



**BA or BSc with a Concentration in Physical Anthropology**

The basic course requirements for the BA or BSc with a concentration in Physical Anthropology are:

- (a) Archaeology 201, 203, 305 and 555.
- (b) One full-course equivalent from this list of ethnography courses: Anthropology 317, 319, 321, 323, 327, 331, 335, 355, 405, 419, 427, Archaeology 307, 345, 355, 357, 399, 419.
- (c) One of Archaeology 415, 417, 471, 493, 533 and 595 and one of Archaeology 306, 311, 413, 453, and 517.
- (d) Biology 231. (**Note:** *Biology 30 and Chemistry 30 are prerequisites for this course.*)
- (e) One of Anthropology 311, 351 and 353.
- (f) Archaeology 451.
- (g) Such other Department courses as are needed to bring the number of Archaeology courses to not fewer than seven full-course equivalents and not more than 10 full-course equivalents. (For this purpose Anthropology 311, 351 and 353 are accepted by the Department as Archaeology courses.)

**BA, BSc Honours in Archaeology****Introduction**

The Archaeology Honours program permits students to select one of three possible degree pathways: the Honours BA, the Honours BSc, and the Honours BSc with a focus on Physical Anthropology.

**Admission**

The grade point average for admission to the Honours program and for remaining in it is 3.30. Late entry into the Honours program may require additional courses to correct deficiencies.

See also "Faculty Regulations – Admissions" above.

**Requirements****BA Honours in Archaeology**

Basic course work requirements for the Honours BA in Archaeology are:

- (a) Archaeology 201, 203, 451, 501 and 505.
- (b) One of Archaeology 415, 417, 471 and 555 and one of Archaeology 306, 311, 413, 415, 417, 453, 471, 517, 533 and 555.
- (c) One full-course equivalent from this list of ethnography courses: Anthropology 317, 319, 321, 323, 327, 331, 335, 355, 405, 419, 427, Archaeology 307, 345, 355, 357, 399, 419.
- (d) One and one-half full-course equivalents from this list of regional prehistory courses: Archaeology 303, 341, 343, 351, 353, 395, 401, 409, 421, 423, 427, 431, 433.

- (e) Either Geology 201/203 or both Geography 201 and Geography 307.
- (f) One full-course equivalent from the following:
  - (i) Linguistics 201 and 203
  - (ii) Computer Science 203 and 231 (or equivalents)
  - (iii) two half courses in a language other than English.
- (g) Satisfactory completion of a statistics course approved by the Department (Anthropology 307, Geography 339, 439, Psychology 312, Sociology 311, Statistics 213, 217) or demonstration of proficiency in statistics through examination by the Department.
- (h) Archaeology 596 or 598 (honours thesis).
- (i) Such other courses as are needed to bring the number of Archaeology courses to not fewer than eight full-course equivalents and not more than 12 full-course equivalents.

**BSc Honours in Archaeology**

Basic course work requirements for the BSc Honours in Archaeology are:

- (a) Archaeology 201, 203, 451, 501 and 505.
- (b) One of Archaeology 415, 417, 471 and 555 and one of Archaeology 306, 311, 413, 415, 417, 453, 471, 517, 533, 555 and 595.
- (c) One full-course equivalent from this list of ethnography courses: Anthropology 317, 319, 321, 323, 327, 335, 355, 419, 427, Archaeology 303, 341, 345, 355, 357, 399, 419.
- (d) One and one half full-course equivalents from this list of regional prehistory courses: Archaeology 303, 341, 343, 351, 353, 395, 401, 409, 421, 423, 427, 431, 433.
- (e) Either Geology 201/203 or both Geography 201 and Geography 307.
- (f) One full-course equivalent from the following:
  - (i) Linguistics 201 and 203
  - (ii) Computer Science 203 and 231 (or equivalents)
  - (iii) two half courses in a language other than English.
- (g) Satisfactory completion of a statistics course approved by the Department (Anthropology 307, Geography 339, 439, Psychology 312, Sociology 311/315, Statistics 213, 217) or demonstration of proficiency in statistics through examination by the Department.
- (h) Biology 231. (**Note:** *Biology 30 and Chemistry 30 are prerequisites for this course.*)
  - (i) One of Anthropology 311, 351, 353.
  - (j) Archaeology 596 or 598 (honours thesis).
- (k) Such other Department courses as are needed to bring the number of Archaeology courses to not fewer than eight full-course equivalents and not more than 12 full-course equivalents. (For this purpose, Anthropology 311, 351 and 353 are accepted by the Department as Archaeology courses.)

**BA or BSc Honours with a Concentration in Physical Anthropology**

Basic course work requirements for an Honours BA or BSc with a concentration in Physical Anthropology are:

- (a) Archaeology 201, 203, 305, 451 and 555.
- (b) One of Archaeology 415, 417, 471, 493 and 595 and one of Archaeology 306, 311, 413, 453 and 517.
- (c) One full-course equivalent from this list of ethnography courses: Anthropology 317, 319, 321, 323, 327, 331, 335, 355, 405, 419, 427, Archaeology 307, 345, 355, 357, 399, 419.
- (d) One full-course equivalent from this list of regional prehistory courses: Archaeology 303, 341, 343, 351, 353, 395, 401, 409, 421, 423, 427, 431, 433.
- (e) Either Geology 201/203 or both Geography 201 and Geography 307.
- (f) One full-course equivalent from the following:
  - (i) Linguistics 201 and 203
  - (ii) Computer Science 203 and 231 (or equivalents)
  - (iii) two half courses in a language other than English.
- (g) Satisfactory completion of a statistics course approved by the Department (Anthropology 307, Geography 339, 439, Psychology 312, Sociology 311/315, Statistics 213, 217) or demonstration of proficiency in statistics through examination by the Department.
- (h) Biology 231. (**Note:** *Biology 30 and Chemistry 30 are prerequisites for this course.*)
  - (i) One of Anthropology 311, 351, 353.
  - (j) Archaeology 596 or 598 (honours thesis).
- (k) Such other Department courses as are needed to bring the number of Archaeology courses to not fewer than eight full-course equivalents and not more than 12 full-course equivalents. (For this purpose, Anthropology 311, 351 and 353 are accepted by the Department as Archaeology courses.)

**Other Requirements**

A foreign language is recommended for Honours students, especially those considering graduate work in Archaeology. Successful completion of the Honours program provides a good foundation for graduate work in Archaeology, but does not automatically ensure admission to the graduate program.

It is strongly recommended that all Archaeology Majors, especially Honours students, take the field school courses (Archaeology 306, Archaeology 506) or a departmentally approved field school. Students must obtain approval from the Faculty of Social Sciences prior to attending a field school run by another university.

## Regulations

Graduation in Honours Archaeology requires a cumulative GPA of at least 3.30 over previous University of Calgary courses and courses taken at other institutions which are applicable towards the completion of degree requirements. Students who have entered the Honours program and subsequently find their grades to be borderline are warned to evaluate their position before entering their fourth year of studies in order to ensure graduation in one of the other types of programs.

## BA, BSc and BA, BSc Honours in Archaeology Co-operative Education Program

The Co-operative Education program in Archaeology is a five-year program which normally includes 16 months (but may include 20 months with Department and Faculty approval) of supervised work experience in various private and government agencies. Students who wish to enter the Archaeology Co-operative Education program are urged to discuss their pre-admission course selection with the Department of Archaeology and the Associate Dean (Student Affairs and Programs) as early in their program as possible.

## Admission

Students apply to Career Services by one of three application deadlines: May 1, September 1, or December 1.

Students must have declared an Archaeology Major, and have a grade point average of at least 2.70 overall in Archaeology, and all courses applicable to degree for the Co-operative Education BA or BSc program and 3.30 for the Co-operative Education BA or BSc Honours program at the time of application to the program, and must maintain that GPA to the time of their first Co-operative Education placements. In addition, at the time of their first Co-operative Education placements, all students must have successfully completed at least eight and normally no more than fourteen full-course equivalents appropriate to their degree program (including one full-course equivalent in Archaeology at the 200 level and at least two of Archaeology 306, 311, 375, 413, 415, 417, 471). Finally, students are strongly recommended to take Anthropology 307, Statistics 333, Computer Science 203, or Geography 339.

In addition to the Faculty and Department regulations governing Co-operative Education programs, the following regulations apply. A minimum grade point average of 2.70 must be maintained for continuation in the BA, BSc Archaeology Co-operative Education programs, and a grade point average of 3.30 must be maintained in the BA, BSc Honours Archaeology Co-operative Education programs.

Students should refer to the Co-operative Education section of this Calendar, as well as to Co-operative Education programs in the Social Sciences for specific regulations pertaining to Co-operative Education programs.

## Requirements

Students must complete the following four courses (work placements) in addition to the regular requirements for the BA, BSc and BA, BSc Honours Archaeology programs: Co-operative Education 551.01, 551.02, 551.03, and 551.04. A fifth Co-operative Education placement may be approved by the Department and Faculty. Students seeking this option are advised to discuss this with the Department of Archaeology as early in their program as possible.

## Sequence

In the Co-operative Education program, students will normally alternate academic sessions and Co-operative Education placements and must be registered full time. The Co-operative Education courses are in addition to the normal requirements for the BA, BA Honours, BSc, or BSc Honours programs in Archaeology. Students must complete the same required courses and number of courses as required for a student completing the traditional BA, BA Honours, BSc, or BSc Honours degree programs. Upon completion of each work term, the student must present a work term report to the Department Head and attend an Integrative Session.

The first four-month Co-operative Education placement (Co-operative Education 551.01) is normally taken in the session immediately following the session in which the student is admitted to the Co-operative Education program. The remaining four-month Co-operative Education placements are taken in alternating sequence with the student's remaining academic sessions. (Note that additional Faculty requirements apply.)

## Economics

### Department Regulations

#### Degrees Offered

BA in Economics

BA Honours in Economics

BA, BA Honours in Economics Co-operative Education

BA in Economics and Society

Minor/Concentration in Applied Energy Economics

The Department of Economics offers instruction in the field of Economics only.

Students are urged to seek departmental advice from faculty advisors in the selection of courses. Many 300-level courses have an Economics 201/203 or consent of Department prerequisite. Economics 301/357, 387/389 and 303/359 are important prerequisites for some 400- and 500-level courses, especially those in the Honours program.

## BA in Economics

### Introduction

The BA in Economics is recommended for students planning careers which require economic analysis.

### Admission

#### Frosh Admission to Economics

In addition to meeting requirements for admission to the Faculty of Social Sciences (see above), frosh applicants should note that all programs offered by the Department of Economics have a fixed number of places for students. For any given program, whenever demand exceeds capacity enrollment will be limited and students will be admitted on a competitive basis.

### Admission for Continuing and Transfer Students

In addition to meeting the requirements for admission to the Faculty of Social Sciences, students transferring from other faculties and institutions must meet the competitive admission requirements in place for this program. Students who have already been admitted to the Faculty of Social Sciences but are applying to change their program to Economics or Economics and Society must also meet the competitive admission requirements. All applicants should note that all programs offered by the Department of Economics have a fixed number of places for students. Spring and Summer Session courses taken after May 1 in the year of application will not count towards determining admissibility.

### Requirements

Students majoring in Economics must take seven to ten full-course equivalents in Economics. Of these courses, the following are mandatory: Economics 201 and 203; 301 and 357; 303 and 359; and 315. In addition, two full-course equivalents must be taken from the 400- or 500-level Economics courses which have one of Economics 301, 303, 357 or 359 as a prerequisite. Mathematics 249 or 251 and Statistics 213, or equivalent, are also required for Economics Majors.

Students majoring in Economics are strongly advised to take Mathematics 211.

For program advice on recommended courses outside the Department, students are strongly encouraged to consult the Explicit Syllabus of the Department of Economics at <http://econ.ucalgary.ca/programs/undergrad/es.htm>.

### Sequence

In organizing their programs, students may find the following advice concerning sequencing useful. In the first year, it is recommended that students take Economics 201 and 203; Mathematics 211, Mathematics 249 or 251; plus three other full-course equivalents. In the first or second year it is

recommended that students take Statistics 213. In the second and third years, it is recommended that students take at least four full-course equivalents in Economics, of which two should be Economics 301, 303, 357 and 359. In the fourth year, students should take two to five full-course equivalents in Economics, of which it is recommended that at least two be from the 400- or 500-level Economics courses which have one of Economics 301, 303, 357 or 359 as a prerequisite.

### Other Requirements

Students majoring in Economics should keep in mind that they must also satisfy Faculty requirements concerning areas and general distribution of courses. These requirements are found under "Faculty Regulations – Graduation."

Students contemplating graduate work should consult the Department in the selection of courses. Graduate programs and requirements in Economics are described in the Graduate Studies calendar.

Students should note that Double Majors involving Economics and other fields, both inside and outside the Faculty, are possible. Before applying to the Associate Dean (Student Affairs) of the Faculty of Social Sciences for permission to do a Double Major, students should consult the Department Head.

*Note: Students may be able to obtain credit by special assessment for Mathematics 211, 249 or 251. See the Mathematics and Statistics section of the Faculty of Science portion of this Calendar.*

## BA Honours in Economics

### Introduction

The BA Honours program is recommended for students planning to pursue a graduate degree in economics and for those who seek an enriched understanding of the subject at the undergraduate level.

### Admission

Students entering an Honours program are normally governed by the program regulations set out in the Calendar for the year in which they enter; however, if they so wish students may elect to complete their program under any revised regulations which may be introduced.

See also "Faculty Regulations – Admissions" above.

### Requirements

Students in the Honours program are normally required to take ten to twelve full-course equivalents in Economics. With the approval of the Department and the Associate Dean (Student Affairs and Programs), as few as eight full-course equivalents in Economics plus an acceptable Minor or concentration of at least three full-course equivalents may be used to satisfy this requirement. Of those courses taken in

Economics, the following are mandatory: Economics 201, 203, 301, 303, 315, 357, 359, 387, 389, 419, 557 and 559. In addition, one and one-half full-course equivalents must be taken from the 400- and 500-level Economics courses which have one of Economics 301, 303, 357 or 359 as a prerequisite.

The following courses outside the Department are required for Honours in Economics: Mathematics 211, Mathematics 249 or 251, Statistics 213.

It is suggested that Honours students in Economics include the following courses in their program: Economics 311, 471 and 483.

### Sequence

In organizing their program, students may find the following advice concerning sequencing useful. In the first year, students should take Economics 201 and 203; Mathematics 211, Mathematics 249 or 251; plus three other full-course equivalents. In the first or second year it is recommended that students take Statistics 213. In the second and third years, it is recommended that students take five to seven full-course equivalents in Economics, which should include Economics 301, 303, 315, 357, 359, 387, 389 and 419. In the fourth year, students should take a minimum of two and one-half full-course equivalents in Economics, which should include Economics 557 and 559. At least one and one-half full-course equivalents should be from the 400- and 500-level Economics courses which have one of Economics 301, 303, 357 or 359 as a prerequisite. In special circumstances Honours students may be given departmental permission to take Mathematics 211 as a corequisite rather than prerequisite to Economics 387.

### Other Requirements

Honours students in Economics should keep in mind that they must satisfy requirements under "Faculty Regulations – Graduation - Honours Degrees with a Major Field."

Students contemplating entering the Honours program, and students in the Honours program, should consult closely with the Department regarding their choice of courses. Such consultation will help students select Economics courses most closely related to their interests and to supplement these with appropriate courses outside the Department.

*Note: Students may be able to obtain credit by special assessment for Mathematics 211, 249 or 251. See the Mathematics and Statistics section of the Faculty of Science portion of this Calendar.*

### Regulations

Students completing an Honours program must have a 3.00 grade point average over all University work and over all Economics courses.

## BA and BA Honours in Economics Co-operative Education Program

### Introduction

The Economics Co-operative Education program is a five-year program which normally includes 16 months (but may include 20 months with Department and Faculty approval) of supervised work experience in various private and governmental agencies.

### Admission

Students who wish to enter the Economics Co-operative Education program are urged to discuss their pre-admission course selection with the Department of Economics and the Associate Dean (Student Affairs) as early in their program as possible.

Students apply to Career Services by one of three application deadlines: May 1, September 1, or December 1.

Students must have a grade point average of at least 2.70 in courses applicable to the degree for the Co-operative Education BA program and 3.00 for the Co-operative Education BA Honours program at the time of application to the program, and must maintain that grade point average to the time of their first Co-operative Education placements. In addition, at the time of their first Co-operative Education placements, students must have successfully completed at least eight and normally no more than fourteen full-course equivalents appropriate to their degree program including Economics 201, 203, 301 and 303. Students are strongly recommended to take Economics 387 and 389 and Computer Science 203 or 215 or Economics 311 or a similar course demonstrating computer skills before entering the Co-operative Education program.

See also "Faculty Regulations – Admissions" above.

### Requirements

Students must complete the following four courses (work placements) in addition to the regular requirements for the BA or BA Honours Economics degree program: Co-operative Education 551.01, 551.02, 551.03, 551.04.

A fifth Co-operative Education placement may be approved by the Department and Faculty. Students seeking this option are advised to discuss this with the Department of Economics as early in their program as possible.

### Sequence

In the Co-operative Education program students will normally alternate academic sessions and Co-operative Education placements and must be registered full time. The Co-operative Education courses are in addition to the normal requirements for the BA or BA Honours degree program in

Economics. Students must complete the same required courses and number of courses as required for a student completing the traditional BA or BA Honours degree program. Upon completion of each work term, the student must present a work term report to the Department Head and attend an Integrative Session.

The first four-month Co-operative Education placement (Co-operative Education 551.01) is normally taken in the session immediately following the session in which the student is admitted to the Co-operative Education program. The remaining four-month Co-operative Educational placements are taken in alternating sequence with the student's remaining academic sessions. (Note that additional Faculty requirements apply.)

### Regulations

Students should refer to the Co-operative Education section of this Calendar, as well as to "Faculty Regulations - Graduation - Co-operative Education Program" in the Social Sciences for specific regulations pertaining to Co-operative Education programs.

In addition to the Faculty and Departmental regulations governing Honours and Majors programs and the regulations governing Co-operative Education programs, students must maintain a minimum grade point average of 2.70 in the BA program.

## BA in Economics and Society

### Introduction

The BA in Economics and Society is well-suited for students wishing to combine their study of economics with a broad range of electives in economics and other subjects. It is recommended for students interested in pursuing study in professional graduate programs such as law, business, public administration, or international relations.

### Admission

See "Faculty Regulations – Frosh Admission" as well as "Economic Regulations – Admission for Continuing and Transfer Students".

### Requirements

Students majoring in Economics and Society must take seven to ten full-course equivalents in Economics. The basic course requirements for the BA in Economics and Society are:

- Economics 201 and 203
- Statistics 217 or Economics 315
- Economics 309 or both Economics 301 and 357
- Economics 313 or both Economics 303 and 359

### Other Requirements

Students contemplating graduate work in Economics are advised to pursue the BA Major in Economics or BA Honours in

Economics, instead of the BA in Economics and Society.

Students majoring in Economics and Society are strongly urged to consider taking a minor from a related field, such as the Minor in Management and Society or a Minor in a related Social Science such as Anthropology, Geography, History, Political Science, Psychology or Sociology, but a Minor in Economics is not permitted.

Students should note that Double Majors involving Economics and Society and other fields are possible. Students contemplating a Double Major should consult with the Head of the Department of Economics.

Students majoring in Economics and Society should keep in mind that they must also satisfy Faculty requirements concerning areas and general distribution of courses. The requirements are found in the Faculty of Social Sciences section of this Calendar.

### Regulations

Students majoring in Economics and Society are not eligible for the Co-operative Education program in Economics.

A Double Major in Economics and Society and Economics is not permissible. Nor is a Combined Degree, or Second Baccalaureate Degree, combining a Major in Economics and Society and Economics.

Students with a Major in Economics and Society may not take a Concentration in Applied Energy Economics, nor a Minor in Applied Energy Economics.

## Minor/ Concentration in Applied Energy Economics

A program in Applied Energy Economics is offered in cooperation with the Canadian Energy Research Institute (CERI), an internationally respected research institute specializing in all aspects of energy economics. The program is available as a Minor for non-Economics Majors or as a Concentration for Economics Majors. Students should contact the Student Advisors in Economics as early as possible for advice on the program. Application for admission should be made by June 1 to the Faculty of Social Sciences. Details of the Applied Energy Economics program are listed under "Collaborative Programs" in the Social Sciences section of this Calendar.

## Society of Undergraduates in Economics

The Society of Undergraduates in Economics, through its relationship with the Department of Economics, provides an important liaison between students and staff. Economics Majors (and first year students who expect to select Economics as their Major field) are encouraged to join the society and actively promote its activities.

## Geography

### Department Regulations

#### Degrees Offered

- BA, BSc in Geography
- BA, BSc Honours in Geography
- BA, BSc and BA, BSc Honours in Geography Co-operative Education
- BSc in Earth Science
- BSc in Environmental Science (Concentration in Geography and Social Sciences)
- Minor in Transportation Science

The Department of Geography offers instruction in the field of Geography. Faculty requirements concerning Areas and the required distribution of courses are to be found under "Faculty Regulations – Course Work - Course Classification."

## BA, BSc and BA, BSc Honours in Geography

### Admission

Students planning to Major or Minor in Geography should take Geography 201 and 203, and consult with the corresponding BA or BSc Departmental Advisor.

See also "Faculty Regulations – Admissions" above.

Students intending to apply to the Honours program must satisfy the requirements outlined under "Faculty Regulations - Graduation - Honours Degrees with a Major Field"; additionally, admission to and continuation in the Honours program requires a grade point average of at least 3.30 in all Geography courses. Students interested in the Honours program should notify the Department as early as possible.

### Requirements

#### BA, BSc in Geography

Students wishing to emphasize the social sciences and humanities in their programs should register in the BA degree; those who wish to emphasize the biological and natural sciences should register in the BSc degree. Normally, for the BA degree the total number of courses taken from Areas I and II must exceed the number taken from Area III. Conversely, for the BSc degree the number of courses taken from Area III must exceed the total number of courses taken from Areas I and II.

A core program is required of all Geography majors in the BA and BSc programs; it consists of five full-course equivalents:

- Geography 201 and 203
- Two of Geography 305, 307, 313
- Two of Geography 321, 341, 351, 365, 367
- BA students must take Geography 333 or 339. BSc students are required to take Geography 339 and are strongly advised to take Geography 333.

- (v) Two of Geography 371, 377, 379, 381, 383, 387, 389, 425, 557, normally including 381
- (vi) Geography 591

In addition to the core program, all Majors are required to take at least four half courses in Geography at the 400/500 levels, preferably selected from one or two of the course groupings listed in table format under Courses of Instruction - Geography.

The program is decided by the student and the Geography Undergraduate Coordinator/Advisors, and is based on the common core program required for all students working toward the BA or BSc degrees in combination with one or two of the course groupings listed in table format under Courses of Instruction - Geography.

Students are strongly advised to register in 300-level courses in their second year, and proceed to 400- and 500-level courses in their third and fourth years.

Students planning to pursue graduate studies in Geography are advised to take Geography 339 and 447.

Required courses from other departments include:

- (i) One of Communications Studies 361, 363, Science 311.
- (ii) BSc candidates: Two of: Biology 205, 231, 233 (Note that credit cannot be given for both Biology 205 and 231), Chemistry 201, 203, Computer Science 203, 215, Geology 201, 203, 209 (Note that credit cannot be given for both Geology 201 and 209), Physics 211, 221, 223. **Note:** Some of these courses have particular requirements for high school courses in addition to those required for entry into the Social Sciences Faculty. Please consult the course listing in this Calendar.
- (iii) BA candidates: Two of Anthropology 203, Archaeology 205, Economics 201, 203, History - select from junior-level courses, Political Science 201, 279, 283, Sociology 201.

### BA, BSc Honours in Geography

The Honours program provides enhanced

- Understanding of Geography
- Competencies in field work techniques, research methods, and presentation skills
- Preparation for entry to advanced degree programs

The program requires completion of 10 full-course equivalents and allows completion of up to 12 full-course equivalents in Geography, and at least two full-course equivalents in a closely related field. Candidates must complete the requirements for the BA, BSc in Geography specified above. Additional program requirements include: one half-course equivalent selected from Illustrative Undergraduate Course Groupings - Techniques and Methodology, in the Geography section of the Courses of Instruction (**Note:** *This is in addition to the*

*requirement specified in item (iv) of the core program*); plus completion of an Honours paper (BA students register in 597.97, BSc students register in 599.99). Papers will be presented orally at the Consolidation Seminar - Geography 591, or other appropriate public venue.

Candidates must satisfy the requirements outlined under "Faculty Regulations - Graduation - Honours Degrees with a Major Field."

## BA, BSc and BA, BSc Honours in Geography Co-operative Education Program

### Introduction

The Geography Co-operative Education program is a five-year program which normally includes 16 months (but may include 20 months with Department and Faculty approval) of supervised work experience in various private and governmental agencies.

### Admission

Students who wish to enter the Geography Co-operative Education program are urged to discuss their pre-admission course selection with the Department of Geography and the Associate Dean (Student Affairs) as early in their program as possible.

Students apply to Career Services by one of three application deadlines: May 1, September 1, or December 1.

Students must have declared a Geography Major, and have a grade point average of at least 3.00 over all Geography courses, and at least 2.70 for all courses applicable to degree for the Co-operative Education BA or BSc program at the time of application to the program, and must maintain these GPA standards to the time of their first Co-operative Education placements. Honours candidates must have declared a Geography Major, and have a grade point average of at least 3.30 over all Geography courses, and at least 3.00 for all courses applicable to degree for the Co-operative Education BA or BSc Honours program at the time of application to the program, and must maintain these GPA standards to the time of their first Co-operative Education placements. In addition, at the time of their first Co-operative Education placements, all students must have successfully completed at least eight and normally no more than fourteen full-course equivalents appropriate to their degree program, including Geography 201/203 and one half course from item (iv) in the core. BSc and BSc Honours students must have successfully completed at least one half course from item (ii) in the core; BA and BA Honours students must have successfully completed one half course from item (iii) in the core.

### Requirements

Students must complete the following four courses (work placements) in addition to the

regular requirements for the BA or BA Honours, BSc, or BSc Honours Geography degree program: Co-operative Education 551.01, 551.02, 551.03, 551.04. A fifth Co-operative Education placement may be approved by the Department and Faculty. Students seeking this option are advised to discuss this with the Department of Geography as early in their program as possible.

In addition to the Faculty and Departmental regulations governing the Honours and Majors programs, and the regulations governing Co-operative Education programs, the grade point average standards for admission must be maintained throughout the Geography Co-operative Education Program.

### Sequence

In the Co-operative Education program, students will normally alternate academic sessions and Co-operative Education placements and must be registered full time. The Co-operative Education courses are in addition to the normal requirements for the BA or BA Honours, BSc or BSc Honours degree program in Geography. Students must complete the same required courses and number of courses as required for a student completing the traditional BA or BA Honours, BSc or BSc Honours degree program. Upon completion of each work term, the student must present a work term report to the Coop Program Coordinator and attend an Integrative Session.

The first four-month Co-operative Education placement (Co-operative Education 551.01) is normally taken in the session immediately following the session in which the student is admitted to the Co-operative Education program. The remaining four-month Co-operative Education placements are taken in alternating sequence with the student's remaining academic sessions. (Note that additional Faculty requirements apply.)

### Regulations

Students should refer to the Co-operative Education section of this Calendar, as well as to "Faculty Regulations - Graduation - Co-operative Education Program" in the Social Sciences for specific regulations pertaining to Co-operative Education programs.

## BSc in Earth Science (Collaborative Program)

The BSc in Earth Science is a single degree, four year, multidisciplinary program taught by the Faculties of Science and Social Sciences. The Department of Geology and Geophysics and the Department of Geography administer the program in the respective faculties. Students considering this program must contact the Earth Science advisor in either Department as early as possible for advice regarding their program. **Program details are listed in the Collaborative Programs section of this Calendar.**

## BSc in Environmental Science (Collaborative Program)

Students may pursue a BSc program in Environmental Science with a concentration in Geography and Social Sciences. This is an interdisciplinary program taught by the Faculties of Science and Social Sciences. Students considering this program should contact the program coordinator as early as possible for information regarding admission and program requirements. **Program details are listed in the Collaborative Programs section of this Calendar.**

## Minor in Transportation Science (Collaborative Program)

This is an interdisciplinary minor program offered by the Transportation Theme School, which includes elements from the Faculty of Social Sciences in collaboration with the Faculty of Engineering and the Van Horne Institute. Students considering this program should contact the Transportation Science advisor for the Faculty of Social Sciences as early as possible for advice regarding their program. **Program details are listed in the Collaborative Programs section of this Calendar.**

## Departmental Conference

All Majors and especially Honours students are encouraged to attend the Departmental Conference, a series of presentations taking place at a special day-long event, usually held in March.

## Credit by Special Assessment

Students desiring credit by special assessment should consult with the Department.

## History

### Department Regulations

#### Degrees Offered

BA in History

BA Honours in History

BA in History and Philosophy of Science

BA in History Co-operative Education

BA in Ancient and Medieval History

BA Honours in Ancient and Medieval History

The Department of History offers instruction in a broad variety of historical fields.

## BA in History

### Introduction

All students considering History are advised to take two half courses at the 200 level in History. Students will be made familiar with the methods, approaches and background

necessary for senior level courses.

The Department has a number of undergraduate advisors who will be available to consult with students about their program.

### Admission

See "Faculty Regulations – Admissions" above.

### Requirements

#### BA in History

History majors must fulfill the following requirements.

Successful completion of seven to 10 full-course equivalents in History. These courses must include: at least one full-course equivalent at the 500 level (History 591 may not be used to fulfill this requirement without the prior written consent of the Department); and one full-course equivalent in Canadian History. Students may select a maximum of one full-course equivalent from Greek and Roman Studies 337, 339, 345, 347, and 349. The Department recommends that all History majors complete one full-course equivalent at the 200 level.

**Note: Students are strongly advised not to wait until their last year to fulfill their 500-level course requirement, since enrollment in these courses is limited.**

Successful completion of a primary area of concentration (at least three full-course equivalents), and a secondary area (at least one and one-half full-course equivalents). Students will normally select these areas of concentration from the following: Canada, Europe, Latin America, Military-Diplomatic, United States, and World (including Asia and Africa), and Religious. See table "Areas of Concentration in History."

## BA Honours in History

### Introduction

The BA Honours in History aims at providing a substantial foundation in historical studies within the context of a broad liberal arts education, and should be of particular value to anyone seeking a deeper understanding of the historical method before they begin further study in fields such as education, law, journalism, public administration, or graduate studies in history itself.

### Admission

Students intending to apply to the Honours program must satisfy the general Faculty requirements; additionally students must have completed at least one half-course equivalent in History to enter the program. Students must maintain at least a 3.00 grade point average to remain in the program. The course selection must be approved annually by the Honours Advisor who will advise anyone who might be interested in joining the program.

See also "Faculty Regulations – Admissions" above.

### Requirements

Students must take at least eight full-course equivalents in History, but not more than twelve. Students must complete all the requirements for the major. They will be required to take History 498, Historical Methods and Philosophies of History, which will deal predominantly with differing interpretations, theories and philosophies of History. Also in the third year of their program, Honours students will be required to take a directed reading course (History 596) in their special field of interest.

In their final year they will write an Honours Essay (History 598) using primary source materials, under the supervision of one of the members of the Department. In addition, they will be required to demonstrate, either by examination or by course work, competence in reading an appropriate language other than English. Students who opt for course work must obtain a minimum grade of "C" in four half courses in a language relevant to their studies.

## BA in History Co-operative Education Program

### Introduction

The History Co-operative Education program is a five-year program which normally includes 16 months (but may include 20 months with Departmental and Faculty approval) of supervised work experience in various private and governmental agencies.

### Admission

Students who wish to enter the History Co-operative Education program are urged to discuss their pre-admission course selection with the Department of History and the Associate Dean (Student Affairs) as early in their program as possible.

Students apply to Career Services by one of three application deadlines: May 1, September 1, or December 1.

Applicants must have declared a History major and have a minimum grade point average of 2.70 on courses applicable to the degree for the Co-operative Education BA program at the time of application to the program, and must maintain that grade point average to the time of the first Co-operative Education placement. (Note: BA Honours students in History cannot participate in the Co-operative Education program in History.) At the time of their first Co-operative Education placement, students must have successfully completed at least eight and normally no more than 14 full-course equivalents appropriate to their degree program (including at least two full-course equivalents in History at the 300 level). Finally, students are strongly recommended to take Computer Science 203 and Political Science 321.

### Requirements

Students must complete the following four courses (work placements) in addition to the regular requirements for the BA History

degree program: Co-operative Education 551.01, 551.02, 551.03, 551.04. A fifth Co-operative Education placement may be approved by the Department and Faculty. Students seeking this option are advised to discuss with the Department of History as early in their program as possible.

## Sequence

In the Co-operative Education program students will normally alternate academic sessions and Co-operative Education placements and must be registered full time. The Co-operative Education courses are in addition to the normal requirements for the BA degree program in History. Students must complete the same required courses and number of courses as mandated for a student completing the traditional BA program. Upon completion of each work term, the student must present a work term report to the Department Head and attend an Integrative Session.

The first four-month Co-operative Education placement (Co-operative Education 551.01) is normally taken in the session immediately following the session in which the student is admitted to the Co-operative Education program. The remaining four-month Co-operative Education placements are taken in alternating sequence with the student's remaining academic sessions. (Note that additional Faculty requirements apply.)

## Regulations

Students should refer to the Co-operative Education section of this Calendar, as well as to "Faculty Regulations - Graduation - Co-operative Education Program" in the Social Sciences, for specific regulations pertaining

to Co-operative Education programs.

In addition to the Faculty and Department regulations governing Co-operative Education programs, the following regulations apply. A minimum grade point average of 2.70 must be maintained for continuation in the BA History Co-operative Education program.

## BA in Ancient and Medieval History

### Introduction

A Major in Ancient and Medieval History is offered jointly by the Department of History and the Department of Greek and Roman Studies. Students may register for this Major in either the Faculty of Social Sciences or the Faculty of Humanities. For the major, courses constituting the field of Ancient and Medieval History include all of those listed below in "Requirements" 1. through 4.

### Admission

See "Faculty Regulations – Admissions" above.

### Requirements

*Note: History 201 and Greek and Roman Studies 205 are recommended first-year courses.*

1. All of Greek and Roman Studies 341, 345, 347; History 319, 321, 323. This requirement constitutes the core program.
2. At least one full-course equivalent from History 325, 423, 505.
3. At least one full-course equivalent from Greek and Roman Studies 415, 417, 419.

4. Courses from the following list, sufficient to bring the total number of required courses in the field to eight full-course equivalents: History 371, 421.01, 474; Religious Studies 301, 383, 385, 387; Greek and Roman Studies 335, 337, 339, 349, 413, 421, 423, 425; or appropriate special topic/directed reading courses.

### Regulations

Students in this program may not take a Minor or second Major in History or in Greek and Roman Studies; Minors in Greek and Latin are permitted. There is no Minor program in Ancient and Medieval History.

## BA Honours in Ancient and Medieval History

An Honours program in Ancient and Medieval History is offered jointly by the Department of History and the Department of Greek and Roman Studies. Students may register for the Honours program in either the Faculty of Social Sciences or the Faculty of Humanities. The Honours admission and graduation requirements are those for the BA Honours in History and the BA Honours in Greek and Roman Studies respectively. For the Honours program, courses constituting the field of Ancient and Medieval History include all of those listed in 2. (a) through 2. (f) below. The requirements for the Honours program are:

*Note:* History 201, Greek and Roman Studies 205, and Latin 201, 203 are recommended first-year courses.

1. Language requirement: Two full-course equivalents in Latin.

## Areas of Concentration in History

Canada	Europe	Latin America	Military-Diplomatic	United States	World (including Asia and Africa)	Religious
HTST 211 and HTST 213 are required for all Majors declaring Canadian History as their primary area of concentration. 211, 213	201	207*		207*	205, 209	
337, 343, 345, 347, 349*, 351, 353, 357*, 369*	319, 321, 323, 325*, 327, 329, 331, 333, 334, 335, 336, 338, 371*, 373*, 375*, 387	365, 367, 391	349*, 379, 381, 383	357*, 359, 361, 465.01, 465.02, 465.03	301, 303, 305, 307, 309, 311, 315, 317, 389, 391	325*, 371*, 373*, 375*
431, 433, 435*, 437, 439.01, 439.02, 441, 445, 447, 449, 451, 453, 455, 457*, 475	411.01, 411.02, 413.01, 413.02, 415*, 417, 419, 421.01, 421.02, 423, 427, 473, 474, 477.01, 477.02, 488*, 495	415*, 467.01, 467.02, 469, 471*, 487, 499	431*, 471*, 483, 485, 488*, 489, 490, 491.01, 491.02, 492	457*, 459, 461*, 463	401, 403, 405, 407.01, 407.02, 407.03, 488, 472, 497	336, 435*, 461*
519, 521, 523, 525, 527*, 529, 531, 533, 538, 551	502, 505*, 509*, 511.01, 511.02, 513, 515, 517, 541*	553, 565, 569	527*, 543, 545	535, 537*, 567, 583	501*, 503	501*, 505*, 509*, 537*, 541*, 571

\* Denotes courses that appear in more than one area of concentration. Students can only apply these courses to *one* area of concentration.

## 2. Field requirements:

- (a) All of Greek and Roman Studies 341, 345, 347, History 319, 321, 323, 498. This requirement constitutes the core program.
- (b) At least one full-course equivalent from History 325, 423, 505.
- (c) At least one full-course equivalent from Greek and Roman Studies 415, 417, 419.
- (d) Full-course equivalent in directed readings (History 596).
- (e) Full-course equivalent in thesis work (History 598).
- (f) Courses from the following list, sufficient to bring the total number of required courses in the field to eight full-course equivalents: History 325, 371, 421.01, 425, 474; Greek and Roman Studies 335, 337, 339, 349, 413, 421, 423, 425; Latin 413; Humanities 405; Religious Studies 301, 383, 385, 387; or appropriate seminar/directed reading courses.

Students in the Major or Honours program may not take a Minor or second Major in History or in Greek and Roman Studies; Minors in Greek and Latin are permitted. There is no Minor program in Ancient and Medieval History. Students considering the Major or Honours program should consult the Program Coordinator.

## BA in History and Philosophy of Science

The major in History and Philosophy of Science is offered jointly by the Department of History and the Department of Philosophy. An Honours BA is also available. Students may register for this major in either the Faculty of Social Sciences or the Faculty of Humanities. Students are subject to all graduation regulations of the Faculty in which they are registered except where otherwise specified.

Students wishing to enroll in this program should consult the program advisor or a departmental undergraduate advisor.

A minor in History and Philosophy of Science is also offered.

Program details are listed in the Faculty of Humanities section of this Calendar.

## Minor in History

A minor in History consists of five to six full-course equivalents in History, of which a minimum of one and one-half full-course equivalents must be in an area of concentration. One half course, whether or not in this area, must be at the 400 or 500 level. Students may select a maximum of one half-course equivalent from Greek and Roman Studies 337, 339, 345, 347, and 349. Please see the Areas of Concentration chart for a listing of choices.

## International Indigenous Studies

### BA in International Indigenous Studies

#### Introduction

The Faculty of Social Sciences offers an interdisciplinary major in International Indigenous Studies. From the outset, students must carefully select their courses to meet the requirements of this degree. Students should consult with the Director of the International Indigenous Studies program before selecting courses. Entry to the program in the first year is recommended. A minor in Indigenous Studies also exists.

#### Admission

See "Faculty Regulations – Admissions" above. In addition to the requirements below, all students are required to meet the Faculty's admission requirements.

Admission is capped. Because a mix of Indigenous and non-Indigenous students is essential if the program is to be successful in meeting its academic objectives, categories for admission have been established. Within each category, admission is in order of academic merit. The categories, and the percentage of admissions allocated to each, are: 1. Outstanding Academic Merit (60%); 2.(a) Transfer students from Member Colleges of the First Nations Adult and Higher Education Consortium (FNAHEC) (13.33%); 2.(b) Other Canadian Indigenous students (16.67%); and 2.(c) International Indigenous students (10%).

Any students who are not admitted under one category will automatically be considered under any other category for which they are eligible. Students entering in category 2.(a) must have a minimum of 5 full-course equivalent transfer credits from the FNAHEC member college and must have a minimum grade point average of 2.00.

Canadian Indigenous students are persons who meet the definition of "aboriginal student" contained in the University of

Calgary Aboriginal Student Policy. International Indigenous students are persons who are members of an Indigenous population outside of Canada and who, at the time of application to the program, are required to have a study permit to study in Canada.

#### Requirements

##### Courses in the Major Field

Courses comprising the major field of study in International Indigenous Studies are those courses listed below under Core Courses, plus those found below in List A and List B.

##### Sequence and Credit Value

Students should pay close attention to Calendar notations pertaining to quarter courses (designated by a Q) and when they are offered, as some are offered only in Block Week or in Spring or Summer Session. Indigenous Studies courses at the 200 level should be taken before second year, if at all possible. Indigenous Studies 407 and University 501 are normally taken in the final year.

#### BA in International Indigenous Studies

1. Core Courses (Required): A minimum of nine full-course equivalents in the major field as follows:
  - Anthropology 337, Development Studies 201, Indigenous Studies 201, 203 (Social Work 203), 205 (Social Work 205), 213, 215, 217, 311, 313, 407, Native Languages 205, and Canadian Studies 311 or History 345.
2. In addition to the core courses, students must complete a minimum of four full-course equivalents from the major field including:
  - (a) Canadian Content – two full-course equivalents from List A
  - (b) International Content – two full-course equivalents from List B
  - (c) Northern and Circumpolar Content: one full-course equivalent selected from Anthropology 335, Art History 369, Development Studies 393, Northern

#### List A: Courses with Canadian Focus

Anthropology 213  
 Archaeology 419, 423  
 Canadian Studies 309, 311, 313, 315, 351, 415, 417  
 English 385  
 Geography 599.60  
 History 345, 447, 529  
 Linguistics 215  
 Indigenous Studies 397  
 Northern Planning and Development Studies 401  
 Sociology 307, 475 (where appropriate)  
 Social Work 503, 505, 507  
 University 501

#### List B: Courses with International Focus

Anthropology 319, 321, 335, 337, 355, 405, 421, 465  
 Archaeology 341, 343, 345, 351, 353, 355, 357, 421, 427, 431, 433, 553  
 Art History 311, 367, 369  
 Development Studies 201, 393, 485  
 Economics 337  
 History 303, 401, 439, 467.01, 467.02  
 Indigenous Studies 341, 399  
 Latin American Studies 201  
 Linguistics 531  
 Political Science 279, 323, 371, 423, 471, 473, 579, 597.60  
 Psychology 491



Planning and Development Studies 401, Political Science 323, Canadian Studies 309, and History 447 or Political Science 423.

- (d) Indigenous Arts and Humanities  
Content: one half-course equivalent selected from Art History 311, 367, 369, Canadian Studies 313, 351, and 415 or English 385.

- (e) One full-course equivalent at the 400 level or above.

**Note:** *Requirements 2. (c), (d) and (e) above can be met from Lists A and B.*

### 3. Other Requirements:

In addition to the courses taken to satisfy requirements 1. and 2. above, students must complete the following:

- (a) Non-Indigenous Arts and Humanities Content: one full-course equivalent from Area I.

Note that none of the courses listed under 2.(d) above may be used to satisfy requirement 3.(a).

- (b) Science Content: two full-course equivalents from Area III.

Please see the chart at the beginning of the Faculty of Social Sciences calendar entry for a list of Area I and III courses.

4. Please note also the Graduation Requirements for the Faculty of Social Sciences.

## Minor in Indigenous Studies

In co-operation with other Faculties, the Faculty of Social Sciences offers an interdisciplinary Minor in Indigenous Studies. Students seeking the Minor in Indigenous Studies must declare the minor before their last registration, preferably by third year, and complete the following requirements:

- Five full-course equivalents in Indigenous Studies from the lists below, including:
  - Indigenous Studies 407,
  - three of: Anthropology 337, Canadian Studies 311, History 345, Sociology 307. **Note:** *Anthropology 337 and Sociology 307 have a prerequisite.*
- At least five half-course equivalents must have an international focus or substantial international content as indicated by inclusion on the International Focus list.
- No more than three courses may be at the 200 level.
- At least three courses must be at the 400 level or above.
- No more than four courses may be taken from any given discipline (e.g. Anthropology, Canadian Studies).

## Canadian Focus

Anthropology 213, Canadian Studies 309, 311, 313, 315, 351, 415, English 385, Geography 599.60, History 345, 447, 529,

Linguistics 215, Northern Planning and Development Studies 303, Sociology 307, 475.01, Social Work 503, 505, 507, University 501

## International Focus

Anthropology 319, 321, 335, 337, 355, 405, 421, 465, Archaeology 341, 343, 345, 351, 353, 355, 357, 419, 421, 427, 433, 453, Art History 311, 367, 369, Development Studies 201, 485, Economics 337, History 303, 401, 439.01, 467.01, 467.02, Indigenous Studies 407, Latin American Studies 201, Linguistics 531, Northern Planning and Development Studies 301, Political Science 279, 323, 371, 423, 471, 473, 579, 597.60, Psychology 491

## International Relations

### BA in International Relations

#### Introduction

The Faculty of Social Sciences offers an interdisciplinary major in International Relations. The International Relations Major requires careful selection of courses to meet its requirements. The student's course selection must be approved by the Coordinator of the International Relations program. There is no Minor program in International Relations.

#### Admission

See "Faculty Regulations – Admissions" above.

#### Requirements

The International Relations major requires:

A modern language requirement in a language other than English, consisting of two full-course equivalents, of which at least one full-course equivalent must be at the senior level. Students should elect a language of study which will assist them with their research on an understanding of the world. French 235, 237, 335, 337 and Spanish 235, 237 will not be accepted for the language requirement.

One of Political Science 399, Statistics 211, 213, or equivalent.

A minimum of seven full-course equivalents in the major field, including:

- The common core of three and one-half full-course equivalents composed of Anthropology 203, Economics 201, 203, Geography 213, History 307, Political Science 381, and International Relations 501. Apart from International Relations 501, the core courses should be taken early in a student's program.
- At least three and one-half full-course equivalents selected from the elective clusters, in consultation with the Program Co-ordinator. Of these, at least one and one-half full-course equivalents must be drawn from courses at the 400 or 500 level. Students may take International Relations 597 (Independent Study) or existing Departmental independent study

courses in their elective clusters, but only one half-course equivalent may be counted towards the Major. Any proposed syllabus for such independent study, whether International Relations 597 or in existing departmental independent study courses, must be approved by the Program Co-ordinator. Students may include Geography 397 (Regional Geography of Selected World Areas) and 592 (Overseas Field Studies in Social and Economic Geography (Area II)) in their regional electives, with the permission of the Program Co-ordinator, provided that the region(s) covered are relevant to their declared group electives.

## Elective Clusters

To allow a focused application of the main principles of International Relations as developed in the core courses, it is expected that students will select elective courses which exhibit a clear relationship. The following clusters will assist students in this selection. They are organized by broad themes in International Relations and according to regions. Students are normally expected to select courses from one thematic and one regional cluster, or from two thematic clusters.

The thematic clusters reflect major dimensions of orientation to and foci within International Relations, and operate or can be applied both regionally and globally. There are three thematic clusters: international political economy; security and strategy, and international institutions and governance. The regional clusters group courses to give students a deeper understanding of contemporary historical, cultural, political, economic and geographical force at work within the principal area of the world.

The elective clusters are as follows:

### International Political Economy

This focuses on the economic relations of states and other actors in the world economy, and the ramifications of these relations, including their political aspects. ECON 321, 423 and POLI 485 are strongly recommended.

Additional courses for this cluster are:

ANTH 303, 337, 379, 385, 387,  
DEST 393, 401, 485,  
ECON 327, 337, 371, 425, 491, 527, 537,  
GEOG 341, 425, 441,  
HTST 305, 497,  
PHIL 329,  
POLI 279, 463, 475, 579,  
PSYC 423,  
SOCI 481, 487, 493

### Security and Strategy

This focuses on the traditional core concerns of International Relations, including the use and threat of force, and the interaction of states. HTST 491.01 is strongly recommended.

Additional courses for this cluster are:

GEOG 365,

HTST 303, 333, 349, 381, 383, 483, 485,  
488, 490, 491.02, 492, 527, 543,  
POLI 435, 439, 475, 479, 489, 493

#### International Institutions and Governance

This focuses on efforts by states to manage their co-existence through legal, institutional and other devices, both formally and informally. POLI 383 and 385 are strongly recommended.

Additional courses for this cluster are:

ANTH 371, 375,  
LING 309,  
POLI 485, 493, 581

#### North America

ECON 325, 339,  
CNST 333,  
HTST 337, 351, 361, 463, 465, 467.02, 527,  
535, HTST(POLI) 583,  
POLI 321, 359, 377, 435, 437, 577

#### Latin America

ANTH 321, 421,  
ARKY 345, 355, 357,  
ECON 337,  
GEOG 371,  
HTST 367, 391, 469, 471, 487, 499, 569,  
LAST 201, 301, 401,  
POLI 359, 391, 473

#### Western Europe

HTST 333, 338, 387, 413.02, 415, 421.02,  
427,  
POLI 359, 363, 387, 463, 561

#### Eastern Europe and Commonwealth of Independent States

CEST 307, 313,  
ECON 337, 491  
GEOG 387,  
HTST 333, 411.02, 513,  
POLI 359, 361, 375, 461, 489

#### Asia/Pacific

ANTH 323, 327, 427,  
CHIN 317,  
EAST 317,  
ECON 337, 491  
ETAS 300, 500,  
HTST 311, 317, 389, 403, 405, 407.03, 501,  
503,  
JPNS 317,  
POLI 279, 359, 365, 389, 465, 467, 475, 489,  
RELS 303, 329, 357, 359,  
SAST 315, 415

#### Middle East and North Africa

ANTH 319,  
ECON 327, 337, 527,  
HTST 501,  
POLI 359, 369, 469, 479, 569,  
RELS 353, 357

#### Africa

AFST 301, 400, 501,  
ANTH 317,

ARKY 399,  
ECON 337,  
GEOG 377,  
HTST 309, 401, 501,  
POLI 359, 371, 471,  
RELS 339, 353

#### Other Requirements

Students are encouraged to consider a Minor field in a modern language, religious studies, or philosophy to complement the International Relations Major.

Other Minors, Double Majors and combined BA/BA, BComm/BA and BSc/BA degree programs are also possible. However, the same courses may not be used toward the Major and the Minor. Nor is it normally allowed to use the same course in both Majors. A maximum of ten full-course equivalents is allowed in any disciplinary field. Students should pay close attention to course prerequisites and to the Faculty limit on the number of ungrouped courses which may be counted towards this degree in making their course selections.

## Linguistics

### Department Regulations

#### Degrees Offered

BA in Linguistics

BA Honours in Linguistics

BA, BA Honours in Linguistics Co-operative Education

The Department of Linguistics offers courses in the core areas of the discipline and in specific focal areas including: (1) linguistic analysis and theory (phonology, morphology, syntax and semantics); (2) articulatory and acoustic phonetics; (3) historical linguistics (including courses on the history of English and Indo-European); (4) language acquisition (both first and second); (5) analysis of Native languages of Canada; (6) sociolinguistics. From time to time, the Department offers courses dealing with the structures of particular (usually non-Indo-European) languages.

#### Minor in Linguistics

Students wishing to Minor in Linguistics may take a minimum of five or a maximum of six full-course equivalents in the field. These must include Linguistics 201/203 and Linguistics 301 and 303. Remaining courses in the program must be chosen in consultation with the departmental undergraduate advisor.

### BA and BA Honours in Linguistics

#### Admission

Admission to or continuation in the Honours program requires a GPA of at least 3.00 in all Linguistics courses. At least two full-course equivalents in Linguistics must have been completed at the time of application.

See also "Faculty Regulations – Admissions" above.

### Requirements

#### BA in Linguistics

Students wishing to major in Linguistics must complete at least seven and not more than 10 full-course equivalents in this field. These courses must include the following (or their equivalents):

1. Linguistics 201/203
2. Linguistics 301, 303, 319, 341, 353, 401, and 403.
3. At least one full-course equivalent from among any of the following: languages other than English, or programming languages (Computer Science 215, 231, 265, 313, 349).
4. At least one half-course equivalent from the following list of experiential courses: Linguistics 311, 313, 331, 339, 441, 505.
5. At least one half-course equivalent from the following list of formal-methods courses: Anthropology 307, Philosophy 279, 377, Psychology 312, Sociology 311, Statistics 213 (or, with permission from the Undergraduate Advisor, Anthropology 411, Geography 339, Political Science 399, Sociology 313).

Linguistics 209 and 321 do not count towards the Linguistics major.

#### Sequence

In organizing their program, students are strongly encouraged to heed the following advice concerning the sequencing of courses. Students should take Linguistics 301, 303, and 341 as early in their program as possible, since these courses lay the foundation for virtually all senior Linguistics courses. Note that it is possible to take these courses immediately after finishing Linguistics 201. Moreover, Linguistics 341 should be taken either before or concurrently with Linguistics 303. Linguistics 341 has enrollment limitations which also make it advisable to take this course as early as possible.

#### BA Honours in Linguistics

Students wishing to graduate with an Honours degree in Linguistics must fulfill all Faculty of Social Sciences program requirements for Honours degrees with a major field. Honours students must complete at least 8 and not more than 12 full-course equivalents in this field. In addition they must attain a grade point average of at least 3.00 over all Linguistics courses, submit an acceptable Honours thesis during their last year and complete the following program:

1. Linguistics 201/203
2. Linguistics 301, 303, 319, 341, 353, 401, 403, and 598
3. At least one full-course equivalent from each of the following:
  - (a) Linguistics 431, 433, 435, 451, 453, 455, 477, 541
  - (b) Linguistics 407, 441, 505, 511, 519, 551

4. At least one half-course equivalent from the following list of experiential courses: Linguistics 311, 313, 331, 339, 441, 505
5. At least one half-course equivalent in Linguistics at the 500 level in addition to Linguistics 598.
6. At least one full-course equivalent from among any of the following: languages other than English, or programming languages (Computer Science 215 or 231, 265, 313).
7. At least one half-course equivalent from the following list of formal-methods courses: Anthropology 307, Philosophy 279, 377, Psychology 312, Sociology 311, Statistics 213 or, with permission from the Undergraduate Advisor, Anthropology 411, Geography 339, Political Science 399, Sociology 313).
8. At least one half-course equivalent from each of the following disciplines: Anthropology, Psychology, and Philosophy

Linguistics 209 and 321 do not count towards the Linguistics major.

Students are governed by the Honours Thesis Guidelines available from the Department of Linguistics.

### Other Requirements

#### Program Options (BA in Linguistics and BA Honours in Linguistics)

Program options are to be chosen in consultation with departmental advisors. Majors and Honours in Linguistics are encouraged to select their extra-departmental options from other social sciences (especially Anthropology, Archaeology, Psychology and Sociology), Philosophy, Computer Science, and languages.

### Pre-Speech-Language Pathology Program

For undergraduate students, the Department of Linguistics offers a Concentration in Speech-Language Sciences that provides an opportunity for students intending to pursue this career path. See Concentrations below. A graduate program in Speech-Language Pathology is not offered at the University of Calgary. Graduate programs are offered at the University of Alberta, University of British Columbia, Dalhousie University, McGill University, Université de Montréal, Université d'Ottawa, University of Toronto, and University of Western Ontario. **Students considering graduate study in Speech Pathology are advised to investigate the entrance requirements of these programs, as these may differ per university.**

### Concentrations

The Major in Linguistics is designed to provide students with foundational and advanced training in the core and specific focal areas of the discipline. Students can also pursue Concentrations in Applied Linguistics or Speech-Language Sciences.

Applied Linguistics is a wide-ranging field involving career paths in a variety of areas including Second Language Teaching, Translation, Native Studies, Language Policy Development and Machine Translation. The Concentration in Speech-Language Sciences is of most interest to students intending to enter graduate school in Speech-Language Pathology or Audiology. Students interested in these Concentrations should consult with the Undergraduate Advisor in the Department of Linguistics as soon as possible in their program so that a specific degree (Major/Minor, Double Major) and sequence of courses can be selected in accordance with the student's interests and goals and the requirements of the various programs and courses.

Any student who has declared a Linguistics major is eligible to declare a Concentration in either Applied Linguistics or Speech-language Sciences.

### Applied Linguistics

Linguistics Majors who take three full-course equivalents from the following list (of which one and one-half full-course equivalents must be Linguistics courses) will fulfill the requirements of a concentration in Applied Linguistics. Exceptions can be arranged at the discretion of the Undergraduate Advisor.

#### Applicable Course

LING 373 Sociolinguistics

#### Language Teaching and Learning Focus

LING 311 Second Language Acquisition

LING 313 Classroom-Oriented Second Language Research

LING 331 First Language Acquisition

LING 381 History of English

LING 431 Child Language: Syntax and Morphology

LING 433 Child Language: Phonology and the Lexicon

LING 525 Topics in Second Language Acquisition

**Note:** Language and culture courses appropriate to the teaching area should also be selected.

#### Translation Focus

FREN 235 Reading French (Beginners I)

FREN 237 Reading French (Beginners II)

FREN 509 Traduction

GERM305 Reading German

SPAN 523 Translation

#### Native Studies Focus

LING 531 Survey of Aboriginal Languages of the Americas

SOCI 307 Sociology of First Nations in Canada

### Speech-Language Sciences

Since requirements differ at various graduate schools, students are strongly advised to request information on requirements directly from the schools in which they are interested. A folder with general information on Canadian programs in speech pathology and audiology may be borrowed from the departmental office.

Linguistics majors who take three full-course equivalents from the following lists (of which at least one-half full-course equivalent must be a quantitative methods course, and at least one full-course equivalent must consist of Linguistics courses) will fulfill the requirements of a Concentration in Speech-Language Sciences.

LING 331 First Language Acquisition

LING 339 Psycholinguistics

LING 431 Child Language: Syntax and Morphology

LING 433 Child Language: Phonology and the Lexicon

LING 437 Introduction to Speech-Language Pathology

LING 441 Phonetics II

PSYC 205 Principles of Psychology (prerequisite for most Psychology courses)

PSYC 351 Developmental Psychology

PSYC 353 Psychology of Aging

PSYC 467 Experimental Psycholinguistics

PSYC 471 Auditory Processing

ZOOL 361 Introduction to Human Physiology I

ZOOL 363 Introduction to Human Physiology II

Students are advised to check the prerequisites for Psychology 400-level courses. Note that there are enrollment limits in these courses, and that enrollment priority is given to Psychology Majors.

#### Quantitative Methods Courses:

ANTH 307 Introduction to Anthropological Statistics

APSY 301/303 Statistics in Applied Psychology and Education I and II

PSYC 312 Experimental Design and Quantitative Methods for Psychology

SOCI 311/315 Introductory Social Statistics I and II

STAT 213/217 Introduction to Statistics I and II

First-year courses in Biology, Calculus and Physics are also highly recommended.

### BA and BA Honours in Linguistics Co-operative Education Program

#### Introduction

The Linguistics Co-operative Education program is a five-year program which normally includes 16 months (but may include 20 months with Departmental and Faculty approval) of supervised work experience in various private and governmental agencies.

### Admission

Students who wish to enter the Linguistics Co-operative Education program are urged to discuss their pre-admission course selection with the Department of Linguistics and the Associate Dean (Student Affairs) as early in their program as possible.

Students apply to Career Services by one of three application deadlines: May 1, September 1, or December 1.

Students must have declared a Linguistics major and have a grade point average of at least 2.70 in courses applicable to the degree for the Co-operative Education BA program and 3.00 for the Co-operative Education BA Honours program at the time of application to the program, and must maintain that grade point average to the time of their first Co-operative Education placements. In addition, at the time of their first Co-operative Education placements, students must have successfully completed at least eight and normally no more than 14 full-course equivalents appropriate to their degree program, including Linguistics 201/203 or 205/207, with a minimum grade of "C" in each Linguistics course. Students are strongly advised to take Linguistics 311, 313 and 331 as early as possible in their program.

### Requirements

Students must complete the following four courses (work placements) in addition to the regular requirements for the BA or BA Honours Linguistics degree program: Co-operative Education 551.01, 551.02, 551.03, 551.04. A fifth Co-operative Education placement may be approved by the Department and Faculty. Students seeking this option are advised to discuss this with the Department of Linguistics as early in their program as possible.

### Sequence

The first four-month Co-operative Education placement (Co-operative Education 551.01) is normally taken in the session immediately following the session in which the student is admitted to the Co-operative Education program. The remaining four-month Co-operative Education placements are taken in alternating sequence with the students remaining academic sessions. (Note that additional Faculty requirements apply.)

### Regulations

Students should refer to the Co-operative Education section of this Calendar, as well as to "Faculty Regulations - Graduation - Co-operative Education Program" in the Social Sciences, for specific regulations pertaining to Co-operative Education programs.

In addition to the Faculty and Departmental regulations governing Honours and Majors programs and the regulations governing Co-operative Education programs, students must maintain a minimum grade point average of 2.70 in the BA program. In the Co-operative Education program, students will normally alternate academic sessions and Cooperative Education placements and

must be registered full time. The Co-operative Education courses are in addition to the normal requirements for the BA or BA Honours degree program in Linguistics. Students must complete the same required courses and number of courses as required for a student completing the traditional BA or BA Honours degree program. Upon completion of each work term, the student must present a work term report to the Department Head and attend an Integrative Session.

## Political Science

### Department Regulations

#### Degrees Offered

BA in Political Science

BA Honours in Political Science

BA, BA Honours in Political Science Co-operative Education

The Department of Political Science offers courses in the principal fields of the discipline: Canadian government, political theory, comparative government and politics, and international politics. The program is designed to expose students to each of these fields, as well as to encourage an appreciation of the broader themes and issues that cut across them.

Advice and information about Political Science courses and programs may be obtained from any member of the Department. Detailed course descriptions for individual courses and, where appropriate, for the different sections of a single course, are available in the departmental office.

#### Strategic Studies

This study area provides undergraduate students with an introduction to Strategic Studies in Political Science 439 and the opportunity to contribute to advanced research in this area while completing their Bachelor's degrees. See the Departmental brochure for further details.

### BA and BA Honours in Political Science

#### Admission

The grade point average for entrance into the Honours program and for remaining in it is 3.20.

See also "Faculty Regulations – Admissions" above.

#### Requirements

##### BA in Political Science

Students are required to take one full-course equivalent at the 200 level in Political Science and Political Science 321, plus three of the following:

- Political Science 310
- Political Science 359 and one of 361, 363, 365, 369, 371, 375, 377, 389, 391
- Political Science 381 and one of 383, 385, 435, 437, 439, 475, 479, 485, 489,

493, 569, 581, 583

(d) Political Science 399

Students are required to take at least two full-course equivalents in Political Science at the 400 and/or 500 level.

#### BA Honours in Political Science

Students should consult closely with the Department in their choice of courses. Students normally will be required to complete at least nine full courses in Political Science, including Political Science 500 in their fourth year; Political Science 499 in their third year; and the four core offerings in Political Science (as specified for the BA in Political Science program).

Students must also obtain a grade of "C" or higher in two half courses in a language other than English, or equivalent.

At the end of the fourth year, students will be required to take an oral examination of one hour on the Honours thesis.

### BA and BA Honours in Political Science Co-operative Education Program

#### Introduction

The Political Science Co-operative Education program is a five-year program which normally includes 16 months (but may include 20 months with Departmental and Faculty approval) of supervised work experience in various private and governmental agencies.

#### Admission

Students who wish to enter the Political Science Co-operative Education program are urged to discuss their pre-admission course selection with the Department of Political Science and the Associate Dean (Student Affairs and Programs) as early in their program as possible.

Students apply to Career Services by one of three application deadlines: May 1, September 1, or December 1.

Applicants must have declared a Political Science Major and must have successfully completed at least eight full-course equivalents appropriate to their degree program, including one full-course equivalent at the 200 level in Political Science and Political Science 321 before commencing the first co-operative education placement. Students must have a grade point average of at least 2.70 on courses applicable to the degree for the Co-operative Education BA program and 3.20 for the Co-operative Education BA Honours program, including one full-course equivalent at the 200 level in Political Science and Political Science 321, at the time of application to the program, and must maintain that grade point average to the time of the first Co-operative Education placement. In addition, at the time of the first Co-operative Education placement, students must have successfully completed at least

eight and normally no more than 14 full-course equivalents appropriate to their degree program.

## Requirements

Students must complete the following four courses (work placements) in addition to the regular requirements for the BA or BA Honours Political Science degree program: Co-operative Education 551.01, 551.02, 551.03, 551.04. A fifth Co-operative Education placement may be approved by the Department and Faculty. Students seeking this option are advised to discuss this with the Department of Political Science as early in their program as possible.

## Sequence

The first four-month Co-operative Education placement (Co-operative Education 551.01) is normally taken in the session immediately following the session in which the student is admitted to the Co-operative Education program. (Note that additional Faculty requirements apply.)

## Other Requirements

In the Co-operative Education program students must be registered full time. The Co-operative Education courses are in addition to the normal requirements for the BA or BA Honours degree program in Political Science. Students must complete the same required courses and number of courses as required for a student completing the traditional BA or BA Honours degree program. Upon completion of each work term, the student must present a work term report to the Department Head, and attend an Integrative Session.

## Regulations

Students should refer to the Co-operative Education section of this Calendar as well as to "Faculty Regulations - Graduation - Co-operative Education Program" in the Social Sciences section, for specific regulations pertaining to Co-operative Education programs.

In addition to the Faculty and Departmental regulations governing Honours and Majors programs and the regulations governing Co-operative Education programs, the following regulations apply. A minimum grade point average of 2.70 must be maintained for continuation in the BA Political Science Co-operative Education program and a minimum grade point average of 3.20 for continuation in the BA Honours Political Science Co-operative Education program. Students are advised to take Political Science 399 as early as possible because the skills taught in this course are useful to many employers.

## Psychology

### Department Regulations

#### Degrees Offered

BA, BSc in Psychology

BA, BSc Honours in Psychology

The Department of Psychology offers instruction in the fields of Psychology, behavioural statistics and methodology.

#### Registration Restrictions

Many spaces in senior Psychology courses are restricted to Psychology Majors. Refer to the Master Timetable for further details on these restrictions.

#### University of Calgary/Red Deer College BA in Psychology

This program allows students to transfer up to two years of College work and to qualify for the BA in Psychology by completing the required University of Calgary courses at Red Deer College. For further information, please contact the Department of Psychology.

Students admitted to the Psychology Major in the University of Calgary program at Red Deer College may not register in Psychology courses offered on the Calgary campus without the permission of the Associate Dean (Student Affairs).

### BA, BSc in Psychology

#### Introduction

Students wishing to emphasize the social sciences and humanities in their programs should register for the BA degree; those who wish to emphasize the biological and natural sciences should register for the BSc degree. A selection of the courses listed for the Honours program are recommended for those students planning to pursue graduate study in Psychology. Students contemplating majoring in the Department of Psychology are advised to be familiar with the structure and content of programs given under "Faculty Regulations - Graduation."

#### Admission

##### Frosh Admission to Psychology

In addition to meeting requirements for admission to the Faculty of Social Sciences (see above), frosh applicants should note that all programs offered by the Department of Psychology have a fixed number of places for students. For any given program, whenever demand exceeds capacity enrollment will be limited and students will be admitted on a competitive basis.

##### Admission for Continuing and Transfer Students

In addition to meeting the requirements for admission to the Faculty of Social Sciences, students transferring from other faculties and institutions must meet the competitive admission requirements in place for this program. Students who have already been

admitted to the Faculty of Social Sciences but are applying to change their program to Psychology must also meet the competitive admission requirements. All applicants should note that all programs offered by the Department of Psychology have a fixed number of places for students. Spring and Summer Session courses taken after May 1 in the year of application will not count towards determining admissibility.

#### BSc Psychology

Students are required to complete seven first-year science courses (see "Requirements, BSc in Psychology" below). To enter these courses students must present Mathematics 30 or Pure Mathematics 30, Biology 30, and Chemistry 30 or equivalent. Mathematics 31 and Physics 30 are recommended.

See also "Faculty Regulations – Admissions" above.

### Requirements

#### BA in Psychology

Students must complete seven to ten full-course equivalents in Psychology, including:

1. Introduction to Psychology: Psychology 205.
2. Research Methods and Statistics: Psychology 312.
3. Psychology Foundation Courses: Psychology 345, 351 or 353, 365 or 369, 375, and 383 or 385.
4. At least six half-course equivalents at the 400 level or above, of which one full-course equivalent must be from Area II and one half-course equivalent must be from Area III. In addition, one full-course equivalent must have a laboratory component. Only one half-course equivalent selected from Psychology 407, 411 and 415 can be applied to fulfill the full-course laboratory component requirement.

Normally, for the BA degree the total number of courses taken from Areas I and II must exceed the number taken from Area III.

#### BSc in Psychology

Students must complete the following science foundations courses: Biology 231 and 233; Chemistry 201 and 203; Mathematics 211 or 221 and 249 or 251; and Physics 211 or 221.

In addition, students must complete seven to ten full-course equivalents in Psychology including:

1. Introduction to Psychology: Psychology 205.
2. Research Methods and Statistics: Psychology 312.
3. Psychology Foundation Courses: Psychology 351 or 353, 365, 369, 375, and 345 or 383 or 385.
4. At least six half-course equivalents at the 400 level or above, of which one full-course equivalent must be from Area III and one half-course equivalent must be

from Area II. In addition, one full-course equivalent must have a laboratory component. Only one half-course equivalent selected from Psychology 407, 411, and 415 can be applied to fulfill the full-course laboratory component requirement.

Normally, for the BSc degree the total number of courses taken from Area III must exceed the number taken from Areas I and II.

### Other Requirements

Students are advised to select, in consultation with faculty, options from other fields in accordance with both general interests and those complementary to their planned specialization within psychology.

## BA, BSc Honours in Psychology

### Introduction

Students wishing to emphasize the humanities and social sciences in their program should register for the BA Honours degree; those who wish to emphasize the biological and physical sciences should register for the BSc Honours degree. Honours Psychology Majors must fulfill the following requirements in addition to those specified by the Faculty of Social Sciences in "Honours Degrees with a Major Field."

### Admission

Psychology Majors who have completed at least 12 full-course equivalents at the time of application, have a grade point average of at least 3.50 over the most recent five full-course equivalents and over all Psychology courses used for that calculation, and who will fulfill all remaining graduation requirements for the BA/BSc Honours degree during the next fall/winter registration, can apply for Honours Psychology for the final year of their undergraduate degree program. For determining the five full-course equivalents to be used for GPA calculation, all grades within a session will be included except where the number of courses taken within a session exceeds that required to fulfill (to a maximum of) five full-course equivalents, in which case the highest grades will be used. To retain Honours standing, this grade point average must be maintained across the courses used for the entrance calculation combined with all subsequent courses counted towards the degree.

Psychology Majors must apply for admission to the Honours program no later than March 1 of the year prior to the final year. Admission is contingent on the availability of an eligible thesis supervisor, as well as the availability of the resources (laboratory space, equipment, etc.) needed to complete the thesis. Students are strongly encouraged to consult with the Department's Director of Undergraduate Studies well before the March 1 deadline to determine their eligibility.

## Requirements

### BA Honours in Psychology

Honours Psychology Majors must fulfill the following requirements in addition to those specified by the Faculty of Social Sciences under "Faculty Regulations – Graduation – Honours Degrees with a Major Field."

The program will consist of at least nine and one-half and not more than 12 full-course equivalents in Psychology including:

1. Introduction to Psychology: Psychology 205.
2. Research Methods and Statistics: Psychology 312.
3. Psychology Foundation Courses: Psychology 345, 351 or 353, 365 or 369, 375, and 383 or 385.
4. Advanced Research Methods: one of Psychology 407, 411, or 415. Students choosing to take more than one of these courses may apply the additional credit towards the requirements listed in section 5 below.
5. At least six half-course equivalents at the 400 level or above, of which one full-course equivalent must be from Area II and one half-course equivalent must be from Area III. In addition, one full-course equivalent must have a laboratory component. Only one half-course equivalent selected from Psychology 407, 411, and 415 may be applied to fulfill the laboratory component (see further restrictions in section 4 above).
6. History of Psychology: Psychology 305.
7. Honours Seminar: Psychology 501.
8. Honours Thesis and Seminar: Psychology 596, which must be completed during the final year. As partial fulfillment of this requirement, the student will write an Honours thesis under the guidance of a member of the Psychology Department.

Psychology 405 is highly recommended.

**Note:** *Psychology 501, 511, and 596 do not satisfy the requirement for three full-course equivalents at the 400 or 500 level.*

### BSc Honours in Psychology

It is recommended that students in this program complete the following science foundation courses: Biology 231 and 233; Chemistry 201 and 203; Mathematics 211 or 221 and 249 or 251; and Physics 211[ or 221. Students admitted to this program as of Fall Session 2006 will be required to complete these courses.

In addition, the program will consist of at least nine and one-half and not more than 12 full-course equivalents in Psychology including:

1. Introduction to Psychology: Psychology 205.
2. Research Methods and Statistics: Psychology 312.
3. Psychology Foundation Courses: Psychology 351 or 353, 345 or 383 or 385, 365, 369, and 375.

4. Advanced Research Methods: one of Psychology 407, 411, or 415. Students choosing to take more than one of these courses may apply the additional credit towards the requirements listed in section 5 below.
5. At least six half-course equivalents at the 400 level or above, of which one full-course equivalent must be from Area III and one half-course equivalent must be from Area II. In addition, one full-course equivalent must have a laboratory component. Only one half-course equivalent selected from Psychology 407, 411, and 415 may be applied to fulfill the laboratory component (see further restrictions in section 4 above).
6. History of Psychology: Psychology 305.
7. Honours Seminar: Psychology 511.
8. Honours Thesis and Seminar: Psychology 598, which must be completed during the final year. As partial fulfillment of this requirement, the student will write an Honours thesis under the guidance of a member of the Psychology Department.

Psychology 405 is highly recommended.

**Note:** *Psychology 501, 511, and 598 do not satisfy the requirement for three full-course equivalents at the 400 or 500 level.*

## Regulations

The Minor in Applied Psychology is not open to students with a Major or Minor in Psychology. Psychology Majors may take Applied Psychology courses as electives, to a maximum of 4.5 full-course equivalents. Only Psychology courses may be used to fulfill the requirements for the Major and the Minor in Psychology.

## Sociology

### Department Regulations

#### Degrees Offered

BA in Sociology

BA Honours in Sociology

BA, BA Honours in Sociology Co-operative Education

#### Sociology Students' Association

The Sociology Students Association (SSA) is actively engaged in promoting the academic, social and political interests of students who Major or Minor in Sociology. The SSA fosters a sense of community within the Department and represents the interests of undergraduate Sociology students at appropriate councils and committees. All Sociology students are encouraged to become members.

#### University of Calgary BA in Sociology at Red Deer College

This program allows students to transfer up to two years of College work and to qualify for the BA in Sociology by completing the required University of Calgary courses at

Red Deer College. For further information, please contact the Department of Sociology.

## BA in Sociology

### Admission

See "Faculty Regulations – Admissions" above.

### Requirements

Program requirements include:

Not more than one and one-half Sociology full-course equivalents at the 200 level.

Sociology 201, 311, 313, 315, 331, and 333.

Any one of the following: Sociology 205, 305, 307, 309, 405, or 467.

In addition, five half courses at the 400 level (may include 501 conference courses).

### Concentrations

The Department of Sociology supports the following specific programs as areas of concentration. Three full-course equivalents are required in each concentration, and at least one full-course equivalent at the 400 level or above must be taken at the University of Calgary. Program concentration certificates are only awarded to students who have met the requirements for a BA or BA Honours in Sociology, and have also met the following requirements.

Students intending to major in Sociology should consult the undergraduate advisor regularly, and no later than the beginning of their third year if they wish to pursue a concentration.

### Criminology, Deviance and Social Control

Required: Sociology 325, 365

Four of: Sociology 303, 375, 421\*, 423, 425, 427, 429

*\*A decimalized course which may be taken a maximum of twice for credit toward the fulfillment of the requirements for the concentration in Criminology, Deviance and Social Control.*

### Gender, Family and Work

Required: Sociology 303, 371, 393

Three of: Sociology 365, 373, 399, 403, 471, 493

### Ethnicity, Population and Canadian Society

Required: Sociology 353, 355, 375, 467

Two of: Sociology 205, 305, 307, 309, 365, 367, 405, 453, 475\*

*\*A decimalized course which may be taken a maximum of twice for credit toward the fulfillment of the requirements for the concentration in Ethnicity, Population and Canadian Society.*

### Structured Inequality

Required: Sociology 303, 365

Four of: Sociology 307, 309, 369, 373, 375, 399, 403, 405, 461, 467, 487

## BA Honours in Sociology

### Introduction

All beginning students who contemplate working towards an Honours degree should consult with the Department as soon as possible. This does not involve the student or the Department in any firm commitment until official admission to an Honours program is completed.

### Admission

Students should refer to the regulations governing Honours programs offered in the Faculty. Additional conditions applying to those programs are as follows:

Students may apply for admission to the Honours program after they have completed at least five full courses and have a GPA of at least 3.00 over the most recent five full-course equivalents.

Students must have a GPA of at least 3.00 over previous University of Calgary courses and other courses taken at other institutions which are applicable towards the completion of degree requirements.

### Requirements

Honours students in Sociology will take at least eight and not more than twelve full-course equivalents in Sociology. Honours students will include in their programs Sociology 201, 311, 313, 315, 331, 333, and 400. They will also take one of the following: Sociology 205, 305, 307, 309, 405, or 467. Honours students will take three and one-half full-course equivalents at the 400 level which must include Sociology 400, and may include Sociology 501 conference courses.

Sociology Majors cannot have more than one and one-half Sociology full-course equivalents at the 200 level. Under special circumstances, permission may be given to students to take courses at the 600 level. Completion of the Honours program will entail the submission of an acceptable Honours Thesis for Sociology 400. Prior to seeking ethics approval for research on human subjects, Honours students will be required to submit a written proposal acceptable to the supervisor.

### Regulations

Students who fall below a 3.00 GPA during any year of their program must consult with the Department for a review of their program.

For graduation with Honours, in addition to successful completion of specified course work, the student will have maintained a GPA of 3.00 over the last 15 courses. For First Class Honours, a 3.60 GPA is required.

## BA and BA Honours in Sociology Co-operative Education Programs

### Introduction

The Sociology Co-operative Education program is a five-year program which normally includes 16 months (but may

include 20 months with Departmental and Faculty approval) of supervised work experience in various private and governmental agencies.

### Admission

Students who wish to enter the Sociology Co-operative Education program are urged to discuss their pre-admission course selection with the Department of Sociology and the Associate Dean (Student Affairs and Programs), as early in their program as possible.

Students apply to Career Services by one of three application deadlines: May 1, September 1, or December 1.

At the time of admission students must have declared a Sociology Major and must have a minimum grade point average of 2.50 over all courses applicable to their degree program for the Co-operative Education BA program and 3.00 for the Co-operative Education BA Honours program. Students must maintain those grade point averages to the time of their first Co-operative Education placements. In addition, at the time of their first Co-operative Education placements, students must have completed Sociology 201, 311 and 313 with a minimum grade of "C." Students, including transfer students from other institutions, must complete all admission requirements within the first 14 full-course equivalents of their degree program. All students planning to apply for admission into the Co-operative Education program, including first year students and incoming transfer students, are advised to contact the Sociology Department Co-operative Education advisor as early as possible.

### Requirements

Students must complete the following four courses (work placements) in addition to the regular requirements for the BA or BA Honours Sociology degree program:

Co-operative Education 551.01, 551.02, 551.03, 551.04.

### Sequence

The following schedule outlines a recommended sequence for completing a Co-operative Education Bachelor's degree in Sociology. At the time of their first Co-operative Education placement, students must have normally completed not more than 14 full-course equivalents appropriate to their degree program.

#### First Year

- Complete Sociology 201  
Grade of "C" or better\*

#### Second Year

- Declare Major (if not done in first year)  
Sociology\*
- Contact Departmental advisor  
Department of Sociology\*
- Apply to Co-operative Education  
Career Services\*
- Complete the Career Development  
Workshop Career Services\*

- Complete Sociology 311  
Grade of "C" or better\*
- Complete Sociology 313  
Grade of "C" or better\*
- Cumulative GPA  
GPA of 2.50 or better\*
- Commence Work Term 1 (Co-operative Education 551.01)

### Third, Fourth and Fifth Years

- Complete Work Terms 2, 3 and 4 (Co-operative Education 551.02, 551.03, 551.04)
- Complete Departmental and Faculty Academic Degree Requirements
- The Co-operative Education program ends with an academic session
- Graduate

*\*Students must complete all admission requirements no later than the end of the first session of their third year (i.e., within the first 14 full-course equivalents of their program).*

The first four-month Co-operative Education placement (Co-operative Education 551.01) is normally taken in the session immediately following the session in which the student is admitted to the Co-operative Education program. The remaining four-month Co-operative Education placements are taken in alternating sequence with the student's remaining academic sessions. Work periods can be four months or eight months (two consecutive work terms) starting in January, May and September. With approval of the Department, students may do three consecutive work terms.

### Regulations

Students should refer to the Co-operative Education section of this Calendar, as well as "Faculty Regulations - Graduation - Co-operative Education Program" in the Social Sciences, for specific regulations pertaining to Co-operative Education programs.

In addition to the Faculty and Departmental regulations governing Honours and Majors programs and the regulations governing Co-operative Education programs, the following regulations apply. A minimum grade point average of 2.00 and 3.00 must be maintained for continuation in the BA and BA Honours degree programs respectively. In the Co-operative Education program students will normally alternate academic sessions and Co-operative Education placements and must be registered full time. The Co-operative Education courses are in addition to the normal requirements for the BA or BA Honours degree program in Sociology. Students must complete the same required courses and number of courses as required for a student completing the traditional BA or BA Honours degree program. Upon completion of each work term, the student must present a work term report to the Department Head and attend an Integrative Session.

## Urban Studies

### BA in Urban Studies

#### Introduction

Urban Studies is a broad interdisciplinary program designed to provide an integrated understanding of the social, political, economic, cultural, and geographic processes that shape urban life. Cities are sites of great cultural and ethnic diversity, economic innovation, cultural expression, resource consumption, wealth generation, and political conflict and cooperation. Today most developed societies are predominantly urban, even as global processes increasingly shape them. Understanding the processes that shape cities, as well as the ways in which cities' shape processes that operate at other scales, lies at the heart of Urban Studies. The Urban Studies program provides a strong background for students interested in working in public and private sector fields including urban and regional planning, architecture, environmental design, economic development, city administration, social services and policy, cultural programming, urban politics, and education.

#### Requirements For a Major in Urban Studies

One full-course equivalent of Urban Studies core courses:

Urban Studies 201 and 591

**Plus two full-course equivalents of Research Methods. One full-course equivalent must be taken from either Qualitative Methods, Quantitative Methods, or Geographic Information Systems/Remote Sensing. One more full-course equivalent must be taken from the remaining two areas, distributed in any manner.**

#### Qualitative Methods:

Anthropology 411

Communications Studies 367, 567

English 302

History 498

Political Science 357

Sociology 413, 613

*\*Credit permitted for only one of Anthropology 411 or Sociology 413*

#### Quantitative Methods:

Anthropology 307

Geography 339, 439

Political Science 399

Sociology 311, 313, 315

Courses labelled Statistics

*\*Credit permitted for only one of Anthropology 307, Geography 339, Political Science 399, Sociology 311*

Geographic Information Systems/Remote Sensing:

Environmental Design 667

Geography 333, 433, 437, 447, 557

*\*Credit permitted for only one of Environmental Design 667 or Geography 447*

#### Three full-course equivalents from the following list:

Anthropology 379

Canadian Studies 355

Economics 365

Geography 351, 451

Sociology 353

Urban Studies 311, 313

#### Two full-course equivalents from the following list:

Archaeology 325

Canadian Studies 427

Civil Engineering 473 OR Geography 441

Geography 451, 463, 551, 553

Greek and Roman Studies 325, 327, 445, 447

Political Science 425, 451

Sociology 453

Urban Studies 451, 501, 505

Courses with a strong urban component, as approved by the Urban Studies Director

**Note:** *Minors, double majors, and combined degree programs are also possible. An Urban Studies degree can be fruitfully combined with a major or minor in fields such as African Studies, Architectural Studies, Canadian Studies, Central and East European Studies, Communications Studies, Development Studies, East Asian Studies, Environmental Science, Film Studies, Latin American Studies, Management and Society, Transportation Science, Women's Studies, Anthropology, Economics, Geography, History, Political Science, or Sociology. However, the same courses may not be used toward both a major and a minor, or toward two majors. A maximum of ten full-course equivalents is allowed in any disciplinary field. Students should pay close attention to course prerequisites when making their course selections. Some courses may only be offered in alternate years so students should take care to plan their courses beyond the immediate year. Students are encouraged to consult the Urban Studies Director when making their course selections.*

#### Requirements for a Minor in Urban Studies

Urban Studies 201, 591

**Plus two full-course equivalents made up from the following core courses:**

Anthropology 379

Canadian Studies 355

Economics 365

Geography 351, 451

Political Science 425

Sociology 353, 453

Urban Studies 311, 313



At least two full-course equivalents from the following list, or from the previous list:

Archaeology 325

Canadian Studies 427

Civil Engineering 473

Geography 441, 463, 551, 553

Greek and Roman Studies 325, 327, 445, 447

Political Science 451

Urban Studies 451, 501, 505

Courses with a strong urban component, as approved by the Urban Studies Director

*Note: No student may count more than three full-course equivalents in any one department toward the Urban Studies Minor.*

## Multidisciplinary Programs

### Combined Programs

#### Combined BComm/BA or BSc (Social Sciences)

The five-year program leads to both the Bachelor of Commerce and the Bachelor of Arts (or Bachelor of Science) degrees. The program requires careful selection of courses to complete all requirements of the two Faculties. Interested students are urged to contact the Associate Dean (Student Affairs) of Social Sciences and the Associate Dean (Undergraduate Programs) of Haskayne School of Business for advice in choosing their courses.

Students pursuing this program may enter the combined degree program in year one in either faculty and must satisfy the admission and graduation requirements of both Faculties. Up to the end of Year 3, students may opt out of the combined degree program and complete the Social Sciences degree program in one additional year. Program details are listed in the Haskayne School of Business section of this Calendar.

#### Combined BSc(Engineering)/BA or BSc (Social Sciences)

This five-year program leads to both the Bachelor of Science in Engineering and the Bachelor of Science or Bachelor of Arts degrees in a Major offered by the Faculty of Social Sciences.

Students will enter the Faculty of Engineering in year one and complete the two degrees under the jurisdiction of that Faculty. They must meet the admission and graduation requirements of both Faculties. Up to the end of Year 2, students may opt out of the combined degree program and complete the BA or BSc degree in Social Sciences in two additional years. Program details are listed in the Faculty of Engineering section of this Calendar.

#### Combined BSc or BA (Science)/ BSc or BA (Social Sciences)

##### Introduction

The program, sponsored jointly by the Faculties of Science and Social Sciences, leads to the BSc and the BA degrees, two BSc degrees or two BA degrees and requires the completion of a minimum of 25 full-course equivalents.

##### Admission

Students pursuing this program may enter the combined degree program in year one in either the Faculty of Science or the Faculty of Social Sciences, providing all admission requirements as described in each Faculty's section of the Calendar have been satisfied. At that time, students will declare two Major Fields as described in each Faculty's section of the Calendar.

##### Requirements

1. The Faculty of Social Sciences requires the successful completion of at least seven and not more than 10 full-course equivalents which are in the Major Field. Faculty and Departmental requirements for graduation in a program with a Major Field must be met.
2. The Faculty of Science requires successful completion of all courses required for graduation in a program with a Major Field as listed in the University Calendar.
3. Courses taken towards each of the Major Fields will be used to satisfy the requirement of the other Faculty that four full-course equivalents be taken outside the Faculty.
4. The number of junior courses taken must not exceed 10 full-course equivalents in total. Of these, not more than eight may be included in the Social Sciences degree program and not more than nine in the Science degree program.
5. At least one half of the 25 full-course equivalents must be taken at the University of Calgary. A maximum of 10 full-course equivalents may be transferred to any one of the Faculties. Note that half the courses counting towards the Social Sciences Major and at least four full-course equivalents in the Major Field in Science must be taken at the University of Calgary.

##### Other Requirements

The program requires careful selection of courses to complete all requirements of the two Faculties. Interested students are urged to contact the Undergraduate Programs Office for advice in choosing their first-year courses.

##### Regulations

It will be possible for students to opt out of the combined program until the end of their third year and complete either the Social Sciences or Science degree program in four

years. Students should note, however, that if courses have been unevenly distributed, more than four years may be required to complete the degree.

#### Combined BA (Humanities)/BA or BSc (Social Sciences)

##### Introduction

The program, sponsored jointly by the Faculties of Humanities and Social Sciences, leads to the BSc and BA degrees, or two BA degrees, and requires the completion of a minimum of 25 full-course equivalents.

##### Admission

Students pursuing this program may enter the combined degree program in year one in either the Faculty of Humanities or the Faculty of Social Sciences. At that time, students will declare two Major Fields as described in each Faculty's section of the Calendar. All admission requirements for both Faculties must be satisfied in order to qualify for the combined degree program.

##### Requirements

1. The Faculty of Social Sciences requires the successful completion of all courses required for graduation in "Degrees with a Major Field" or "Honours Degrees with a Major Field" as listed in this Calendar. Faculty and Departmental requirements for graduation in a program with a Major Field must be met.
2. The Faculty of Humanities requires successful completion of all courses required for graduation in a "BA with Major Field" or "Honours Degree with Major Field" as listed in this Calendar. Faculty and Departmental requirements for graduation in a program with a Major Field must be met.
3. At least two full-course equivalents must be taken from courses in each of Area II and Area III; of the Area III courses, one full-course equivalent must be from the offerings of the Faculty of Science.
4. Each Faculty requires that four full-course equivalents be taken outside that Faculty. In the case of this program, courses taken towards the Major in one Faculty will satisfy this requirement for the other Faculty, and vice versa.
5. The number of junior courses taken must not exceed eight full-course equivalents in total.
6. At least one half of the 25 full-course equivalents must be taken at the University of Calgary. A maximum of 10 full-course equivalents may be transferred to a single Faculty. Half the courses counting towards each of the Majors must be taken at the University of Calgary.

##### Other Requirements

The program requires careful selection of courses to complete all requirements of the two Faculties. Interested students are urged to contact the Undergraduate Programs Office for advice in choosing their first-year courses.

**Regulations**

It will be possible for students to opt out of the combined program until the end of their third year and complete either the Social Sciences or Humanities degree program in four years. Students should note, however, that if courses have been unevenly distributed, more than four years may be required to complete the degree.

**Combined BA or BSc (Psychology)/BCR (Education)**

This five-year program leads to both the Bachelor of Arts or Bachelor of Science in Psychology (offered by the Faculty of Social Sciences) and the Bachelor of Community Rehabilitation and Disability Studies (offered by the Faculty of Education) degrees, and is jointly sponsored by the two Faculties. Completion of the program requires a minimum of 25 full-course equivalents.

Students pursuing this program may enter the combined degree in year one in either the Faculty of Social Sciences or the Faculty of Education. Admission requirements of both Faculties, the Department of Psychology and Community Rehabilitation and Disability Studies must be satisfied in order to qualify for the combined degree program.

The program requires careful selection of courses to complete all requirements of the two Faculties. Interested students are urged to contact the Associate Dean (Student Affairs) of Social Sciences and the Student Advisor in the Community Rehabilitation and Disability Studies program. It will be possible for students to opt out of the combined program until the end of their third year and complete either a BA or BSc in Psychology or a BCR degree in four years. Students should note, however, that if courses have been unevenly distributed, more than four years may be required to complete the degree.

**Collaborative Programs****BSc Earth Science**

The BSc in Earth Science is a multidisciplinary program taught by the Faculties of Science and Social Sciences. The Department of Geology and Geophysics and the Department of Geography administer the program in the respective faculties. Students considering this program must contact the Earth Science advisor in either Department as early as possible for advice regarding their program.

Program details are listed in the Collaborative Programs section of this Calendar.

**BSc Environmental Science**

This is an interdisciplinary program taught by the Faculties of Science and Social Sciences. Concentrations include "Geography and Social Sciences." Students considering this program should contact the program coordinator as early as possible for information regarding admission and program requirements.

Program details are listed in the Collaborative Programs section of this Calendar.

**BA East Asia**

This is an interdisciplinary Major program offered within the Asian Studies program by the Faculties of Social Sciences, Humanities and Communication and Culture. Students may obtain information about the program from the Coordinator of the Asian Studies program or the Associate Dean of one of the three Faculties (Social Sciences, Humanities or Communication and Culture).

Program details are listed in the Collaborative Programs section of this Calendar.

**BA Latin American Studies**

This is an interdisciplinary Major program offered by the Faculties of Communication and Culture, Humanities and Social Sciences. Students may obtain information about the program from the Coordinator or the Associate Dean of one of the three Faculties (Communication and Culture, Humanities or Social Sciences).

Program details are listed in the Collaborative Programs section of this Calendar.

**Minor in Transportation Science**

This is an interdisciplinary minor program offered by the Faculty of Social Sciences in collaboration with the Faculty of Engineering and the Van Horne Institute. Students considering this program should contact the Transportation Science Advisor for the Faculty of Social Sciences as early as possible for advice regarding their program.

Program details are listed in the Collaborative Programs section of this Calendar.

**Minor/Concentration in Applied Energy Economics****Introduction**

This is a program offered by the Faculty of Social Sciences in collaboration with the Canadian Energy Research Institute (CERI). The Department of Economics administers the program. The primary objective of this program is to provide the student with the historical and institutional background and the basic tools necessary for an understanding of the operation of North American and world energy markets. The program includes the development of analytical and problem-solving skills.

Students will benefit from expert instruction by academics at the University and applied researchers at CERI. The courses at the University will focus on the relevant background, theory and tools, while the courses at CERI will provide the opportunity for students to participate actively in a wide range of research projects in applied energy economics. CERI is an internationally respected research institute specializing in all aspects of energy economics with offices

in University Research Park, very close to the campus.

It is anticipated that students who graduate with a minor or concentration in applied energy economics will enhance their prospects of securing relevant and rewarding employment in the energy sector. Additional education and training is recommended for those wishing to take full advantage of the career opportunities in applied energy economics. This typically involves the completion of a masters degree. Students contemplating graduate work should consult the Department in the selection of courses.

**Admission**

Applications for admission to the program (either the Minor or Concentration in Applied Energy Economics) can be made to the Faculty of Social Sciences. Prior to applying for admission, students must have completed Economics 201/203 and obtained a grade point average of at least 2.70 over the most recent course work to a maximum of five full-course equivalents (University of Calgary courses and/or transferable courses taken at other institutions). All grades within a session will be included except where the number of courses taken within a session exceeds that required to fulfill (to a maximum of) five full-course equivalents, in which case the highest grades will be used. The application deadline is March 1. (A GPA of at least 2.70 must normally be maintained for continuation in the program.) Admission to the program may have to be limited. If applications exceed spaces, students will be admitted in order of descending GPA.

For additional information, see one of the student advisors in the Economics Department. For additional information about programs, the Department and CERI, visit our Web site at <http://www.econ.ucalgary.ca>

**Requirements**

There are two options available to students registered in the Applied Energy Economics program. For the non-Economics major there is a Minor in Applied Energy Economics. For the Economics major there is a Concentration in Applied Energy Economics.

**Minor in Applied Energy Economics**

For the non-Economics major, the minor in applied energy economics requires the completion of five full-course equivalents composed of:

Economics 201, 203 and 301.

Two of Economics 323, 325, 327, 377.

One of Economics 311, 315.

Economics 492 and 494.

Economics 492 and 494 will be taught in a workplace environment by CERI staff, with students actively involved in applied research projects.

## Concentration in Applied Energy Economics

This is applicable to students who are economics majors (or Honours students in Economics). It requires completion of three full-course equivalents composed of the following list of courses:

Two of Economics 323, 325, 327, 377, 477, 527.

Economics 492 and 494

All Economics majors are required to take Economics 201 and 203 (Principles), Economics 301/357 and 303/359 (Intermediate Theory), and Economics 315 (Econometrics). It is possible for Economics majors to take more than the minimum required courses from the first group indicated above, as credit for these courses will apply to the major degree in Economics. Depending on the choice of courses, Economics majors who take the Concentration in Applied Energy Economics could be required to take at least 7.5 full-course equivalents in Economics (compared to the minimum of 7.0 full-course equivalents for the Major in Economics).

## Other Requirements

All other regulations concerning the BA in Economics (and BA Honours in Economics if applicable) must also be satisfied. The

Department will allow only one of Economics 492 and 494 to be eligible as one full-course equivalent of the 400- and 500-level courses which have Economics 301, 303, 357, or 359 as prerequisites required for graduation.

Students should consult the Department regarding the requirements for a Concentration in Applied Energy Economics, particularly in the case of BA Honours, Co-operative Education, or combined degree programs.

**Note:** *The Applied Energy Economics Concentration will be recorded on the transcript of record.*

## Administration Faculty Administrative Officers

### Dean

S.J. Randall

### Associate Dean (Research and Development)

D.G. Hatt

### Associate Dean (Academic Programs)

D.M. Peers

### Associate Dean (Student Affairs)

G. C. Ranson



