

Augustana Faculty

Augustana Faculty	191
The Professors	191
Programs of Study	192
Faculty Regulations	195
Courses	196
Course Listings	196
Programs	197
Bachelor of Arts (BA)	197
Art	198
Biology	198
Chemistry	199
Classical Studies	199
Computing Science	200
English	201
Environmental Science (BSc)/Environmental Studies (BA)	202
Interdisciplinary Studies	205
Development Studies	205
Management	208
Mathematics and Physics	208
Modern Languages	209
Bachelor of Arts, Music Major	210
Philosophy and Religion	211
Physical Education	211
Political Studies	212
Additional information for students	212
Psychology	212
Bachelor of Management in Business Economics (BMgt)	213
Bachelor of Music (BMus)	214
Bachelor of Science (BSc)	216
Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana)	222
Certificates	223
Certificate in Community Mental Health: Theory and Practice	223
Certificate in Writing Studies	223

Augustana Faculty

Located on a picturesque residential campus in the small city of Camrose, 90 kilometres southeast of Edmonton, Augustana's primary focus is undergraduate teaching and learning. Augustana enrolls more than 1,000 students, drawn from across Alberta, Canada and the world, in distinctive degree programs in arts, sciences, music and management. It awarded its first U of A degrees in spring 2005. In addition to the Faculty's statement of identity and mission below, please consult the Augustana website at www.augustana.ualberta.ca for further information.

Identity and Mission

Established in 1910 by Norwegian settlers, under the name Camrose Lutheran College, Augustana is still inspired by convictions that are part of its pioneer legacy: that personal wholeness emerges from a liberal education, that the proper end of leadership is service to others, and that the spirit of cooperation so crucial to rural life invigorates human endeavour. As a Faculty of the University of Alberta, Augustana continues to build on its reputation for high-quality teaching in a friendly, caring, residence-based setting. In doing so, it provides a distinctive small-campus undergraduate experience within one of Canada's leading universities. Augustana remains mindful of its heritage, open to a diversity of perspectives and backgrounds, and responsive to the rural region in which it is located.

Augustana Faculty is characterized by a lively, collegial academic culture of research, creativity, and public engagement in which students are invited to participate. It values interdisciplinary inquiry, teaching, and learning. Augustana offers the opportunity of a memorable, life-changing education through small classes, personal attention from professors, a challenging, innovative curriculum founded on the liberal arts and sciences, experiential learning in wilderness and international environments, and a range of campus-life programs. In this academic community, students are more than narrow specialists, spectators, or strangers.

Augustana aspires to educate the whole person in an intimate, small-campus setting so that students and mentors alike are capable of engaging life with intellectual confidence and imaginative insight, equipped for leadership and service, and committed to the betterment of their world.

The Professors

Members of the Faculty

Officers of the Faculty

Dean and Executive Officer
A Berger, PhD

Vice-Dean
A-ML Link, PhD

Associate Dean, Academic
K Mündel, PhD

Associate Dean, Research
R Harde, PhD

Associate Dean, Teaching
JC Wesselius, PhD

Assistant Dean, External Relations
TE Hanson, BA

Assistant Dean, Finance and Administration
JB Smith, BCom, CPA, CMA

Chester Ronning Centre for the Study of Religion and Public Life
D Goa, BA - Director

Alberta Centre for Sustainable Rural Communities
LK Hallstrom, PhD - Director

Office of Learning, Advising and Beyond
TBA

Faculty Departments

Fine Arts and Humanities

Professor and Chair
KI Misfeldt, PhD (German)

Professors
R Harde, PhD (English)
KB Harder, MVA (Art)
PW Harland, PhD (English)
PE Johnson, MA (Drama)
PM Merklinger, PhD (Philosophy)
S Ravi, PhD (French)
MR Schlosser, DMus (Music)
K Sutley, MFA (Drama)

Associate Professors
A Carpenter, PhD (Music)
KA Corcoran, MMus (Music)
JPH Forrest, MFA (Art)
A-ML Link, PhD (Art)
LA Ries, DMus (Music)
IK Urberg, PhD (Scandinavian Studies)
JC Wesselius, PhD (Philosophy)

Assistant Professors
B Alakas, PhD (English)
JR Wiebe, PhD (Religion and Ecology)

Science

Professor and Chair
PK Berg, PhD (Mathematics and Physics)

Associate Professor and Associate Chair
D Audet, PhD (Biology)

Professors
WW Hackborn, PhD (Mathematics and Computing Science)
GA Hood, PhD (Environmental Science/Studies)
GT Hvenegaard, PhD (Geography)

Associate Professors
M Asfeldt, MSc (Physical Education)
IR Blokland, PhD (Physics and Mathematics)
SL Gares, PhD (Biology)
NC Haave, PhD (Biology)
JK Kariuki, PhD (Chemistry)
GM Lotz, PhD (Physics and Mathematics)
B Rempel, PhD (Chemistry)
J Sylvestre, PhD (Mathematics)
T Terzin, PhD (Biology)

Assistant Professor
ACS McIntosh, PhD (Biology)

Social Sciences

Professor and Chair
TBA

Associate Professor and Associate Chair
YM Becker, PhD (Physical Education)

Professors
A Berger, PhD (Anthropology)
WM Foster, PhD (Management)
LK Hallstrom, PhD (Political Studies)
PF Marentette, PhD (Psychology)
J Mouat, PhD (History)
TW Parker, PhD (Psychology)

Associate Professors
Y Fahmy, PhD (Economics)
KC Hatt, PhD (Sociology)
SL Lorenz, PhD (Physical Education)
VA Manaloor, PhD (Economics)
M Méthot, PhD (History)
TH Milbrandt, PhD (Sociology)
P Mirejovsky, PhD (History)
SE Moore, PhD (Psychology)
K Mündel, PhD (Global and Development Studies)
GB Osborne, PhD (Sociology)
R-V Palo, MSc (History)
R Purc-Stephenson, PhD (Psychology)
SC Rein, PhD (Political Studies)
GD Snyder, MSc (Physical Education)

SC Wilton, PhD (Political Studies)

Assistant Professors
AJ Guerber, PhD (Management)
DCF Sims, MA (History)
JE Yardley, PhD (Physical Education)

Additional Members of Faculty Council

President and Vice-Chancellor
D Tuprin, CM, LL, FRSC

Registrar of the University
LM Collins

Administrative Officers
B Anderson
MT Burnett, MBA
CA Blades, CEFM
JD Hawkins, MA
CL Person, MA
LG Ruiter, BFA

Head Librarian - Augustana
NE Goebel, MLLS

Public Services Librarians
KP Blizzard, MLLS
PJ Neff, MLLS

Augustana Chaplain
CEWentland, MA

Augustana Director of Athletics
G Ryan, MKin, ChPC

Faculty of Education
1 Representative

Faculty of Nursing
1 Representative

Faculty of Rehabilitation Medicine
1 Representative

Sessional Staff
2 Representatives - 1 Full-Time,
1 Part-Time

Non-Academic Staff
2 Representatives

Student Representatives
President, Augustana Faculty Students' Association
4 Additional Representatives,
1 from each of Fine Arts, Humanities, Science, and Social Sciences

Programs of Study

Augustana Faculty offers five degree programs:

- Bachelor of Arts (BA)
- Bachelor of Management in Business Economics (BMgt)
- Bachelor of Music (BMus)
- Bachelor of Science (BSc)
- Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana)

See Augustana Faculty for Admission Requirements and see Programs for Major and Minor Requirements

The University of Alberta Faculty of Nursing also offers a Bachelor of Science in Nursing After Degree Program on the Augustana Campus in Camrose - see BScN—After Degree Program.

Classification of Degree Programs

Academic disciplines at the Augustana Faculty are organized into three departments for administrative purposes: Fine Arts and Humanities, Science, and Social Sciences. The following programs are available within these departments:

Program Areas with Available Majors and Minors

Areas Available	BA Major	BSc Major	BMgt Major	BMus Major	BSc/BEd Major	BA Minor	BSc Minor	BMgt Minor	BMus Minor	BSc/BEd Minor
Fine Arts										
Art										.
Art History						
Art Studio						
Comprehensive Music				.						
Drama
Liturgical Arts				.						
Music		
Music: Choral										.
Musical Arts				.						
Piano				.						
Visual Art	.									
Voice				.						
Humanities										
Classical Studies						
English	
English Language Arts										.
French						
German						
Modern Languages	.									
Philosophy						
Philosophy and Religion	.									
Philosophy and Religious Studies										.
Religion						
Scandinavian Studies						
Second Languages: French										.
Second Languages: German										.
Second Languages: Spanish										.
Spanish						
Science										
Biology
Chemistry
Computing Science	

Areas Available	BA Major	BSc Major	BMgt Major	BMus Major	BSc/BEd Major	BA Minor	BSc Minor	BMgt Minor	BMus Minor	BSc/BEd Minor
Environmental Science		•								
Environmental Studies	•					•	•	•	•	
General Sciences					•					•
Geography						•	•	•	•	
Mathematics						•	•	•	•	
Mathematical Sciences					•					•
Mathematics and Physics	•	•			•					
Physical Sciences					•					•
Physics						•	•	•	•	•
Social Sciences										
Business Economics			•							
Economics	•					•	•		•	
History	•					•	•	•	•	
Interdisciplinary Studies:										
-Canadian Studies						•	•	•	•	
-Crime and Community						•	•	•	•	
-Global and Development Studies	•					•	•	•	•	
-Individualized						•	•	•	•	
-Women's Studies						•	•	•	•	
Management						•	•		•	
Physical Education	•	•				•	•	•	•	•
Political Studies	•					•	•	•	•	
Psychology	•	•				•	•	•	•	
Social Studies										•
Sociology	•					•	•	•	•	

The Augustana Core

Augustana Faculty orients its programs toward a broad education realized through engagement, knowledge, and skills. Collectively, this commitment is incorporated in the Augustana Core.

Engagement

At Augustana, students integrate their learning with the complexities of local and global communities, both in the classroom and in the world. To achieve this degree of social and political engagement, Augustana students are required to take courses in at least three of the following five areas:

- Creative & Imaginative Process
- Diversity and Global Studies
- Environmental Sustainability
- Experiential Learning
- Integrating Knowledge

For more information on Engagement requirements, see Bachelor of Arts (BA) , Bachelor of Management in Business Economics (BMgt), Bachelor of Science (BSc) , and Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana), under The Augustana Core: Engagement.

Knowledge

Augustana embraces a liberal arts and sciences education that embodies many different ways of knowing. The ability to use a range of approaches to solve problems enables citizens to face the complexities of society with flexibility and innovation. Students achieve this breadth of knowledge by taking courses in each of the following areas:

- Fine Arts,

- Humanities,
- Social Sciences, and
- Science.

For more information on breadth of Knowledge requirements, see Bachelor of Arts (BA) , Bachelor of Management in Business Economics (BMgt), Bachelor of Science (BSc) , and Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana), under The Augustana Core: Knowledge.

Skills

At Augustana, students acquire core academic skills through their major. These skills are the mark of a successful education and the basis for continued learning. Therefore, Augustana deliberately sets for itself the goal that, upon graduation, all students will be equipped with a skill set of which they can be justifiably proud. Students find these skills possess immense practical value, enabling our graduates to make meaningful contributions to their communities and workplaces.

Augustana aims to develop students who are thinkers, researchers, and communicators.

As **Thinkers**, Augustana students can

1. read, view, listen, and reflect carefully and extensively;
2. engage in issues from a variety of perspectives, cultures, or traditions; and
3. approach problems using evidence, reasoning, and creativity.

As **Researchers**, Augustana students can

1. design and execute projects from conception to fruition;
2. analyze and synthesize data, concepts, and ideas;
3. assert their own perspective on a topic through argument, presentation, or interpretation; and

- employ information literacy skills to assemble and evaluate the most suitable materials.

As **Communicators**, Augustana students can

- clearly convey ideas, creative work, and research in an artistic or scholarly manner;
- present information confidently, showing command of oral, digital, written, visual, or artistic expression;
- employ effective presentation and rhetorical strategies tailored to specific audiences; and
- write logically and grammatically.

While these skills are not attached to any specific credit requirement, skill development is incorporated into several aspects of each degree program and is reviewed by the Faculty on a regular basis.

General Program Information

The following terms, definitions, and abbreviations are used throughout the Augustana Faculty section of the Calendar.

- Unit of Course Weight:** A unit of course weight indicates the instructional credit assigned to a course and is designated by the symbol after the course number and name. Units of course weight form a part of the degree requirements and are also used to calculate a student's Grade Point Average (GPA).
- Junior-level Courses:** Courses numbered 100-199.
- Senior-level Courses:** Courses numbered 200-499.
- Term:** The instructional periods are from September to December (Fall Term), January to April (Winter Term), May/June (Spring Term), and July/August (Summer Term).
- Single-term Course:** A term course is a course with a course weight of 3 that normally extends over one University term. Certain courses are offered over a single term with weights of ★1, ★1.5, and ★2.
- Two-term Course:** A two-term course is a course with a course weight of 6 that normally extends over two consecutive University terms. Certain courses are offered over Fall/Winter with weights of ★2, ★3, and ★4.
- Year Status:** Each student who has been admitted to a degree program at Augustana is classified according to year status as follows:
 - ★0-23 earned: first-year standing. First-year students are normally not eligible to take courses numbered 200 or higher.
 - ★24-53 earned: second-year standing.
 - ★54-83 earned: third-year standing.
 - ★84 or more earned: fourth-year standing.
- Course load:**
 - The normal full course load is ★30 for the academic year;
 - Course overload: A student must receive special permission from their Academic Adviser to carry more than ★17 in any one term.
- Minimum Passing Grade:** The minimum passing grade in University of Alberta undergraduate courses is a D. The minimum final grade for transfer of courses from other postsecondary institutions is C-.
- Overlapping Options:**
 - A course that fulfills more than one requirement on a major or in a major/ minor combination;
 - A course that fulfills a requirement in both the core and within a specific program.
- Non-Overlapping Options:**
 - A course that is not allowed to count towards more than one requirement within a major;
 - No course may be counted towards more than one core requirement.
- Supporting Course:** A course from outside a particular major which generally complements the study of that major; it is a requirement for the completion of the major, but is not used in calculating the major GPA.
- Option:** The term "option" where it appears in programs means a course chosen by the student from offerings by the Augustana Faculty if the necessary prerequisites have been met, and which is not a specific program requirement.
- Arts Courses/Options:** Courses offered by the Augustana Faculty which are classified as "Arts" courses (see Classification of Courses) for which the student is eligible and which meet degree requirements.
- Music Courses/Options:** Courses offered by the Augustana Faculty which are classified as "AUMUS" courses (see Course Listings) for which the student is eligible and which meet degree requirements.

- Science Courses/Options:** Courses offered by the Augustana Faculty which are classified as "Science" courses (see Classification of Courses) for which the student is eligible and which meet degree requirements.
- Specialized Professional Courses:** Courses offered by the Augustana Faculty which are classified as neither "Arts" nor "Science" courses (see Classification of Courses) for which the student is eligible and which meet degree requirements.

General Regulations Governing Course Selections

- Junior-level courses (numbered 100-199) should be taken as early as possible. A first-year student is normally not permitted to take senior-level courses (numbered 200 and higher).
- All programs must include at least ★72 at a senior level.
- A limited number of specialized professional courses may be substituted for arts and science courses in a BA or BSc program. The maximum allowed is ★18.
- The maximum number of specialized professional courses allowed in the BMgt program is ★36.
- A maximum of ★12 of Physical Education Activity (AUPAC) is allowed.
- Each major or minor must consist of a distinct set of courses. No course may be counted toward more than one such area of study. This restriction does not apply to courses listed in the Calendar as "supporting courses." If a course is specifically required by two or more of a student's declared areas of study, the course may be counted toward only one area and a substitute course in each of the other areas must be selected with the approval of the student's Department Chair.
- If a course is repeated, both grades are shown on the student's transcript but only the more recent one is used, as, for example, in calculating the graduation grade point average (GGPA). However,
 - a student may not repeat a course for which credit has been earned;
 - a student may not repeat a failed course more than once.

International Programs

Augustana has a range of unique international opportunities, which offer meaningful experiences in different countries as the basis for significant learning. All of these offerings supplement and enhance the liberal arts and sciences experience while enabling students to add an invaluable international dimension to their education. Throughout the entire year, Augustana takes students to destinations such as Costa Rica, Cuba, France, Germany, India, Mexico, Norway, the Classical Ancient World (including Italy, Greece and Turkey), and the United States of America.

Students who participate in these programs are assessed a Mandatory Instructional Support Fee (Student Instructional Support Fees 2015-2016) to offset the additional costs of their program. Students who participate in Augustana Faculty International offerings are subject to Code of Student Behaviour, rules of any host institution, as well as supplementary standards of behaviour outlined in course syllabuses and other materials.

For more information about specific international offerings, please consult Augustana's Learning and Beyond website at www.augustana.ualberta.ca/programs/lab/experiential/international/.

Certificates

Augustana Faculty currently offers two certificates to graduating students which acknowledge formally that students have studied particular themes, within one discipline, or across disciplines. Normally the requirements for the certificates can be completed as part of the requirements for the degree; however, in some cases, a student may need to take more than the minimum required for the degree program in order to qualify for both the degree and the certificate. The following certificates are available:

Certificate in Community Mental Health: Theory and Practice: available to students with a major in Psychology in the Augustana Faculty BA or BSc program (see Certificate in Community Mental Health: Theory and Practice).

Certificate in Writing Studies: available to students in any Augustana degree program (see Certificate in Writing Studies).

Faculty Regulations

Students should consult the following regulations of the Augustana Faculty in tandem with the University Regulations in Academic Schedule to Code of Applicant Behaviour, with particular attention to Registration and Fees and Academic Regulations.

Admission and Transfer

If students who are registered in an Augustana degree program wish to enrol in a course offered by another institution and apply the credits for this course toward the Augustana degree, they must obtain the approval of their Academic Adviser before registering for the course. If approval is granted students must then obtain a Visiting Student Authorization letter from the Office of the Registrar at Augustana Campus. Please note that Augustana guarantees consideration for transfer of credits only to courses explicitly identified in the Visiting Student Authorization letter. Credits to be transferred from the other institution are judged on the same basis as transfer credits granted at the time of admission.

Residential Requirement

Augustana is a residential institution, and living in residence is a valuable part of the total educational experience. Living on campus provides maximum opportunity to benefit from university life. The residence hall program is specifically designed to provide an environment that promotes the development of the whole person.

The policy requiring all students to live in residence for at least one year is an indication of Augustana Faculty's commitment to this enriching experience. The requirement to live on campus does not apply to:

- part-time students.
- married students.
- students who are 21 years of age or older at the time of their registration for the academic year.
- students living with family in the Camrose area.
- students whose medical needs cannot be met by Augustana Faculty.

Students with special circumstances not indicated in the exemptions listed above may appeal the requirement to live on campus, in writing, to the Housing Review Committee.

Registration

General regulations for students regarding Registration are contained in Registration and Fees.

1. **Deadlines:** Students should familiarize themselves with the deadlines pertaining to registration, as outlined in Academic Schedule, and be aware that these deadlines are strictly enforced.
2. **Student Responsibility:** Students are responsible for familiarizing themselves with program requirements and limitations as specified in the Calendar and for ensuring their programs are properly planned in accordance with degree specifications. Please read the Calendar carefully before registering in courses, and if you are in doubt about any regulations pertaining to your program, consult the Office of the Registrar, Augustana Faculty, for clarification.
3. **Academic Advice:** A student is encouraged to consult an Admissions Counsellor when selecting courses for the first year of university studies. Academic advice is provided by Academic Advisers to assist a student in registering for subsequent years of studies.
4. **Failure to 'drop' a course:** Students who do not formally withdraw from a course but who are absent from the final examination without excuse [see Absence from Final Exams] will be given a mark of zero (0) on the final examination. The final grade in the course will then be determined by combining the appropriately weighted term grade and the assigned zero in the final examination, the mathematical result rounded to the lowest whole number. Students who register in a course but do not attend and do not formally withdraw will receive a grade of F1.
5. **Change in program:** A student who wishes to change from one major, minor, or degree program to another within the Augustana Faculty must consult with an Academic Adviser. A student wishing to change degree program, or transfer into another Faculty, should also consult Readmission or Internal Transfer for requirements on readmission and internal transfer.

6. **Withdrawal from Augustana:** A student who wishes to withdraw from Augustana must first discuss the matter with the Assistant Registrar, Augustana Campus. At the discretion of the Assistant Registrar, Augustana Campus, the student may be referred to the University Counsellor and/or the Director, Student and Residence Services. If appropriate, the Assistant Registrar, Augustana Campus, will receive a report from the personnel specified above before issuing the "Withdrawal Form". All deadlines related to withdrawals are strictly enforced; students should consult Academic Schedule and Registration.
7. **Auditing courses:** Students interested in registering to audit one or more courses in the Augustana Faculty should refer to Auditors.

Attendance, Evaluations and Grading

Since presence at lectures, participation in classroom discussions and projects, and the completion of assignments are important components of most courses, students will serve their interests best by regular attendance. Those who choose not to attend must assume whatever risks are involved. Students should pay close attention to any further requirements on attendance and class participation indicated on course outlines (see Evaluation Procedures and Grading System). As well, students should refer to Attendance for specific regulations regarding exams.

Every student's performance will be evaluated at least two times per term in each course. The evaluations may take the form of tests, essays, and/or other assignments. The results of at least one evaluation in each course will be available to students no later than the eighth week of the term. For further information on evaluations, grading, and exams, see Evaluation Procedures and Grading System and Examinations (Exams).

No examination valued at more than 20% of the final grade (10% in two term Fall/Winter courses) shall be scheduled during the last ten instructional days of the Fall or Winter term.

No student shall be required to write three final exams in one day (i.e., in the morning, afternoon, and evening exam periods). Should a student have three exams scheduled in one day, the student should contact the Office of the Registrar at Augustana as soon as possible for assistance in rescheduling one exam to another time within that final examination period.

Policy on Academic Dishonesty

For information on Academic Dishonesty, including definitions, potential sanctions, the discipline process, and procedures for appeal, a student should consult the University of Alberta Code of Student Behaviour. Amendments to the Code of Student Behaviour occur throughout the year. The official version of the Code of Student Behaviour, as amended from time to time, is housed on the University Governance website at www.governance.ualberta.ca.

Academic Standing and Graduation

Determination of Academic Standing

Academic standing is assessed based on a student's GPA. (Rules for computing the GPA are listed in Evaluation Procedures and Grading System.) Students are expected to maintain a 2.0 minimum GPA. Students who do not maintain this level of academic performance may be permitted to continue under academic warning or may be required to withdraw.

The assignment and reassignment of academic standing is based on a student's performance in a minimum of ★12. If, at the time of review, the student has attempted fewer than ★12 since the last assignment of academic standing, there will be a program review, but the assessment of academic standing will be deferred and the academic standing assigned at the last review will remain in effect until the next review.

A review of academic performance is conducted for each student at the end of each Fall/Winter, based on all courses completed during Fall/Winter. In addition, any courses taken during the preceding Spring/Summer will be included in the review. Students whose assessment was deferred at the last review will be assessed on the cumulative results of all courses completed since their last academic standing assignment.

Implications of Academic Standing

1. **First-Class standing and the Dean's List:** First-class standing in a given year is awarded to any undergraduate student who obtains a GPA of at least 3.5, the GPA to be computed on a minimum of ★24 taken during Fall/Winter. Students who attend in only one term of the Fall/Winter are eligible if they complete at least ★12 with a minimum GPA of 3.5. Dean's List: This

designation is given to students who achieve a GPA of at least 3.7 on a minimum of ★18 in Fall/Winter. Students who attend for only one term of Fall/Winter are eligible if they complete at least ★9 with a minimum GPA of 3.7.

- Satisfactory Standing:** Satisfactory standing is given to a student who achieves a GPA of at least 2.0. Students with satisfactory standing are academically eligible to continue studies in Augustana Faculty.
- Marginal standing:** Marginal standing is given to a student who achieves a GPA of 1.7 to 1.9. Students with marginal standing will be placed on academic warning and will normally have one period of assessment to return to satisfactory standing. Students failing to return to satisfactory standing will be required to withdraw from Augustana Faculty. Students with marginal standing will also be required to withdraw if they have previously had unsatisfactory or marginal standing at the end of any period of assessment at Augustana Faculty or have previously been required to withdraw from Augustana, another Faculty, or another postsecondary institution.
- Unsatisfactory standing:** Unsatisfactory standing is given to a student who obtains a GPA less than 1.7. Students with unsatisfactory standing will be required to withdraw from Augustana Faculty.

Other Regulations Related to Academic Standing

- A student who has been required to withdraw from Augustana or any other Faculty, or from another postsecondary program, will not be considered for readmission until at least one full year has elapsed.
- A student who has been required to withdraw from Augustana or any other Faculty after having previously been required to withdraw from Augustana, another Faculty, or from another postsecondary institution will not be considered for readmission except by special permission of the Associate Dean, Academic.

Documentation of Academic Standing

At the end of each academic year, a statement of grades is available on Bear Tracks (<https://www.beartracks.ualberta.ca>).

Graduation

Grades Required in Courses Presented for the Bachelor's Degree

- Courses presented for the Bachelor's degree are limited to those in which a grade of at least D has been attained. If a student has successfully completed more than the number of credits required for the degree, the courses presented to satisfy all the requirements are chosen to the student's advantage.
- A student must achieve a Graduation Grade Point Average (GGPA) of at least 2.0 to be eligible for a bachelor's degree. The GGPA is based on the last ★90 presented for the degree (whether earned at Augustana Faculty, University of Alberta or elsewhere).
- A student must achieve a GPA of at least 2.0 in each declared area of study. Each GPA major or minor is calculated over all presented courses that apply to the area of study, including those courses contributing to the first ★30.
- The degree is awarded "with distinction" to a student who achieves a GGPA (as defined in item 2, above) of at least 3.5.

Graduation Requirements

- Students wishing to receive an Augustana Faculty degree at an upcoming convocation must apply for graduation on Bear Tracks (<https://www.beartracks.ualberta.ca>) in accordance with the deadlines specified in Academic Schedule. Also see Graduation. The University of Alberta Augustana Faculty will hold one convocation ceremony each year at Augustana campus, normally scheduled in June. Students registered in Augustana Faculty who are eligible to graduate in Fall may attend the Fall convocation held on North campus.
- In order to graduate, a candidate must fulfill all program requirements and satisfy the grade point average and residence requirements specified above.
- If a graduand has not paid all outstanding fees and accounts, the degree parchment and transcripts will be withheld until all amounts owing are paid in full.

Grievances and Appeals

A copy of the Augustana Faculty regulations regarding appeals on grades and academic standing may be obtained from the Augustana Learning–Advising–Beyond Office. Certain academic standing decisions made by the Augustana Faculty Academic Appeals Committee may be appealed to the General Faculties Council Academic Appeals Committee. See Appeals and Grievances.

Note: Deadlines exist for submission of appeals. Contact the Faculty for details.

Courses

Course Listings

Augustana courses are listed in Course Listings under Augustana Faculty with the following subject headings:

Accounting (AUACC)
 Art (AUART)
 Biology (AUBIO)
 Chemistry (AUCHE)
 Classical Studies (AUCLA)
 Community Service Learning (AUCSL)
 Computing Science (AUCSC)
 Crime and Community (AUCRI)
 Drama (AUDRA)
 Economics (AUECO)
 Education Field Experience (AUEFX)
 Educational Computing (AUEDC)
 Educational Psychology (AUEPS)
 English (AUENG)
 English for Academic Purposes (AUEAP)
 Environmental Studies (AUENV)
 French (AUFRE)
 Geography (AUGEO)
 German (AUGER)
 Global and Development Studies (AUGDS)
 Greek (AUGRE)
 History (AUHIS)
 Interdisciplinary Studies (AUIDS)
 Language Studies (AULAN)
 Latin (AULAT)
 Management (AUMGT)
 Mathematics (AUMAT)
 Music (AUMUS)
 Philosophy (AUPHI)
 Physical Activity (AUPAC)
 Physical Education (AUPED)
 Physics (AUPHY)
 Political Studies (AUPOL)
 Psychology (AUPSY)
 Religion (AUREL)
 Scandinavian Studies (AUSCA)
 Sociology (AUSOC)
 Spanish (AUSPA)
 Statistics (AUSTA)
 World Literatures (AULIT)

Classification of Courses

In the determination of eligibility for an Augustana Faculty degree, courses are classified as follows:

- The following are classified as Science courses:
 - all Biology (AUBIO).
 - all Chemistry (AUCHE).
 - all Computing Science (AUCSC).
 - Economics AUECO 206, AUECO 309, AUECO 311, AUECO 449.
 - Environmental Studies AUENV 120, AUENV 132, AUENV 201, AUENV 210, AUENV 232, AUENV 233, AUENV 252, AUENV 261, AUENV 301, AUENV 320, AUENV 322, AUENV 324, AUENV 334, AUENV 335, AUENV

- 350, AUENV 353, AUENV 354, AUENV 359, AUENV 401, AUENV 420, AUENV 421, AUENV 425, AUENV 450, AUENV 459.
- Geography AUGEO 120, AUGEO 132, AUGEO 210, AUGEO 218, AUGEO 230, AUGEO 231, AUGEO 232, AUGEO 233, AUGEO 301, AUGEO 320, AUGEO 324, AUGEO 334, AUGEO 342, AUGEO 351, AUGEO 354, AUGEO 401, AUGEO 420, AUGEO 421, AUGEO 425.
 - Interdisciplinary Studies AUIDS 271, AUIDS 273, AUIDS 275, AUIDS 277, AUIDS 279, AUIDS 371, AUIDS 373, AUIDS 375, AUIDS 377, AUIDS 379, AUIDS 380, AUIDS 381, AUIDS 383, AUIDS 385.
 - Management AUMGT 206.
 - all Mathematics (AUMAT).
 - Physical Education AUPED 112, AUPED 215, AUPED 216, AUPED 232, AUPED 251, AUPED 314, AUPED 317, AUPED 343, AUPED 344, AUPED 374, AUPED 375, AUPED 393, AUPED 414, AUPED 497.
 - all Physics (AUPHY).
 - Psychology (AUPSY) courses having odd numbers (last digit is 1, 3, 5, 7, or 9).
 - all Statistics (AUSTA).
2. The following courses are designated as Social Science courses (and for the purposes of the BA are also categorized as Arts courses):
- Classics AUCLA 221, AUCLA 222, AUCLA 223, AUCLA 224.
 - all Community Service-Learning (AUCSL).
 - all Crime and Community (AUCRI).
 - all Economics (AUECO) except AUECO 206, AUECO 309, AUECO 311, AUECO 449.
 - Environmental Studies AUENV 202, AUENV 260, AUENV 302, AUENV 327, AUENV 328, AUENV 341, AUENV 344, AUENV 358, AUENV 375, AUENV 402, AUENV 458, AUENV 475.
 - Geography AUGEO 150, AUGEO 242, AUGEO 302, AUGEO 341, AUGEO 402.
 - all Global and Development Studies (AUGDS).
 - all History (AUHIS).
 - Interdisciplinary Studies AUIDS 121, AUIDS 160, AUIDS 221, AUIDS 230, AUIDS 250, AUIDS 260, AUIDS 292, AUIDS 384.
 - all Language Studies (AULAN).
 - Management AUMGT 323, AUMGT 360, AUMGT 422.
 - Philosophy AUPHI 240, AUPHI 241, AUPHI 340.
 - all Physical Education (AUPED) except AUPED 112, AUPED 215, AUPED 216, AUPED 232, AUPED 251, AUPED 275, AUPED 314, AUPED 317, AUPED 343, AUPED 344, AUPED 374, AUPED 375, AUPED 393, AUPED 414, AUPED 497.
 - all Political Studies (AUPOL).
 - all Psychology (AUPSY) courses having even numbers (last digit is 0, 2, 4, 6, or 8).
 - Religion AUREL 260, AUREL 266.
 - Scandinavian Studies AUSCA 231.
 - Spanish AUSPA 240, AUSPA 241, AUSPA 250, AUSPA 251, AUSPA 252, AUSPA 253, AUSPA 340, AUSPA 341.
 - all Sociology (AUSOC).
3. The following courses are classified as Humanities courses (and for the purposes of the BA are also categorized as Arts courses).
- Art AUART 365.
 - all Classics (AUCLA) except AUCLA 221, AUCLA 222, AUCLA 223, AUCLA 224.
 - Drama AUDRA 312.
 - all English (AUENG) except AUENG 319, AUENG 385.
 - all English for Academic Purposes (AUEAP).
 - Environmental Studies AUENV 268, AUENV 269, AUENV 345, AUENV 355, AUENV 368, AUENV 369.
 - all French (AUFRE).
 - all German (AUGER).
 - all Greek (AUGRE).
 - Interdisciplinary Studies AUIDS 300, AUIDS 310, AUIDS 311, AUIDS 340, AUIDS 382.
 - all Latin (AULAT).
 - all Philosophy (AUPHI) except AUPHI 240, AUPHI 241, AUPHI 340, AUPHI 366.
 - all Religion (AUREL) except AUREL 260, AUREL 266.
 - all Scandinavian Studies (AUSCA) except AUSCA 231.
 - all Spanish (AUSPA) except AUSPA 240, AUSPA 241, AUSPA 250, AUSPA 251, AUSPA 252, AUSPA 253, AUSPA 340, AUSPA 341.
 - all World Literature (AULIT).
4. The following courses are classified as Fine Arts courses (and for the purposes of the BA are also categorized as Arts courses).
- all Art (AUART), except AUART 365.
 - all Drama (AUDRA) except AUDRA 312.
 - English AUENG 319, AUENG 385.
 - all Music (AUMUS).
 - Philosophy AUPHI 366.
5. Education courses (AUEDC, AUEFX, AUEPS) and Management courses (all AUACC and all AUMGT except AUMGT 206, AUMGT 323, AUMGT 360, AUMGT 422) and AUPED 275 are classified as specialized professional courses [see General Regulations Governing Course Selections (3) and General Regulations Governing Course Selections (4)].
6. All other courses not identified in (1) to (5) above are classified as Arts courses.

Programs

Bachelor of Arts (BA)

Overview

The Bachelor of Arts degree consists of ★120 arts and science, including at least ★55 arts (see Classification of Courses). The ★120 in the program are made up of the Engagement and Knowledge components of the Augustana Core, a major subject, an optional minor, and options, as follows:

The Augustana Core: Engagement

Engagement requirements consist of five different categories. A student must complete ★15 from at least three of the five categories with no more than ★6 in any one category; courses which satisfy these requirements may overlap with a student's major:

- Creative & Imaginative Process
- Diversity and Global Studies
- Environmental Sustainability
- Experiential Learning
- Integrating Knowledge

For more detail on which courses may be counted towards these categories, see Augustana Chart 1 Core Engagement Requirements.

The Augustana Core: Knowledge

The ★21 Breadth of Knowledge requirements consist of four different categories; the ★21 credits counted towards these categories may not overlap with a student's first major:

- ★3 Fine Arts
- ★6 Humanities
- ★6 Science
- ★6 Social sciences

For the actual classification of Augustana courses within these categories, see Classification of Courses.

Note: The same credit may not be counted twice in courses that relate to more than one category within the Engagement and Knowledge components of the Augustana Core; that is, a total of 36 different credits must be earned to fulfill these requirements.

Major subject:

★42-60 in one discipline (with the minimum number of credits specified by the discipline), including no more than ★12 at the junior level (except when required in a discipline with a performance component or in an

interdisciplinary program that requires junior courses from several different disciplines) and including a minimum of ★9 at the 300- and 400-level, of which at least ★3 must be at the 400-level. Normally no more than ★60 in one discipline will be credited towards the degree. In some cases, a major may also require courses in one or more disciplines outside the major; these may be prerequisites for specific courses in the major and/or courses supporting the major in a more general way (up to a maximum of ★24).

Note: A student should be aware that it may not be possible to complete certain combinations of majors, or combinations of majors and minors, without extending the time required to earn the degree.

Optional minor:

A minimum of ★18 in one discipline or approved interdisciplinary area, including at least ★12 at the senior level.

Options:

★3-21 (or more, depending on the amount of overlap between the core and the requirements for the major, and/or minor) of the student's choice (see General Regulations Governing Course Selections). A student may choose to use options to work toward a minor, or second major but should be aware that a double major normally requires more than ★120 in the degree program.

Residence Requirements

Students registered in a BA program must complete at least ★60 offered by the Augustana Faculty, at least ★54 of which must be at the senior level. However, language or other study abroad may, with special permission of the Associate Dean, Academic, count toward the residence requirement. Note: Students transferring into this degree program within the framework of a Faculty-approved transfer agreement must complete ★60 of the final credits of their degree program with credits offered by the Augustana Faculty.

BA Major/Minor Requirements

Art

Major in Visual Art

Requirements

- AUART 101 - Introduction to the History of Art I
- AUART 102 - Introduction to the History of Art II
- AUART 111 - Studio Foundation I
- AUART 112 - Studio Foundation II - 3-D and Colour Theory **OR**
- AUART 113
- Any AUART course to be used as a prerequisite for subsequent AUART courses must be passed with a minimum of C- (or equivalent).
- A grade of D or D+ in a Major subject may normally be credited only once in the student's Art Major program. Any subsequent course for which a grade of either D or D+ is received must be repeated for degree credit or an alternative course, approved by the Department, must be substituted.

Senior credits as follows:

- 6 additional senior art history credits
- AUART 231 - Drawing I
- AUART 232 - Drawing II
- AUART 271 - Painting I
- AUART 272 - Painting II
- AUART 331 - Drawing III
- AUART 411 - Visual Explorations

Two of

- AUART 215 - Sculpture I
- AUART 365 - Aesthetics and Visual Culture
- AUART 367 **OR**
- AUART 467
- AUART 371 - Painting III

Additional information for students

A student intending to pursue graduate studies in Art is urged to take additional credits in Art.

Drama and Music courses should be taken (as options) to enrich the concentration in Art.

Art supplies for studio courses are the responsibility of the student.

It is recommended that initial courses in studio be taken in the following sequence: Foundation, Drawing, Painting.

Some senior Art courses are offered in alternate years only.

Recommended first-year program

Required courses: ★12

- AUART 101 - Introduction to the History of Art I
- AUART 102 - Introduction to the History of Art II
- AUART 111 - Studio Foundation I
- AUART 112 - Studio Foundation II - 3-D and Colour Theory **OR**
- AUART 113

Minor in Art History

Requirements

- AUART 101 - Introduction to the History of Art I
- AUART 102 - Introduction to the History of Art II **OR**
- AUART 111 - Studio Foundation I
- ★12 senior Art courses of which at least ★9 must be Art History.

Minor in Art Studio

Requirements

- AUART 111 - Studio Foundation I
- AUART 112 - Studio Foundation II - 3-D and Colour Theory **OR**
- AUART 113
- ★12 senior Art courses at least ★3 of which must be in one of
- AUART 331 - Drawing III
- AUART 371 - Painting III
- AUART 215 - Sculpture I

Biology

Major in Biology

A student may choose a BA or BSc in Biology. See Augustana Faculty for Admission Requirements.

Requirements

- AUBIO 111 - Integrative Biology I
- AUBIO 112 - Integrative Biology II
- AUBIO 230 - Molecular Cell Biology
- AUBIO 253 - Ecological Interactions
- AUBIO 260 - Principles of Genetics
- AUBIO 280 - Biochemistry: Proteins, Enzymes and Energy
- AUBIO 323 - Plant Biology **OR**
- AUBIO 394 - Comparative Invertebrate Zoology **OR**
- AUBIO 395 - Vertebrate Form and Function **OR**
- AUBIO 397 - Vertebrate Physiology
- AUBIO 338 - Developmental Biology **OR**
- AUBIO 438 - Evolutionary Development Biology
- AUBIO 390 - Animal Behaviour **OR**
- AUBIO 413 - Advanced Topics in Evolutionary Ecology **OR**
- AUBIO 495 - Mammalogy
- AUBIO 411 - History and Theory of Biology
- ★12 additional AUBIO
- At least 6 of the credits in requirements (4)-(7) must be at the 400-level.

Supporting courses: ★6 in chemistry:

- AUCHE 110 - General Chemistry I
- AUCHE 250 - Organic Chemistry I

The BSc in Biology requires the following additional supporting courses:

- AUCHE 112 - General Chemistry II
- ★3 AUMAT (excluding AUMAT 107)
- AUSTA 215 - Statistical Methods for the Natural Sciences

Note: At least ★3 AUPHY is recommended for students in the BSc program who do not have credit in Physics 30. Students interested in pursuing graduate studies in biochemistry, cell biology, or physiology are advised to complete ★6 AUPHY.

Additional information for students

2. A student considering a professional career in biology upon completion of the degree is advised that membership in the Alberta Society of Professional Biologists requires the completion of a biology degree program that includes 25 full-term courses (★75) in science courses, including at least 15 courses (★45) in biological sciences (biology, botany, ecology, microbiology, zoology, etc.), of which at least 4 courses (★12) are at the 300- or 400-level.
1. A student interested in a profession within the health sciences (medicine, veterinary medicine, optometry, etc.) should enrol in the BSc, consider as well a minor in Chemistry plus ★3 in Mathematics; and take an English literature course in the first year. The student should check with professional schools of interest for specific courses required for admission.
2. Recommended course for a student interested in botany: AUBIO 323.
3. Recommended courses for a student interested in invertebrate zoology: AUBIO 350, AUBIO 390, AUBIO 394, AUBIO 413, AUBIO 459.
4. Recommended courses for a student interested in vertebrate zoology: AUBIO 350, AUBIO 390, AUBIO 395, AUBIO 397, AUBIO 413, AUBIO 495.
5. Recommended options include Chemistry, Mathematics, and Physics.
6. AUPHI 350 and AUPHI 355 are highly recommended.
7. Plans for taking AUBIO 318, AUBIO 319, AUBIO 418, or AUBIO 419, should be discussed with the Department Chair or Academic Advisor in the year preceding registration in the course.
8. Many senior Biology courses are offered only in alternate years.

Recommended first-year program**Required courses:**

- AUBIO 111 - Integrative Biology I
- AUBIO 112 - Integrative Biology II
- AUCHE 110 - General Chemistry I

Required courses in the BSc

- (these may be replaced with options in the BA).
- AUCHE 112 - General Chemistry II
- ★3 Mathematics

Recommended courses

- ★3 Mathematics.
- ★6 Literature.

Minor in Biology**Requirements**

- AUBIO 111 - Integrative Biology I **OR**
- AUBIO 112 - Integrative Biology II
- ★9 in senior level AUBIO
- ★3 in AUBIO at the 300- or 400-level
- 3 additional credits in AUBIO

Chemistry**Major in Chemistry**

A student may choose a BA or BSc in Chemistry. See Augustana Faculty for Admission Requirements.

Requirements

- AUCHE 110 - General Chemistry I
- AUCHE 112 - General Chemistry II
- AUCHE 220 - Analytical Chemistry
- AUCHE 230 - Inorganic Chemistry I
- AUCHE 250 - Organic Chemistry I
- AUCHE 279 - Physical Chemistry
- AUCHE 405 - Selected Topics in Chemistry
- AUCHE 450 - Enzymes and Enzyme Mechanisms
- AUCHE 485 - Selected Topics in Biochemistry
- An additional 21 senior credits in AUCHE, at least ★6 of which must be at the 300- or 400-level. **The BSc in Chemistry requires that AUCHE 277 be taken to satisfy ★3 of this requirement.**

Supporting courses:

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**
- AUMAT 116 - Elementary Calculus I

Note: The BSc in Chemistry requires additional supporting courses: ★3 AUMAT 112 and ★6 AUPHY (including AUPHY 120, which is a prerequisite for AUCHE 277).

Additional information for students

3. Students interested in a graduate degree in Chemistry (i.e., MSc, PhD) should enrol in the BSc program and take more than the minimum required credits (in total and at the 400-level).
 1. ★3 in Statistics are recommended. Some senior courses are offered in alternate years.
 2. Plans for taking a Chemistry project course should be discussed with the Department Chair in the year prior to registering in the course.
 3. A student is advised to take the Mathematics supporting courses early in the program. Note that AUMAT 110, AUMAT 111, or AUMAT 116 is a recommended corequisite for AUCHE 220 and AUCHE 222 is required for AUCHE 279; that AUMAT 211 is a recommended corequisite for AUCHE 277 and a required prerequisite for AUCHE 377; and that AUMAT 120 is a required prerequisite for AUCHE 430.

Recommended first-year program**Required courses:**

- AUCHE 110 - General Chemistry I
- AUCHE 112 - General Chemistry II

Recommended courses:

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**
- AUMAT 116 - Elementary Calculus I
- AND
- AUMAT 112 - Elementary Calculus II
- AUPHY 110 - Mechanics
- AUPHY 120 - Waves, Thermodynamics, and Optics

Minor in Chemistry**Requirements**

- AUCHE 110 - General Chemistry I
- AUCHE 112 - General Chemistry II
- ★9 in senior level AUCHE
- 3 additional credits in AUCHE at the 300 or 400-level

Classical Studies**Minor in Classical Studies****Requirements**

- 6 junior credits in AUCLA, AUGRE, and/or AULAT
- 12 senior credits in AUCLA, AUGRE, and/or AULAT

Computing Science

Major in Computing Science

A student may choose a BA or BSc in Computing Science. See Augustana Faculty for Admission Requirements.

Requirements

General Stream

- AUCSC 111 - Introduction to Computational Thinking and Problem Solving
- AUCSC 112 - Data Structures and Algorithms
- AUCSC 220 - Software Engineering I
- AUCSC 250 - Computer Organization and Architecture I
- AUCSC 310 - Algorithm Design and Analysis
- AUCSC 370 - Programming Languages
- AUCSC 490 - Social and Ethical Issues for Computing Professionals
- ★15 additional senior credits in Computing Science, including at least an additional ★3 at the 400-level (other than AUCSC 401 and AUCSC 402).

★6 from

- AUCSC 320 - Software Engineering II
- AUCSC 330 - Database Management Systems I
- AUCSC 350 - Computer Organization and Architecture II
- AUCSC 380 - Operating Systems Concepts

Supporting courses: ★12 AUMAT including

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**
- AUMAT 116 - Elementary Calculus I
-
- AUMAT 120 - Linear Algebra I
- AUMAT 250 - Discrete Mathematics
- ★3 AUSTA

Practicum Stream:

- AUCSC 401 and AUCSC 402, plus all the requirements of the General Stream as listed above.

Additional information for students

4. AUCSC 112 requires AUMAT 110 or AUMAT 111, or AUMAT 116 and AUMAT 120 as corequisites.
1. AUCSC 340 requires AUMAT 211 as a prerequisite, which in turn requires AUMAT 112 as a prerequisite.
2. At least ★3 in Physics is recommended.
3. Many senior Computing Science courses are offered in alternate years only. Some 300- and 400-level Computing Science courses are offered only if there is sufficient student demand.
4. AUCSC 401 and AUCSC 402 are practicum courses available to a limited number of senior Computing Science majors. Each of these courses provides four months of practical experience either through employment in an information systems context with an external organization, or through a directed self-study (possibly leading to a professional certification).

Recommended first-year program

Required courses

- AUCSC 111 - Introduction to Computational Thinking and Problem Solving
- AUCSC 112 - Data Structures and Algorithms

★6

- AUMAT 110 - Elementary Calculus I
- AUMAT 111
- AUMAT 116 - Elementary Calculus I
- AUMAT 120 - Linear Algebra I

Minor in Computing Science

Requirements

- AUCSC 111 - Introduction to Computational Thinking and Problem Solving
- AUCSC 112 - Data Structures and Algorithms
- 12 senior credits in Computing Science

Drama

Major in Drama

Requirements

- AUDRA 101 - Play Analysis
- AUDRA 144 - Improvisation I: Introduction
- AUDRA 201 - History and Critical Analysis of Theatre
- AUDRA 230 - Acting Techniques I
- AUDRA 244 - Improvisation II: Workshop and Performance
- AUDRA 340 - Movement for the Theatre
- AUDRA 350 - Introduction to Directing

- AUDRA 437 - Senior Showcase **OR**
- AUDRA 444 - Improvisation IV: Story Theater

- 3 additional credits in Drama at the 400-level
- 15 additional senior credits in Drama

Additional information for students

5. A student intending to pursue graduate studies in Drama is strongly advised to choose additional credits in Drama.
1. Art, English, History and Music courses should be taken (as options) to enrich the major in Drama.
2. Many senior Drama courses are offered in alternate years only.

Recommended first-year program

Required courses:

- AUDRA 101 - Play Analysis
- AUDRA 144 - Improvisation I: Introduction

Minor in Drama

Requirements

- AUDRA 101 - Play Analysis
- AUDRA 144 - Improvisation I: Introduction
- ★12 in senior level Drama.

Economics

Major in Economics

See Augustana Faculty for Admission Requirements.

Requirements

Students select one of two streams: the general economics stream or the economics and mathematics stream.

General Economics Stream

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- AUECO 190
- AUECO 203 - Intermediate Microeconomic Analysis I
- AUECO 204 - Intermediate Macroeconomic Analysis I
- AUECO 384 - Intermediate Microeconomic Analysis II
- AUECO 385 - Intermediate Macroeconomic Analysis II
- AUECO 206 - Mathematics in Economics and Finance
- AUECO 311 - Introductory Econometrics
- AUECO 490
- 9 additional senior credits in Economics of which at least ★3 must be at the 400-level.

★3 in applied microeconomics courses:

- AUECO 323 - Industrial Organization
- AUECO 325
- AUECO 328
- AUECO 341 - Environmental Economics
- AUECO 346 - Agricultural Economics
- AUECO 393 - Public Sector Economics

★3 in financial or international economics courses:

- AUECO 258 - The International Economy in Historical Perspective II
- AUECO 333 - Money and Banking in Canada
- AUECO 336 - Economics of Financial Markets

- AUECO 360 - International Economics
- AUECO 363 - International Finance
- AUECO 364 - Development Economics

Supporting courses:

- AUMAT 110 - Elementary Calculus I
- AUMAT 116 - Elementary Calculus I
- AUSTA 153 - Introductory Applied Statistics

Economics and Mathematics Stream

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- AUECO 190
- AUECO 203 - Intermediate Microeconomic Analysis I
- AUECO 204 - Intermediate Macroeconomic Analysis I
- AUECO 384 - Intermediate Microeconomic Analysis II
- AUECO 385 - Intermediate Macroeconomic Analysis II
- AUECO 311 - Introductory Econometrics
- AUECO 490
- AUMAT 110 - Elementary Calculus I
- AUMAT 112 - Elementary Calculus II
- AUMAT 116 - Elementary Calculus I
- AUMAT 120 - Linear Algebra I
- AUMAT 211 - Intermediate Calculus I
- AUMAT 212 - Intermediate Calculus II
- AUMAT 250 - Discrete Mathematics
- AUMAT 330 - Ordinary Differential Equations
- ★9 in applied microeconomics, financial economics, or international economics. At least ★3 must be at the 400 level.
- ★3 additional AUMAT credits at the 200 level or higher.

Supporting course:

- AUSTA 153 - Introductory Applied Statistics

Additional information for students

1. A student considering graduate work in Economics is advised to take the Economics and Mathematics stream
2. Many senior Economics courses are offered in alternate years only.

Recommended first-year program

General economics stream

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- AUECO 190

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 116 - Elementary Calculus I

- AUSTA 153 - Introductory Applied Statistics

Mathematical economics stream

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- AUECO 190

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 116 - Elementary Calculus I

- AUMAT 120 - Linear Algebra I

- AUSTA 153 - Introductory Applied Statistics

Minor in Economics

Requirements

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- AUECO 190
- ★9 additional senior credits in Economics

★3 from economic history or history of economic thought courses:

- AUECO 215 - Economic Thought
- AUECO 251 - History of Canadian Economic Development
- AUECO 257 - The International Economy in Historical Perspective I
- AUECO 258 - The International Economy in Historical Perspective II

English

Major in English

Requirements

- ★15 additional senior credits in English
- ★12 overlapping in AUENG at the 300- and/or 400-level from courses listed above (2) - (7), ★6 of which must be at the 400-level

★6 AUENG from

- AUENG 102 - Critical Reading, Critical Writing
- AUENG 103 - English Literature from the Romantic Period to the Present
- AUENG 104 - English Literature from the Middle Ages to the Romantic Period

★6 Medieval and Renaissance Literature

- AUENG 221 - Chaucer
- AUENG 225 - Middle Ages
- AUENG 230 - The Early English Renaissance
- AUENG 231 - The Later English Renaissance
- AUENG 233 - Shakespeare
- AUENG 239 - Milton
- AUENG 321 - Chaucer
- AUENG 325 - Middle Ages
- AUENG 330 - The Early English Renaissance
- AUENG 331 - The Later English Renaissance
- AUENG 333 - Shakespeare
- AUENG 339 - Milton
- AUENG 410 - Contemporary Issues in Renaissance Literature

★3 Eighteenth-Century or Nineteenth-Century British Literature

- AUENG 241 - The Augustan Age
- AUENG 243 - The Age of Sensibility
- AUENG 252 - The British Romantic Period
- AUENG 254 - The Earlier Victorian Age
- AUENG 255 - The Later Victorian Age
- AUENG 341 - The Augustan Age
- AUENG 343 - The Age of Sensibility
- AUENG 351
- AUENG 352 - The British Romantic Period
- AUENG 354 - The Earlier Victorian Age
- AUENG 355 - The Later Victorian Age

★6 Canadian, U.S., Aboriginal/Indigenous, World Literature in English

- AUENG 207 - Aboriginal/Indigenous Literature
- AUENG 208 - African Literature
- AUENG 270 - United States Literature to 1865
- AUENG 271 - United States Literature since 1865
- AUENG 280 - Canadian Literature to 1950
- AUENG 281 - Canadian Literature since 1950
- AUENG 307 - Aboriginal/Indigenous Literature
- AUENG 308 - African Literature
- AUENG 370 - United States Literature to 1865
- AUENG 371 - United States Literature since 1865
- AUENG 380 - Canadian Literature to 1950
- AUENG 381 - Canadian Literature since 1950
- AUENG 385 - Modern Canadian Drama

★3 Twentieth and Twenty-first Century Literature

- AUENG 261 - The Modern British Novel
- AUENG 265 - Modern and Contemporary Poetry
- AUENG 267 - Contemporary Literature
- AUENG 268 - Women and Environmental Literature
- AUENG 269 - The End of the World: Contemporary Apocalyptic Literature
- AUENG 361 - The Modern British Novel
- AUENG 365 - Modern and Contemporary Poetry
- AUENG 367 - Contemporary Literature
- AUENG 368 - Women and Environmental Literature
- AUENG 369 - The End of the World: Contemporary Apocalyptic Literature

★3 Criticism or Theory

- AUENG 290 - History of English Literary Criticism
- AUENG 291 - Contemporary Criticism
- AUENG 292 - Feminist Critical Theory and Women's Writing
- AUENG 390 - History of English Literary Criticism
- AUENG 392 - Feminist Critical Theory and Women's Writing

Additional information for students

1. Senior courses should be taken from a variety of instructors, and in a broad range of genres, historical periods, and national literatures.
2. A student considering graduate studies should take as many additional courses in English as possible. Furthermore, such a student should take at least ★6 in a second language.
3. Many senior English courses are offered in alternate years only.

Recommended first-year program

Required courses:

- AUENG 103 - English Literature from the Romantic Period to the Present
- AUENG 104 - English Literature from the Middle Ages to the Romantic Period

Minor in English

Requirements

- AUENG 102 - Critical Reading, Critical Writing
- AUENG 103 - English Literature from the Romantic Period to the Present
- AUENG 104 - English Literature from the Middle Ages to the Romantic Period

12 senior credits in English, no more than 9 of which can be writing courses

- (i.e.)
- AUENG 215 - Creative Writing
- AUENG 314 - Advanced Creative Writing: Poetry
- AUENG 316 - Advanced Creative Writing: Fiction
- AUENG 317 - Expository Writing
- AUENG 318 - Creative Writing Long Manuscript, Novel
- AUENG 319 - Playwriting

Environmental Science (BSc)/Environmental Studies (BA)

Major in Environmental Science/Studies

A student may choose a BSc in Environmental Science or a BA in Environmental Studies. See Augustana Faculty for Admission Requirements.

Requirements

- ★6 overlapping credits at the 400-level from the courses listed in requirements ★12 in environmental studies, ★6 in environmental perspectives-★3 in applied environmental studies and Additional non-overlapping.
- Additional non-overlapping credits

★12 in environmental studies

- AUECO 341 - Environmental Economics
- AUENV 120 - Human Activities and the Natural Environment
- AUENV 324 - Resource and Environmental Management
- AUENV 341 - Environmental Economics
- AUENV 421 - Environmental Science: History and Impacts
- AUGEO 120 - Human Activities and the Natural Environment
- AUGEO 324 - Resource and Environmental Management
- AUGEO 421 - Environmental Science: History and Impacts

★3 in ecology

- AUBIO 253 - Ecological Interactions

★3 in earth science

- AUGEO 230 - Geomorphology
- AUGEO 231 - Climatology

★6 in environmental perspectives

- AUENG 268 - Women and Environmental Literature
- AUENG 269 - The End of the World: Contemporary Apocalyptic Literature
- AUENG 327
- AUENG 368 - Women and Environmental Literature
- AUENG 369 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 268 - Women and Environmental Literature
- AUENV 269 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 327 - Environmental Education and Heritage Interpretation

- AUENV 328 - Environmental Politics
- AUENV 344 - Environmental Psychology
- AUENV 345 - Religion and Ecology
- AUENV 355 - Philosophy, Technology, and the Environment
- AUENV 358 - Environmental Sociology
- AUENV 368 - Women and Environmental Literature
- AUENV 369 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 375 - Canadian Environmental History
- AUENV 458
- AUENV 475 - Canadian Environmental History
- AUHIS 375 - Canadian Environmental History
- AUHIS 475 - Canadian Environmental History
- AUPHI 355 - Philosophy and the Environment
- AUPOL 328 - Environmental Politics
- AUPSY 344 - Environmental Psychology
- AUREL 345 - Religion and Ecology
- AUSOC 358 - Environmental Sociology
- AUSOC 458

★3 in applied environmental studies

- AUBIO 322 - Economic Botany
- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUBIO 350 - Conservation Theory and Biodiversity in Tropical Systems
- AUBIO 354 - Freshwater Ecology and Management
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUECO 449 - Economic Methods of Project Evaluation
- AUENV 252 - Wildlife Diversity of Alberta
- AUENV 320 - Parks and Wilderness
- AUENV 322 - Economic Botany
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUENV 335 - Wildlife Ecology and Management
- AUENV 350 - Conservation Theory and Biodiversity in Tropical Systems
- AUENV 354 - Freshwater Ecology and Management
- AUENV 420 - Parks and Wilderness
- AUENV 425 - Environmental Impact Assessment
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGEO 218 - Introduction to Geographic Information Systems
- AUGEO 320 - Parks and Wilderness
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUGEO 420 - Parks and Wilderness
- AUGEO 425 - Environmental Impact Assessment

For the BSc in Environmental Science:

- An additional ★6 in applied environmental studies from ★3 in applied environmental studies above

★3 in outdoor experience or practica

- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUENV 132
- AUENV 232
- AUENV 260 - Environmental Studies Practicum
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGEO 132
- AUGEO 232
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUGEO 343 - Expedition in the Canadian North
- AIDS 260
- AUPED 184 - Introduction to Outdoor Education
- AUPED 285 - Introduction to Ski Touring
- AUPED 286 - Outdoor Education and Leadership
- AUPED 388 - Arctic Canoe Expedition

★6 from the following:

- AUBIO 222
- AUBIO 320 - Plant Autecology
- AUBIO 321 - Plant Synecology
- AUBIO 323 - Plant Biology
- AUBIO 423
- AUBIO 274 - Microbiology
- AUBIO 294
- AUBIO 341 - Entomology
- AUBIO 343 - Insect Ecology
- AUBIO 355 - Ecological Dynamics
- AUBIO 390 - Animal Behaviour
- AUBIO 395 - Vertebrate Form and Function

- AUBIO 397 - Vertebrate Physiology
- AUBIO 495 - Mammalogy
- AUBIO 351 - Biogeography
- AUGEO 351 - Biogeography
- AUBIO 413
- AUCHE 220 - Analytical Chemistry
- AUENV 201 - Directed Studies
- AUENV 301 - Directed Studies
- AUENV 401 - Directed Studies
- AUENV 252 - Wildlife Diversity of Alberta
- AUENV 327 - Environmental Education and Heritage Interpretation
- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUGEO 218 - Introduction to Geographic Information Systems
- AUGEO 230 - Geomorphology
- AUGEO 231 - Climatology
- AUMAT 332 - Mathematical Ecology and Dynamical Systems

For the BA in Environmental Studies (General stream):

- An additional ★6 in environmental perspectives from above

An additional ★6 in applied environmental studies from above and/or from the following:

- AUBIO 222
- AUBIO 320 - Plant Autecology
- AUBIO 321 - Plant Synecology
- AUBIO 323 - Plant Biology
- AUBIO 423
- AUBIO 274 - Microbiology
- AUBIO 294
- AUBIO 341 - Entomology
- AUBIO 343 - Insect Ecology
- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUBIO 355 - Ecological Dynamics
- AUBIO 390 - Animal Behaviour
- AUBIO 395 - Vertebrate Form and Function
- AUBIO 397 - Vertebrate Physiology
- AUBIO 495 - Mammalogy
- AUBIO 351 - Biogeography
- AUGEO 351 - Biogeography
- AUBIO 413 - Advanced Topics in Evolutionary Ecology
- AUCHE 220 - Analytical Chemistry
- AUENV 201 - Directed Studies
- AUENV 301 - Directed Studies
- AUENV 401 - Directed Studies
- AUENV 202 - Directed Reading
- AUENV 302 - Directed Reading
- AUENV 402 - Directed Reading
- AUENV 233 - Soil Science and Soil Resources
- AUGEO 233 - Soil Science and Soil Resources
- AUENV 252 - Wildlife Diversity of Alberta
- AUENV 327 - Environmental Education and Heritage Interpretation
- AUGEO 230 - Geomorphology
- AUGEO 231 - Climatology
- AUMAT 332 - Mathematical Ecology and Dynamical Systems

★3 in outdoor experience or practica

- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUENV 132
- AUENV 232
- AUENV 260 - Environmental Studies Practicum
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGEO 132
- AUGEO 232
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUGEO 343 - Expedition in the Canadian North
- AUIDS 260
- AUPED 184 - Introduction to Outdoor Education
- AUPED 285 - Introduction to Ski Touring
- AUPED 286 - Outdoor Education and Leadership
- AUPED 388 - Arctic Canoe Expedition

For the BA in Environmental Studies (Outdoor Education stream):

- AUPED 184 - Introduction to Outdoor Education **OR**
- AUPED 285 - Introduction to Ski Touring
- AUGEO 343 - Expedition in the Canadian North **OR**
- AUPED 286 - Outdoor Education and Leadership **OR**
- AUPED 388 - Arctic Canoe Expedition
- AUPED 383 - Programming and Processing the Adventure Experience
- AUPED 389 - Foundations of Outdoor, Adventure, and Experiential Education
- Certification in wilderness emergency care; and instructor-level certification in two outdoor education activities such as skiing, canoeing, or orienteering (these certifications must be current on the date of graduation).

★3 from

- AUPAC 109
- AUPAC 125 - Canoeing
- AUPAC 134 - Indoor Climbing
- AUPAC 209
- AUPAC 225 - Advanced Canoeing
- AUPAC 270 - Adventure Games
- AUPAC 326 - Moving Water Canoeing: Skill and Instructional Development

Supporting courses:

- AUECO 101 - Introduction to Microeconomics
- AUSTA 215 - Statistical Methods for the Natural Sciences

The BSc in Environmental Science requires additional supporting courses:

- ★6 Chemistry.
- ★3 Mathematics (excluding AUMAT 107).
- ★6 Physics.

Additional information for students

1. Students considering graduate studies should take a directed reading, directed studies, or directed project in the field.
2. A student in the BA Environmental Studies (Outdoor Education stream) is strongly advised to take one of AUBIO 395 and AUBIO 397; or AUPED 112, AUPED 215 and AUPED 216.
3. A student interested in a career in environmental health and safety, air quality, water quality, and land management is encouraged to take additional credits from AUCHE 220, AUCHE 230, AUCHE 232, AUCHE 250, AUCHE 252, and AUCHE 330. A student interested in air quality should also take AUGEO 231. A student interested in land management should also take AUGEO 230.
4. A student interested in a career in vertebrate ecology is encouraged to take additional credits from AUBIO 350, AUBIO 359, AUBIO 390, AUBIO 393, AUBIO 395, AUBIO 450, AUBIO 459, AUBIO 493, AUENV 350, AUENV 359, AUENV 450, AUENV 459.
5. A student interested in a career in plant ecology is encouraged to take additional credits from AUBIO 320, AUBIO 321, AUBIO 322, AUBIO 323, AUBIO 423, AUENV 322.
6. AUIDS 380, AUIDS 381, AUIDS 382/AUIDS 383, AUIDS 384/AUIDS 385, AUPHI 350 are highly recommended.
7. Plans for taking AUENV 301, AUENV 302, AUENV 401, or AUENV 402 should be discussed with the Department Chair and supervising instructor in the year preceding registration in the course.
8. Many senior courses are offered only in alternate years; some of these require additional prerequisites.

Recommended first-year program

Required courses for all streams

- AUECO 101 - Introduction to Microeconomics
- AUENV 120 - Human Activities and the Natural Environment **OR**
- AUGEO 120 - Human Activities and the Natural Environment

For the BSc stream, additional required courses:

- AUCHE 110 - General Chemistry I
- AUCHE 112 - General Chemistry II
- ★3 Mathematics
- ★6 Physics

For the BA general stream, additional recommended courses:

- AUREL 100 - Exploring Religious Meaning
- AUPSY 102 - Individual and Social Behaviour

For the BA outdoor education stream, additional required courses:

- AUPED 184 - Introduction to Outdoor Education
- AUBIO 130 **OR**
- AUPED 112 - Structural Human Anatomy

Minor in Environmental Studies**Requirements**

- AUENV 120 - Human Activities and the Natural Environment **OR**
- AUGEO 120 - Human Activities and the Natural Environment
- AUBIO 253 - Ecological Interactions

★3 in environmental analysis

- AUECO 341 - Environmental Economics
- AUENV 324 - Resource and Environmental Management
- AUENV 341 - Environmental Economics
- AUENV 421 - Environmental Science: History and Impacts
- AUGEO 324 - Resource and Environmental Management
- AUGEO 421 - Environmental Science: History and Impacts

★3 in earth science

- AUGEO 230 - Geomorphology
- AUGEO 231 - Climatology

★3 of applied environmental studies

- AUBIO 322 - Economic Botany
- AUBIO 350 - Conservation Theory and Biodiversity in Tropical Systems
- AUBIO 354 - Freshwater Ecology and Management
- AUBIO 359
- AUBIO 450
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUECO 449 - Economic Methods of Project Evaluation
- AUENV 252 - Wildlife Diversity of Alberta
- AUENV 320 - Parks and Wilderness
- AUENV 322 - Economic Botany
- AUENV 350 - Conservation Theory and Biodiversity in Tropical Systems
- AUENV 354 - Freshwater Ecology and Management
- AUENV 359
- AUENV 420 - Parks and Wilderness
- AUENV 425 - Environmental Impact Assessment
- AUENV 450
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGEO 218 - Introduction to Geographic Information Systems
- AUGEO 320 - Parks and Wilderness
- AUGEO 354
- AUGEO 420 - Parks and Wilderness
- AUGEO 425 - Environmental Impact Assessment

or outdoor experience or practica

- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUBIO 359
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUENV 132
- AUENV 232
- AUENV 260 - Environmental Studies Practicum
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUENV 359
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGEO 132
- AUGEO 232
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUGEO 343 - Expedition in the Canadian North
- AUIDS 260
- AUPED 184 - Introduction to Outdoor Education
- AUPED 285 - Introduction to Ski Touring
- AUPED 286 - Outdoor Education and Leadership
- AUPED 388 - Arctic Canoe Expedition

★3 in environmental perspectives

- AUENG 268 - Women and Environmental Literature
- AUENG 269 - The End of the World: Contemporary Apocalyptic Literature

- AUENG 368 - Women and Environmental Literature
- AUENG 369 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 268 - Women and Environmental Literature
- AUENV 269 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 327 - Environmental Education and Heritage Interpretation
- AUENV 328 - Environmental Politics
- AUENV 344 - Environmental Psychology
- AUENV 345 - Religion and Ecology
- AUENV 355 - Philosophy, Technology, and the Environment
- AUENV 358 - Environmental Sociology
- AUENV 368 - Women and Environmental Literature
- AUENV 369 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 375 - Canadian Environmental History
- AUENV 458
- AUENV 475 - Canadian Environmental History
- AUHIS 375 - Canadian Environmental History
- AUHIS 475 - Canadian Environmental History
- AUPHI 355 - Philosophy and the Environment
- AUPOL 328 - Environmental Politics
- AUPSY 344 - Environmental Psychology
- AUREL 345 - Religion and Ecology
- AUSOC 358 - Environmental Sociology
- AUSOC 458

Minor in Geography**Requirements**

- AUGEO 120 - Human Activities and the Natural Environment
- 15 additional credits in Geography, 12 of which must be senior credits

History**Major in History****Requirements**

- AUHIS 104 - World History: The West
- AUHIS 105 - World History: The East and the South
- AUHIS 190 - The Historian's Craft: Research Skills and Tools
- AUHIS 260 - An Introduction to the Study of Canadian History to 1867
- AUHIS 261 - An Introduction to the Study of Canadian History, 1867 to the Present
- AUHIS 480 - The Historian's Craft: Historiography
- 21 additional senior credits in History, including at least ★9 at the 300-level or above
- Within the (4) - (5) course selection, a minimum of ★3 from each of 3 of the following fields of History: Ancient, Canadian, European, Latin American, Sport, United States, Women's

Additional information for students

1. Many senior History courses are offered in alternate years only.

Recommended first-year program**Required courses:**

- AUHIS 104 - World History: The West
- AUHIS 105 - World History: The East and the South
- AUHIS 190 - The Historian's Craft: Research Skills and Tools

Minor in History**Requirements**

1. ★3 of History at the 300- or 400-level.
2. 9 senior credits of History.
3. 6 additional credits of History.
4. Within the (1)-(3) selection above, a minimum of ★3 from each of two of the following fields of history: Ancient, Canadian, European, Latin American, Sport, United States, Women's.

Interdisciplinary Studies

Minor in Interdisciplinary Studies in the area of Canadian Studies

Canadian Studies is an interdisciplinary program that requires the completion of a selection of courses from a variety of disciplines. Courses that are eligible to be taken as part of a Canadian Studies minor are listed below. A student should consult an Augustana Faculty Academic Adviser for assistance in planning a Canadian Studies program. Further details about individual courses may be found in Course Listings under the respective disciplines.

Requirements

- ★12 in Canadian Studies, including ★6 from each of two different disciplines.
- 6 additional credits in Canadian Studies from any discipline.
- Within the (1) and (2) course selection above, at least 12 senior credits in Canadian Studies.

Additional information for students

Augustana Faculty courses eligible for inclusion in a Canadian Studies minor:

- AUART 223 - Canadian Art
- AUCRI 200 - Young Offenders and the Law
- AUCRI 222 - Canadian Social Issues
- AUCRI 225 - Criminology: A Canadian Perspective
- AUCRI 253
- AUCRI 322
- AUCRI 353 - Law, Politics, and the Judicial Process
- AUCRI 422
- AUECO 251 - History of Canadian Economic Development
- AUECO 346 - Agricultural Economics
- AUENG 280 - Canadian Literature to 1950
- AUENG 281 - Canadian Literature since 1950
- AUENG 380 - Canadian Literature to 1950
- AUENG 381 - Canadian Literature since 1950
- AUENV 320 - Parks and Wilderness
- AUENV 375 - Canadian Environmental History
- AUENV 420 - Parks and Wilderness
- AUENV 475 - Canadian Environmental History
- AUFRE 331 - French-Canadian Literature
- AUFRE 332 - Introduction to French-Canadian Short Stories
- AUFRE 333 - Aspects of French-Canadian Civilization and Culture
- AUGDS 124 - Development Studies Seminar (Canada)
- AUGDS 125 - Development Studies Practicum (Canada)
- AUGDS 224 - Development Studies Seminar (Canada)
- AUGDS 225 - Development Studies Practicum (Canada)
- AUGDS 324 - Development Studies Seminar (Canada)
- AUGDS 325 - Development Studies Practicum (Canada)
- AUGEO 320 - Parks and Wilderness
- AUGEO 341 - Geography of the Canadian North
- AUGEO 420 - Parks and Wilderness
- AUHS 260 - An Introduction to the Study of Canadian History to 1867
- AUHS 261 - An Introduction to the Study of Canadian History, 1867 to the Present
- AUHS 262 - History of Canadian Economic Development
- AUHS 271 - The History of Women in Canadian Society
- AUHS 366 - History of The Canadian West
- AUHS 369 - History of Canada's Aboriginal Peoples
- AUHS 372 - History of Quebec
- AUHS 375 - Canadian Environmental History
- AUHS 378 - Twentieth-Century Canada
- AUHS 475 - Canadian Environmental History
- AUPED 368 - History of Sport in Canada
- AUPED 469 - Sport and Canadian Popular Culture
- AUPOL 221
- AUPOL 253
- AUPOL 322
- AUPOL 325
- AUPOL 327
- AUPOL 345 - Canadian Foreign Policy
- AUPOL 353 - Law, Politics, and the Judicial Process
- AUPOL 422

- AUPSY 346 - Community Psychology
- AUSOC 103 - Introducing Sociology: Institutions and Insight
- AUSOC 105 - Social Anthropology
- AUSOC 200 - Young Offenders and the Law
- AUSOC 222 - Canadian Social Issues
- AUSOC 225 - Criminology: A Canadian Perspective
- AUSOC 263 - The Social Theory of Community

Minor in Interdisciplinary Studies in the area of Crime and Community

Crime and Community is an interdisciplinary program that requires the completion of a selection of courses from a variety of disciplines.

Requirements

- AUCRI 160 - Introduction to Crime, Correction, and Community **OR**
- AUIDS 160 - Introduction to Crime, Correction, and Community
- ★9 senior credits in Crime and Community or the cross-listed equivalents

★3 from

- AUPHI 180 - Critical Thinking
- AUPOL 104
- AUPSY 102 - Individual and Social Behaviour
- AUSOC 101 - Introducing Sociology: Principles and Practice
- AUSOC 103 - Introducing Sociology: Institutions and Insight
- AUSOC 105 - Social Anthropology

★3 from

- AUHS 271 - The History of Women in Canadian Society
- AUHS 369 - History of Canada's Aboriginal Peoples
- AUPHI 260 - Ethics
- AUPOL 221
- AUPOL 325
- AUPOL 349 - Ethics in World Politics
- AUPSY 240 - Social Psychology
- AUPSY 256 - Developmental Psychology
- AUPSY 263 - Memory and Cognition
- AUPSY 348 - Industrial and Organizational Psychology
- AUPSY 477 - The Neurobiology of Learning, Memory, and Addiction
- AUREL 348 - Justice Theologies
- AUSOC 263 - The Social Theory of Community
- AUSOC 271 - The Family
- AUSOC 275 - Sex, Gender, and Society
- AUSOC 393 - Political Sociology

Additional information for students

- A student pursuing employment in this area is strongly encouraged to acquire language skills in French and/or Cree.
- A student wishing to pursue graduate studies in a related area should contact the coordinator of Crime and Community in the Social Sciences Department for program advice.
- Some courses are not offered every academic year. Further details about individual courses may be found in Course Listings under the respective disciplines.

Development Studies

Augustana offers an Interdisciplinary Studies major in Global and Development Studies and minors in two streams of Development Studies: Canadian and International Issues, and Community Service Exchange. For further information about Development Studies, a student should contact any of the Development Studies faculty.

Major in Interdisciplinary Studies - Global and Development Studies

Requirements

- AUCSL 100 - An Introduction to Community Engagement
- OR other AUCSL course
- ★6 in a single language (normally of the region of the Semester Abroad or International Tour or of a cross-cultural immersion experience within Canada).
- One exchange (at least one month in duration), an approved semester

abroad, an approved practicum, internship or co-op experience.

- AIDS 100
- AUGDS 400

★24 (with ★12 in each of two areas of the following specializations, with at least ★3 at the 300-to 400-level in both):

Business & Economics:

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- AUECO 251 - History of Canadian Economic Development
- AUECO 252 - India Tour Orientation
- AUECO 254 - India Tour
- AUECO 341 - Environmental Economics
- AUECO 346 - Agricultural Economics
- AUECO 364 - Development Economics
- AUECO 480 - Ethics in Economics and Business
- AUMGT 100 - Introduction to Business
- AUMGT 200 - Introduction to Management
- AUMGT 320 - Business Law
- AUMGT 340 - Organizational Behaviour

Rural Studies:

- AUGDS 222 - Development Studies Seminar
- AUGDS 223 - Development Studies Practicum
- AUGDS 224 - Development Studies Seminar (Canada)
- AUGDS 225 - Development Studies Practicum (Canada)
- AUGDS 322 - Development Studies Seminar
- AUGDS 323 - Development Studies Practicum
- AUGDS 324 - Development Studies Seminar (Canada)
- AUGDS 325 - Development Studies Practicum (Canada)
- AUPOL 228
- AUSOC 263 - The Social Theory of Community

Environment:

- AUENV 120 - Human Activities and the Natural Environment
- AUENV 260 - Environmental Studies Practicum
- AUENV 268 - Women and Environmental Literature
- AUENV 320 - Parks and Wilderness
- AUENV 324 - Resource and Environmental Management
- AUENV 327 - Environmental Education and Heritage Interpretation
- AUENV 328 - Environmental Politics
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUENV 344 - Environmental Psychology
- AUENV 345 - Religion and Ecology
- AUENV 358 - Environmental Sociology
- AUENV 368 - Women and Environmental Literature
- AUENV 375 - Canadian Environmental History
- AUENV 420 - Parks and Wilderness
- AUENV 421 - Environmental Science: History and Impacts
- AUENV 475 - Canadian Environmental History or cross-listed equivalents

Gender:

- AUENG 202 - Women's Writing and Feminist Theory
- AUENG 266
- AUENG 268 - Women and Environmental Literature
- AUENG 292 - Feminist Critical Theory and Women's Writing
- AUENG 302 - Women's Writing and Feminist Theory
- AUENG 366
- AUENG 368 - Women and Environmental Literature
- AUENG 392 - Feminist Critical Theory and Women's Writing
- AUENV 268 - Women and Environmental Literature
- AUENV 368 - Women and Environmental Literature
- AUGER 293 - Women and German Literature in Translation
- AUHIS 271 - The History of Women in Canadian Society
- AIDS 230 - Introduction to Women's Studies
- AIDS 384
- AIDS 385
- AUMUS 321 - Music and Gender
- AUMUS 421 - Music and Gender
- AUPED 266 - Women in Sport and Physical Activity
- AUPOL 355 - Gender and Politics
- AUSCA 221 - Representations of Gender in Modern Scandinavian Literature
- AUSOC 275 - Sex, Gender, and Society
- AUSOC 279 - Women in Contemporary Cuba
- AUSOC 377 - Contemporary Theories of Gender
- AUSPA 253 - Women in Contemporary Cuba

International Relations:

- AUPOL 240 - Introduction to International Relations I
- AUPOL 241
- AUPOL 248 - Model United Nations/International Organization
- AUPOL 341 - The Global South and World Politics
- AUPOL 343 - Selected Topics in International Political Economy
- AUPOL 344 - Selected Topics in International Relations
- AUPOL 348 - Model United Nations/International Organization
- AUPOL 349 - Ethics in World Politics
- AUPOL 411 - International Relations Theory
- AUPOL 443 - Selected Topics in International Political Economy
- AUPOL 444 - Selected Topics in International Relations
- AUSOC 393 - Political Sociology

Philosophy, Religion & Culture:

- AUPHI 290 - Philosophy of Contemporary Culture
- AUPHI 355 - Philosophy and the Environment
- AUPHI 392 - World Philosophy: Comparing Perspectives
- AUPOL 455 - Ethnicity and Politics
- AUPSY 442 - Psychology in a Cultural Context
- AUREL 260 - India Tour Orientation
- AUREL 263 - Spirituality and Globalization
- AUREL 266 - India Tour
- AUREL 270 - Selected topics in Religion and Public Life
- AUREL 271 - Selected Topics in Religion and Public Life
- AUREL 272 - Selected Topics in Religion and Public Life
- AUREL 345 - Religion and Ecology
- AUREL 348 - Justice Theologies
- AUSOC 262 - Mass Communication and Contemporary Society

Engagement & Social Change:

- Any AUCSL course
- AUPED 290 - Studies in Leadership Theory
- AUPED 383 - Programming and Processing the Adventure Experience
- AUPED 389 - Foundations of Outdoor, Adventure, and Experiential Education
- AUSOC 218 - Sociology of Global and Development Issues
- AUSOC 222 - Canadian Social Issues
- AUSOC 263 - The Social Theory of Community
- AUSOC 267 - Knowledge and Human Society
- AUSOC 341 - Sociology of Food
- AUSOC 367 - Knowledge and Human Society
- AUSOC 371 - Film and Contemporary Culture
- AUSOC 391 - Social Change from Development to Globalization
- AUSOC 393 - Political Sociology

Individualized:

- At least ★12 in a well defined interdisciplinary area of Global and Development Studies approved by the Chair of Social Science.

Additional information for students

1. The ★42 required in I. above represent the minimum. Up to ★60 from the courses listed above may be used to count on the major. Those seeking to enter graduate school are encouraged to take the maximum.
2. Global and Development Studies is an interdisciplinary program that requires the completion of a selection of courses from a variety of disciplines. Some of these courses have junior prerequisites, which should be taken in the student's first year. Some courses have senior pre- or corequisites. Further details about individual courses may be found in Course Listings.
3. While participation in international programs is highly encouraged, it is possible to satisfy all the requirements locally or within Canada. It is strongly encouraged that a student who stays in this region find a cultural experience different from their own background, whether on a First Nation's reserve or in the Inner-city or in a rural community.
4. Many senior courses are offered in alternate years only.

Minor in Interdisciplinary Studies in the area of Global and Development Studies

Requirements

- AUCSL 100 - An Introduction to Community Engagement or other AUCSL course
- ★6 in a single language (normally of the region of the Semester Abroad)

- or International Tour or of a cross-cultural immersion experience within Canada).
- One exchange (at least one month in duration), an approved semester abroad, an approved practicum, internship or co-op experience.
- AUGDS 400 - Capstone Research Seminar
- AIDS 100 - The World in Progress: Inquiry in the Social Sciences

★12 in from one of the following areas of specialization, with at least ★3 at the 300- to 400-level:

Business & Economics:

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- AUECO 251 - History of Canadian Economic Development
- AUECO 252 - India Tour Orientation
- AUECO 254 - India Tour
- AUECO 341 - Environmental Economics
- AUECO 346 - Agricultural Economics
- AUECO 364 - Development Economics
- AUECO 480 - Ethics in Economics and Business
- AUMGT 100 - Introduction to Business
- AUMGT 200 - Introduction to Management
- AUMGT 320 - Business Law
- AUMGT 340 - Organizational Behaviour

Rural Studies:

- AUGDS 222 - Development Studies Seminar
- AUGDS 223 - Development Studies Practicum
- AUGDS 224 - Development Studies Seminar (Canada)
- AUGDS 225 - Development Studies Practicum (Canada)
- AUGDS 322 - Development Studies Seminar
- AUGDS 323 - Development Studies Practicum
- AUGDS 324 - Development Studies Seminar (Canada)
- AUGDS 325 - Development Studies Practicum (Canada)
- AUPOL 228
- AUSOC 263 - The Social Theory of Community
- Environment:
- AUENV 120 - Human Activities and the Natural Environment
- AUENV 260 - Environmental Studies Practicum
- AUENV 268 - Women and Environmental Literature
- AUENV 320 - Parks and Wilderness
- AUENV 324 - Resource and Environmental Management
- AUENV 327 - Environmental Education and Heritage Interpretation
- AUENV 328 - Environmental Politics
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUENV 344 - Environmental Psychology
- AUENV 345 - Religion and Ecology
- AUENV 358 - Environmental Sociology
- AUENV 368 - Women and Environmental Literature
- AUENV 375 - Canadian Environmental History
- AUENV 420 - Parks and Wilderness
- AUENV 421 - Environmental Science: History and Impacts
- AUENV 475 - Canadian Environmental History or cross-listed equivalents

Gender:

- AUENG 202 - Women's Writing and Feminist Theology
- AUENG 266
- AUENG 268 - Women and Environmental Literature
- AUENG 292 - Feminist Critical Theory and Women's Writing
- AUENG 302 - Women's Writing and Feminist Theology
- AUENG 366
- AUENG 368 - Women and Environmental Literature
- AUENG 392 - Feminist Critical Theory and Women's Writing
- AUENV 268 - Women and Environmental Literature
- AUENV 368 - Women and Environmental Literature
- AUGER 293 - Women and German Literature in Translation
- AUHIS 271 - The History of Women in Canadian Society
- AIDS 230 - Introduction to Women's Studies
- AIDS 384
- AIDS 385
- AUMUS 321 - Music and Gender
- AUMUS 421 - Music and Gender
- AUPED 266 - Women in Sport and Physical Activity
- AUPOL 355 - Gender and Politics
- AUSCA 221 - Representations of Gender in Modern Scandinavian Literature
- AUSOC 275 - Sex, Gender, and Society

- AUSOC 279 - Women in Contemporary Cuba
- AUSOC 377 - Contemporary Theories of Gender
- AUSPA 253 - Women in Contemporary Cuba

International Relations:

- AUPOL 240 - Introduction to International Relations I
- AUPOL 241
- AUPOL 248 - Model United Nations/International Organization
- AUPOL 341 - The Global South and World Politics
- AUPOL 343 - Selected Topics in International Political Economy
- AUPOL 344 - Selected Topics in International Relations
- AUPOL 348 - Model United Nations/International Organization
- AUPOL 349 - Ethics in World Politics
- AUPOL 411 - International Relations Theory
- AUPOL 443 - Selected Topics in International Political Economy
- AUPOL 444 - Selected Topics in International Relations
- AUSOC 393 - Political Sociology

Philosophy, Religion & Culture:

- AUPHI 290 - Philosophy of Contemporary Culture
- AUPHI 355 - Philosophy and the Environment
- AUPHI 392 - World Philosophy: Comparing Perspectives
- AUPOL 455 - Ethnicity and Politics
- AUPSY 442 - Psychology in a Cultural Context
- AUREL 260 - India Tour Orientation
- AUREL 263 - Spirituality and Globalization
- AUREL 266 - India Tour
- AUREL 270 - Selected topics in Religion and Public Life
- AUREL 271 - Selected Topics in Religion and Public Life
- AUREL 272 - Selected Topics in Religion and Public Life
- AUREL 345 - Religion and Ecology
- AUREL 348 - Justice Theologies
- AUSOC 262 - Mass Communication and Contemporary Society

Engagement & Social Change:

- Any AUCSL course
- AUPED 290 - Studies in Leadership Theory
- AUPED 383 - Programming and Processing the Adventure Experience
- AUPED 389 - Foundations of Outdoor, Adventure, and Experiential Education
- AUSOC 218 - Sociology of Global and Development Issues
- AUSOC 222 - Canadian Social Issues
- AUSOC 263 - The Social Theory of Community
- AUSOC 267 - Knowledge and Human Society
- AUSOC 341 - Sociology of Food
- AUSOC 367 - Knowledge and Human Society
- AUSOC 371 - Film and Contemporary Culture
- AUSOC 391 - Social Change from Development to Globalization
- AUSOC 393 - Political Sociology

Individualized:

- At least ★12 in a well defined interdisciplinary area of Global and Development Studies approved by the Chair of Social Science.

Additional information for students

1. Global and Development Studies is an interdisciplinary program that requires the completion of a selection of courses from a variety of disciplines. Some of these courses have junior prerequisites, which should be taken in the student's first year. Others have no junior prerequisites but may not be taken in first year by virtue of being senior courses (having course numbers of 200 or higher). Some courses have senior pre- or corequisites, either in addition to or instead of junior prerequisites. Further details about individual courses may be found in Course Listings.
2. Many senior courses are offered in alternate years only.

Minor in Interdisciplinary Studies - Individualized

Requirements

- ★18 in a well-defined interdisciplinary area as determined by the student and a supervising instructor. At least ★12 must be at the senior level.
- Approval of an Application for a Minor in Interdisciplinary Studies before the student declares a minor in Interdisciplinary Studies.

Minor in Interdisciplinary Studies in the area of Gender and Women's Studies

Gender and Women's Studies is an interdisciplinary program that requires the completion of a selection of courses from a variety of disciplines. Courses that are eligible to be taken as part of a Gender and Women's Studies minor are listed below. A student should consult an Augustana Faculty Academic Adviser for assistance in planning a Gender and Women's Studies program. Further details about individual courses may be found in Course Listings under the respective disciplines.

Requirements

- AIDS 230 - Introduction to Women's Studies
- 15 additional senior credits in Gender and Women's Studies

Additional information for students

- Selected Topics and Directed Readings courses may be offered each year that will be appropriate for this minor. Consult an Augustana Academic Adviser for information.

Augustana Faculty courses eligible for inclusion in a Gender and Women's Studies minor:

- AUCRI 453 - Women and the Law
- AUENG 202 - Women's Writing and Feminist Theology
- AUENG 207 - Aboriginal/Indigenous Literature
- AUENG 266
- AUENG 268 - Women and Environmental Literature
- AUENG 302 - Women's Writing and Feminist Theology
- AUENG 307 - Aboriginal/Indigenous Literature
- AUENG 366
- AUENG 368 - Women and Environmental Literature
- AUENG 392 - Feminist Critical Theory and Women's Writing
- AUENG 420 - Selected Topics in English Studies
- AUGER 293 - Women and German Literature in Translation
- AUHIS 271 - The History of Women in Canadian Society
- AIDS 230 - Introduction to Women's Studies
- AIDS 384
- AIDS 385
- AUMUS 321 - Music and Gender
- AUMUS 421 - Music and Gender
- AUPED 266 - Women in Sport and Physical Activity
- AUPOL 355 - Gender and Politics
- AUPOL 453 - Women and the Law
- AUPSY 338 - Intimate Relationships and Human Sexuality
- AUSOC 275 - Sex, Gender, and Society
- AUSOC 377 - Contemporary Theories of Gender
- AUSCA 221 - Representations of Gender in Modern Scandinavian Literature (others may be available each year, check with an Augustana Academic Adviser).

Management

Augustana Faculty offers a Bachelor of Management in Business Economics (BMgt) degree. More information on the BMgt is available in Bachelor of Management in Business Economics (BMgt).

Note: The Management minor is available to students in the BA, BMus, and BSc programs in Augustana Faculty. Students registered in a BMgt degree program are not eligible to register for a Management minor.

Minor in Management

Requirements

- AUMGT 100 - Introduction to Business
- AUMGT 200 - Introduction to Management
- AUECO 480 - Ethics in Economics and Business

9 additional senior credits from

- AUACC 311 - Introductory Accounting
- AUACC 322 - Managerial Accounting
- AUMGT 310 - Corporate Finance
- AUMGT 320 - Business Law
- AUMGT 330 - Introduction to Marketing
- AUMGT 340 - Organizational Behaviour

Mathematics and Physics

Major in Mathematics and Physics

A student may choose a BA or BSc in Mathematics and Physics. See Augustana Faculty for Admission Requirements.

Requirements

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**
- AUMAT 116 - Elementary Calculus I
- AUMAT 112 - Elementary Calculus II
- AUMAT 120 - Linear Algebra I
- AUMAT 211 - Intermediate Calculus I
- AUMAT 212 - Intermediate Calculus II
- AUMAT 220 - Linear Algebra II
- AUMAT 229 - Introduction to Group Theory
- AUMAT 250 - Discrete Mathematics
- AUPHY 110 - Mechanics
- AUPHY 120 - Waves, Thermodynamics, and Optics
- AUPHY 250 - Electricity and Magnetism
- AUPHY 260 - Introduction to Relativity and Quantum Mechanics
- AUPHY 291 - Advanced Laboratory I
- AUMAT 332 - Mathematical Ecology and Dynamical Systems **OR**
- AUMAT 340 - Numerical Methods **OR**
- AUPHY 340 - Numerical Methods in Physics **OR**
- AUMAT 480 - History of Mathematics and Physics **OR**
- AUPHY 480 - History of Physics and Mathematics

- 9 additional credits in AUMAT or AUPHY at least 6 of which are at the 300-level or higher.

Additional information for students

6. Students interested in graduate studies (i.e., a MSc or PhD degree) should take more than the minimum required credits at the 300- and 400-levels, and should especially consider taking a directed study course at the 400-level (i.e., AUMAT 495 or AUPHY 495).
1. Most senior courses (200-level and above) are taught in alternate years only (or possibly even more rarely, depending on student demand).

Minor in Mathematics

Requirements

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**
- AUMAT 116 - Elementary Calculus I
- AUMAT 112 - Elementary Calculus II
- AUMAT 120 - Linear Algebra I
- AUMAT 250 - Discrete Mathematics
- 9 additional senior credits in Mathematics

Minor in Physics

Requirements

- AUPHY 110 - Mechanics
- AUPHY 120 - Waves, Thermodynamics, and Optics
- AUPHY 250 - Electricity and Magnetism
- 9 additional senior credits in Physics

Additional information for students

- AUPHY 110 - Mechanics
- AUPHY 250 - Electricity and Magnetism
- AUPHY 260 - Introduction to Relativity and Quantum Mechanics
- Many senior Physics courses are offered only if there is sufficient student demand

Modern Languages

Major in Modern Languages

See Augustana Faculty for Admission Requirements.

Requirements

- At least ★6 in each of the two chosen languages must be taken in an immersion setting. See additional information for students, below.
 - ★48-60 chosen from two of the following four areas:
 - AUFRE 201 - Intermediate French I
 - AUFRE 202 - Intermediate French II
 - AUFRE 301 - Advanced French I
- ★12-18 additional senior credits in French, including at least ★9 at the 300- or 400-level (★3 of the aforementioned must be at the 400-level).**

- AUGER 201 - Intermediate German I

- AUGER 202 - Intermediate German II **OR**
- AUGER 200 - Intermediate German I and II

- AUGER 301 - Advanced German I

- AUGER 302 - Advanced German II **OR**
- AUGER 300 - Advanced German I and II

- ★9-15 additional senior in German, including at least ★9 at the 300- or 400-level, (★3 of the aforementioned must be at the 400-level), only ★3 of the total German credits may be literature in translation.
- AUSCA 101 - Beginners' Norwegian I
- AUSCA 102 - Beginners' Norwegian II
- AUSCA 201 - Intermediate Norwegian I
- AUSCA 202 - Intermediate Norwegian II
- ★9-15 additional senior credits in Scandinavian Studies, including at least ★9 at the 300- or 400-level (★3 of the aforementioned credits must be at the 400-level).

- AUSPA 101 - Beginners' Spanish I **OR**
- AUSPA 103 - Introductory Spanish I

- AUSPA 102 - Beginners' Spanish II **OR**
- AUSPA 104 - Introductory Spanish II

- AUSPA 201 - Intermediate Spanish I **OR**
- AUSPA 203 - Intermediate Spanish I

- AUSPA 202 - Intermediate Spanish II **OR**
- AUSPA 204 - Intermediate Spanish II

- ★9-15 additional senior credits in Spanish, including at least ★9 at the 300- or 400-level, (★3 of the aforementioned must be at the 400-level).

Additional information for students

1. A student considering an after-degree program in Education, or graduate studies, should obtain a minimum of ★36 in one language.
2. An online placement test must be taken before registering in AUFRE 201 for the purpose of advising the student of the appropriate level at which they should begin university French studies. Advanced placement is possible for a student with previous experience in the language.
3. A student who has chosen French as an area of study is required to take senior offerings (★6 senior), in an immersion setting such as the Summer Language Bursary Program offered by the Government of Canada or the Perpignan Year Program.

A student who has chosen German as an area of study is required to take senior offerings (★6 senior) in an immersion setting such as the Canadian Summer School in Germany (Kassel) or Waterloo in Germany.

A student who has chosen Scandinavian Studies as an area of study is required to take senior offerings (★6 senior) in an immersion setting such as the Oslo International Summer School, University of Bergen Summer Program or Scandinavian Studies in Telemark Program.

A student who has chosen Spanish as an area of study is required to take senior offerings (★6 senior) in an immersion setting such as the Augustana-in-Cuba program or the Puebla-Alberta Community Service Exchange program.

4. A French student is strongly encouraged to take AULAT 101 and AULAT 102.
5. Other recommended courses:
 - AULAN 101 - Introduction to Linguistic Analysis
 - AUPSY 373 - Psychology of Language
 - AUSOC 105 - Social Anthropology
6. Some senior courses in French, German, Scandinavian Studies, and Spanish are not offered every year.

Recommended first-year program

- Students with French 30/German 30 can start at the 200-level in French/German in the first year.

Required courses: two of the following ★6 sequences:

- AUFRE 201 - Intermediate French I
- AUFRE 202 - Intermediate French II
- AUGER 201 - Intermediate German I
- AUGER 202 - Intermediate German II
- AUSCA 101 - Beginners' Norwegian I
- AUSCA 102 - Beginners' Norwegian II
- AUSPA 101 - Beginners' Spanish I
- AUSPA 102 - Beginners' Spanish II

Minor in French

Requirements

- AUFRE 201 - Intermediate French I
- AUFRE 202 - Intermediate French II
- AUFRE 301 - Advanced French I
- 9 additional senior credits in French.

Additional information for students

1. A student must take an online placement test before registering in AUFRE 201. The purpose of the test is to advise the student of the appropriate level at which to begin university French studies.
2. A student with a recent immersion background is advised to take AUFRE 305, AUFRE 306, or AUFRE 332 in the first Fall Term and AUFRE 202 in the Winter Term.
3. AULAT 101 and AULAT 102 are highly recommended.
4. A student with a minor in French is encouraged to take advantage, at the end of the first year, of the Summer Language Bursary Program offered by the Government of Canada.
5. A student with a minor in French is encouraged to take advantage of the Perpignan Program which could enable the third year to be taken abroad.
6. Many senior French courses are offered in alternate years only.

Minor in German

Requirements

- AUGER 201 - Intermediate German I
- AUGER 202 - Intermediate German II **OR**
- AUGER 200 - Intermediate German I and II
- AUGER 301 - Advanced German I
- AUGER 302 - Advanced German II **OR**
- AUGER 300 - Advanced German I and II
- 6 additional senior credits in German (optionally including a maximum of ★3 in literature in transl)

Additional information for students

1. Advanced placement is possible for a student with previous experience in the German language. A placement exam may be given in AUGER 201 for the purpose of advising the student of the appropriate level at which they should begin university language studies. This exam is given shortly after the start of classes in order to facilitate movement between levels.
2. A student with a minor in German is encouraged to participate in the Canadian Summer School in Germany at the end of the first or second year.
3. Many senior German courses are offered in alternate years only.

Minor in Scandinavian Studies

Requirements

- AUSCA 101 - Beginners' Norwegian I
- AUSCA 102 - Beginners' Norwegian II
- AUSCA 201 - Intermediate Norwegian I
- AUSCA 202 - Intermediate Norwegian II
- 6 additional senior credits in Scandinavian Studies.

Additional information for students

1. Advanced placement is possible for the student with previous experience in the Norwegian language.
2. A student is strongly encouraged to upgrade their language skills in an immersion setting (through the University of Bergen Summer Program, the International Summer School or the Scandinavian Studies in Telemark Program) after the first or second year of studies.
3. Some senior courses are offered in alternate years only.

Minor in Spanish

Requirements

- AUSPA 101 - Beginners' Spanish I **OR**
- AUSPA 103 - Introductory Spanish I
- AUSPA 102 - Beginners' Spanish II **OR**
- AUSPA 104 - Introductory Spanish II
- AUSPA 201 - Intermediate Spanish I **OR**
- AUSPA 203 - Intermediate Spanish I
- AUSPA 202 - Intermediate Spanish II **OR**
- AUSPA 204 - Intermediate Spanish II
- 6 additional senior credits in Spanish.

Additional information for students

1. Advanced placement is possible for the student with previous experience in the Spanish language.
2. A student is strongly encouraged to upgrade their own language skills in an immersion setting (through the Augustana-in-Cuba program or the Puebla-Alberta Community Service Exchange program) after the first or second year of studies.
3. Some senior courses are offered in alternate years only.

Bachelor of Arts, Music Major

Overview

The Bachelor of Arts, Music Major is more general and flexible than the BMus degree program, as it is less performance-oriented and a much broader base of academic study. A Music Minor is also available for the student having a major in another discipline. More information on the BMus is available in Bachelor of Music (BMus).

Major in Music

Admission Requirements

See Augustana Faculty. Each student must complete the Music Theory Placement Exam (MTPE); a student who scores lower than 70% must register in AUMUS 100. For further information about entrance into the Music program, contact the Department of Fine Arts and Humanities, Augustana Faculty.

Requirements

1. Music Studies and Information Literacy: AUMUS 228.
2. Theoretical and Analytical Studies, Musicianship Skills: AUMUS 160, AUMUS 162, AUMUS 260, AUMUS 262.
3. Music History and Literature, Music in Society: AUMUS 170, AUMUS 224, AUMUS 225, AUMUS 226, and three additional credits of a Music course in this category at the 300 or 400-level as approved by the Department of Fine Arts and Humanities.
4. Applied music (instrumental/vocal lessons) and ensemble courses: ★9 (with at least ★4 in each category).

5. Music options: a minimum of ★7.5.
6. AUMUS 497 or ★3 from AUMUS 420, AUMUS 421, AUMUS 422, AUMUS 467, AUMUS 468 or another 400-level course in music history, music theory, or ethnomusicology. Note: This is an overlapping requirement with (3) and (4).
7. The set of courses selected in (3)- (6) above must include at least ★12 credits at the 300- and 400-levels.
8. A passing grade in the Keyboard Skills Proficiency Examination (KSPE). See Music Handbook for details.
9. Successful completion of the Recital Attendance Requirement (RAR). Every student is required to attend a minimum of 10 recitals or concerts held at Augustana each year, with a minimum of 40 required for graduation.

Additional information for students

1. A student considering graduate studies is encouraged to take elective courses that examine cultural and critical theory.
2. A student considering graduate studies should note that certain graduate programs require a reading knowledge of one or more of French, Italian, and German. In addition, the student should include other courses such as AUMUS 261, AUMUS 263, AUMUS 361 and two or more courses from AUMUS 320/AUMUS 420, AUMUS 321/AUMUS 421, AUMUS 322/AUMUS 422, AUMUS 367/AUMUS 467 and AUMUS 369. To facilitate entry into a graduate program with an academic emphasis, a student should include additional courses from Music and other disciplines, including those which encourage interdisciplinary perspectives. To facilitate entry into a graduate program with a performance emphasis, a student should include third- and fourth-year recitals, ensembles, conducting, and other courses relevant to the area of emphasis.
3. A student should prepare to pass the Keyboard Skills Proficiency Examination (KSPE) before the third year.
4. Senior Music courses are offered in alternate years only.

Recommended first-year programs

Required courses

- Applied music and ensemble courses.
- AUMUS 160 - Theoretical and Analytical Studies I
- AUMUS 162 - Aural and Sight Singing Skills I
- AUMUS 170 - Tuning In: An Introduction to Music

Recommended programs for subsequent years

Recommended second-year program includes:

- Applied music and ensemble courses.
- AUMUS 260 - Theoretical and Analytical Studies II
- AUMUS 261 - Theoretical and Analytical Studies III
- AUMUS 262 - Aural and Sight Singing Skills II
- AUMUS 263 - Aural and Sight Singing Skills III

Two of

- AUMUS 224 - Medieval and Renaissance Music
- AUMUS 225 - Baroque and Classical Music
- AUMUS 226 - Romantic and Twentieth-Century Music
- AUMUS 228 - Music Studies and Information Literacy

Recommended third-year program includes:

- Applied music and ensemble courses.
- Remaining course from music history surveys (AUMUS 224, AUMUS 225, AUMUS 226).
- AUMUS 320 - Music and the Canadian Identity
- AUMUS 321 - Music and Gender
- AUMUS 322 - Rethinking Music: From Mozart to Madonna
- AUMUS 367 - Critical Discourse and the Fine Arts
- AUMUS 368 - Ethnomusicology: Issues and Concepts
- AUMUS 361 - Form, Analysis, and the Construction of Musical Meaning

Recommended fourth-year program includes:

- Instrumental/vocal lessons and ensemble courses.
- AUMUS 497 - Applied Music or a 400-level course in music history, music theory, or ethnomusicology.
- Additional senior Music courses.

Minor in Music

See Admission requirements for the major above.

Requirements

- A minimum of ★3 in applied music and/or ensemble courses, with at least ★1 being at the senior level.

Music history and literature, music in society:

- AUMUS 170 - Tuning In: An Introduction to Music
- AUMUS 225 - Baroque and Classical Music
- AUMUS 224 - Medieval and Renaissance Music **OR**
- AUMUS 226 - Romantic and Twentieth-Century Music

Theoretical and analytical studies, musicianship skills:

- AUMUS 160 - Theoretical and Analytical Studies I
- AUMUS 162 - Aural and Sight Singing Skills I
- AUMUS 260 - Theoretical and Analytical Studies II
- AUMUS 262 - Aural and Sight Singing Skills II

Philosophy and Religion

Minor in Philosophy

Requirements

- 12 senior credits in Philosophy.

★6 from

- AUPHI 101 - Introduction to Western Philosophy I: Ancient and Medieval Philosophy
- AUPHI 102 - Introduction to Western Philosophy II: Modern Philosophy
- AUPHI 180 - Critical Thinking

Minor in Religion

Requirements

- 15 senior credits in Religion.

★3 from

- AUREL 100 - Exploring Religious Meaning
- AUREL 207 - Jesus of Nazareth in Biblical Scholarship
- AUREL 208 - Jesus of Nazareth in Contemporary Theology

Physical Education

Major in Physical Education

A student chooses one of the following two streams:

BA or BSc (Physical Education - Kinesiology and Sport Studies)

Requirements

- ★9 in AUPAC (Physical Activity Courses).
- AUPED 112 - Structural Human Anatomy
- AUPED 160 - Sociocultural Aspects of Sport and Physical Activity
- AUPED 215 - Introduction to Human Physiology I
- AUPED 314 - Exercise Physiology
- AUPED 393 - Tests and Measurements in Physical Education
- AUPED 462 - Issues in Physical Education
- AUPED 493 - Introduction to Research in Physical Education
- 6 additional senior credits in Physical Education.
- Within the course selection above, no more than 18 junior credits in Physical Activity courses and Physical Education courses combined.

★6 from

- AUPED 220 - Human Growth and Development
- AUPED 232 - Introduction to Biomechanics
- AUPED 342
- AUPED 351

★6 from

- AUPED 184 - Introduction to Outdoor Education
- AUPED 262 - Sport, Physical Activity, and the Body: Historical Perspectives
- AUPED 290 - Studies in Leadership Theory

- AUPED 368 - History of Sport in Canada
- AUPED 369 - The Modern Olympic Games
- AUPED 469 - Sport and Canadian Popular Culture

Additional information for students

- Not all senior courses are offered every year.
- Although not required in the major, AUPED 216 is recommended for those Physical Education students who are seeking a BSc degree. AUPED 215 and AUPED 216 are recommended for other students who intend to complete a degree in Physical Therapy, Occupational Therapy, or an Advanced Certificate in Athletic Therapy.

Recommended first-year program

Required courses

- AUPED 112 - Structural Human Anatomy
- ★3 AUPAC 100-199.
- AUPED 160 - Sociocultural Aspects of Sport and Physical Activity

BA or BSc (Physical Education - Outdoor Education)

Requirements

- ★9 in AUPAC (Physical Activity Courses).
- AUPED 112 - Structural Human Anatomy
- AUPED 215 - Introduction to Human Physiology I
- AUPED 314 - Exercise Physiology
- AUPED 290 - Studies in Leadership Theory
- AUPED 383 - Programming and Processing the Adventure Experience
- AUPED 389 - Foundations of Outdoor, Adventure, and Experiential Education
- AUPED 393 - Tests and Measurements in Physical Education
- AUPED 462 - Issues in Physical Education
- AUPED 493 - Introduction to Research in Physical Education
- Outdoor education-related certifications are required. Please consult Augustana Physical Education Department for details.
- Within the course selection above, no more than 18 junior credits in Physical Activity courses and Physical Education courses combined.

★3 from

- AUPED 220 - Human Growth and Development
- AUPED 232 - Introduction to Biomechanics
- AUPED 342
- AUPED 351

★3 from

- AUPED 160 - Sociocultural Aspects of Sport and Physical Activity
- AUPED 262 - Sport, Physical Activity, and the Body: Historical Perspectives
- AUPED 368 - History of Sport in Canada
- AUPED 369 - The Modern Olympic Games
- AUPED 469 - Sport and Canadian Popular Culture

★3 from

- AUPED 184 - Introduction to Outdoor Education
- AUPED 285 - Introduction to Ski Touring

★3 from

- AUPED 286 - Outdoor Education and Leadership
- AUPED 388 - Arctic Canoe Expedition

Additional information for students

- It is strongly recommended that a student take AUPAC 225 and/or AUPAC 326 from ★9 in AUPAC (Physical Activity Courses), above.
- It is strongly recommended that a student take AUPED 383 and AUPED 389 in the third or fourth year.
- Although not required in the major, AUPED 216 is recommended for those Physical Education students who are seeking a BSc degree. AUPED 215 and AUPED 216 are recommended for other students who intend to complete a degree in Physical Therapy, Occupational Therapy, or an Advanced Certificate in Athletic Therapy.
- A student should consider including one or more of AUGE0 120, AUGE0 230, AUGE0 231, AUGE0 320, AUGE0 324, AUBIO 253, AUBIO 353.
- Some courses are offered in alternate years only.

Recommended first-year program

Required courses

- AUPED 112 - Structural Human Anatomy
- ★3 AUPAC 100-199.
- AUPED 184 - Introduction to Outdoor Education

Minor in Physical Education

Requirements

- AUPED 112 - Structural Human Anatomy
- ★3 in AUPAC (Physical Education Activity).
- 15 additional credits in Physical Education, including at least ★12 at the senior level.

Political Studies

Major in Political Studies

Requirements

- AUPOL 103 - Introduction to Global and Political Studies
- AUIDS 100
- AUPOL 210 - History of Political Thought I **OR**
- AUPOL 211 - History of Political Thought II
- AUPOL 200 - The Research Process
- AUPOL 221
- AUPOL 240 - Introduction to International Relations I
- AUPOL 250
- AUPOL 300 - Third-Year Seminar
- AUPOL 400
- 12 additional credits of which a minimum of ★9 must be at the 300- or 400-level.

Additional information for students

1. Many senior Political Studies courses are offered in alternate years only.
2. Students should note that most 300-level and 400-level courses pre-require specific 200-level prerequisites. Students proposing to major in Political Studies should generally take AUIDS 100 and AUPOL 103 in the first year, and AUPOL 200, AUPOL 221, AUPOL 240, AUPOL 250 and either AUPOL 210 or AUPOL 211 in the second year where possible, AUPOL 300 in the third year, and AUPOL 400 in the fourth year. Students are also strongly recommended to take ★6 of a second language.

Minor in Political Studies

Requirements

- AUPOL 103 - Introduction to Global and Political Studies
- AUIDS 100
- 6 additional senior credits, of which at least ★3 must be at the 300-level or above.

★6 from

- AUPOL 210 - History of Political Thought I
- AUPOL 211 - History of Political Thought II
- AUPOL 221
- AUPOL 240 - Introduction to International Relations I
- AUPOL 250

Psychology

Major in Psychology

A student may choose a BA or BSc in Psychology. See Augustana Faculty for Admission Requirements.

Requirements

- AUPSY 101 - Basic Psychological Processes
- AUPSY 102 - Individual and Social Behaviour

- AUPSY 213 - Statistical Methods for Psychological Research
- AUPSY 313 - Advanced Research Design

- AUPSY 408 - History and Systems of Psychology **OR**
- AUPSY 409 - History and Systems of Psychology

- 15 additional senior credits in Psychology.
- At least 9 Psychology credits, including AUPSY 408 or AUPSY 409, at the 400-level.

★6 from

- (social/personality/developmental).
- AUPSY 220 - Personality
- AUPSY 240 - Social Psychology
- AUPSY 256 - Developmental Psychology

★6 from

- (cognition/perception/physiological).
- AUPSY 263 - Memory and Cognition
- AUPSY 267 - Sensory Processes and Perception
- AUPSY 275 - An Introduction to the Brain and Nervous System

Additional information for students

- A student should take AUPSY 213 and the chosen/required 200-level courses, in the second year.
- AUPSY 313 should be taken in the third year.
- A student who is considering graduate studies in Psychology is advised to take AUPSY 313 in the third year and AUPSY 408/AUPSY 409, AUPSY 497, and AUPSY 499 in the fourth year.
- It is recommended that AUIDS 380 or AUIDS 385 be taken. Courses in the philosophy of science, philosophy of social science, and philosophy of technology are also recommended.
- Many senior Psychology courses are offered in alternate years only.

A student interested in pursuing graduate studies in clinical or counselling psychology should take (in addition to required courses):

In the second year

- AUPSY 220 - Personality
- AUPSY 240 - Social Psychology
- AUPSY 256 - Developmental Psychology
- AUPSY 275 - An Introduction to the Brain and Nervous System

In the third year

- AUPSY 331 - Psychological Assessment: Theory and Practice
- AUPSY 342 - Health Psychology

In the fourth year

- AUPSY 483 - Psychological Disorders
- AUPSY 486 - Clinical and Counselling Psychology
- AUPSY 497 - Individual Study I
- AUPSY 499 - Individual Study II

The following courses would be helpful electives:

- (to be taken when offered since they are not available every year)
- AUPSY 346 - Community Psychology

- AUPSY 377 - Human Neuropsychology **OR**
- AUPSY 477 - The Neurobiology of Learning, Memory, and Addiction

- AUPSY 382 - Family Violence: Dynamics and Prevention
- AUPSY 488 - Forensic Psychology

Courses related to the social/personality stream include

- AUPSY 304 - Personality Seminar
- AUPSY 308 - Social Psychology Seminar
- AUPSY 344 - Environmental Psychology
- AUPSY 346 - Community Psychology
- AUPSY 483 - Psychological Disorders
- AUPSY 486 - Clinical and Counselling Psychology
- AUPSY 488 - Forensic Psychology

Courses related to the developmental/cognitive stream include

- AUPSY 301 - Psycholinguistics Seminar
- AUPSY 302 - Developmental Seminar
- AUPSY 307 - Cognitive Psychology Seminar
- AUPSY 352

- AUPSY 354
- AUPSY 362 - Cognitive Development
- AUPSY 373 - Psychology of Language
- AUPSY 471 - Language Acquisition

Courses related to the physiological stream include

- AUPSY 303 - Sleep, Emotion, and Stress: Physiological Psychology Seminar
- AUPSY 369 - Principles of Learning
- AUPSY 377 - Human Neuropsychology
- AUPSY 477 - The Neurobiology of Learning, Memory, and Addiction

Recommended first-year program

Required courses:

- AUPSY 101 - Basic Psychological Processes
- AUPSY 102 - Individual and Social Behaviour

Minor in Psychology

Requirements

- AUPSY 101 - Basic Psychological Processes
- AUPSY 102 - Individual and Social Behaviour
- ★6 additional senior credits in Psychology. AUPSY 213 is recommended.

★3 from

- (social/personality/developmental).
- AUPSY 220 - Personality
- AUPSY 240 - Social Psychology
- AUPSY 256 - Developmental Psychology

★3 from

- (cognition/perception/physiological).
- AUPSY 263 - Memory and Cognition
- AUPSY 267 - Sensory Processes and Perception
- AUPSY 275 - An Introduction to the Brain and Nervous System

Sociology

Major in Sociology

Requirements

- AUSOC 232 and one of AUSOC 233, AUSOC 377.
- AUSOC 339 - Fieldwork Methodology
- 21 additional senior credits in Sociology, including at least ★9 at the 300-level or above. Students intending to apply for graduate schools are advised, but not required, to take a minimum of ★48 in Sociology.

★6 from

- AUSOC 101 - Introducing Sociology: Principles and Practice
- AUSOC 103 - Introducing Sociology: Institutions and Insight
- AUSOC 105 - Social Anthropology

★3 from

- AUPOL 200 - The Research Process
- AUSOC 236 - Research Design and Qualitative Methods

★3 from

- AUSOC 437 - Symbolic Interactionism
- AUSOC 439 - Seminar in Contemporary Sociological Theory

Additional information for students

- A student considering graduate studies in Sociology is strongly encouraged to complete AUSTA 213.
- Many senior Sociology courses are offered in alternate years only.
- Recommended first-year program

Required courses: ★6 from

- AUSOC 101 - Introducing Sociology: Principles and Practice
- AUSOC 103 - Introducing Sociology: Institutions and Insight
- AUSOC 105 - Social Anthropology

Minor in Sociology

Requirements

- 9 additional senior credits in Sociology.

★6 from

- AUSOC 101 - Introducing Sociology: Principles and Practice
- AUSOC 103 - Introducing Sociology: Institutions and Insight
- AUSOC 105 - Social Anthropology

★3 from

- AUSOC 232 - Theoretic Developments in Sociology I
- AUSOC 233 - Theoretic Developments in Sociology II
- AUSOC 377 - Contemporary Theories of Gender

Certificate in Community Mental Health: Theory and Practice:

available to students with a major in Psychology in the Augustana Faculty BA or BSc program (see Certificate in Community Mental Health: Theory and Practice).

Certificate in Writing Studies:

available to students in any Augustana degree program (see Certificate in Writing Studies).

Bachelor of Management in Business Economics (BMgt)

Overview

The four year Bachelor of Management in Business Economics consists of ★120 arts, science and professional (see Classification of Courses) including ★66 in the Business Economics program and the credits required for the Engagement and Knowledge components of the Augustana Core. Because of the possibility of overlap between the credits required for portions of the Augustana Core and those required for the Business Economics program, a student may also include options or an optional minor as follows:

Business Economics Program:

★15 in Economics Foundation courses, ★27 in Management Foundation courses, 9 additional senior credits in Economics courses at least 6 of which must be at the 300-level or above, and 9 additional senior credits in Economics or Management at the 300-level or above.

The Augustana Core: Engagement

Engagement requirements consist of five different categories. A student must complete ★15 from at least three of the five categories with no more than ★6 in any one category; courses which satisfy these requirements may overlap with a student's major:

- Creative & Imaginative Process
- Diversity and Global Studies
- Environmental Sustainability
- Experiential Learning
- Integrating Knowledge

For more detail on which courses may be counted towards these categories, see Augustana Chart 1.

The Augustana Core: Knowledge

The ★21 Breadth of Knowledge requirements consist of four different categories; the ★21 credits counted towards these categories may not overlap with a student's first major:

- ★3 Fine Arts
- ★6 Humanities
- ★6 Science
- ★6 Social sciences

For the actual classification of Augustana courses within these categories, see Classification of Courses.

Note: The same credit may not be counted twice in courses that relate to more than one category within the Engagement and Knowledge components of the Augustana Core; that is, a total of 36 different credits must be earned to fulfill these requirements.

Optional minor:

A minimum of ★18 in one discipline or approved interdisciplinary area, including at least ★12 at the senior level. A student should be aware that it may not be possible to complete certain combinations of majors and minors without extending the time required to earn the degree.

Options:

★3-21 (or more, depending on the amount of overlap between the core and the requirements for the major, and/or minor) of the student's choice. A student may choose to use options to work toward a minor, or second major but should be aware that a double major normally requires more than ★120 in the degree program.

Residence Requirements

Students registered in a BMgt program must complete at least ★60 offered by the Augustana Faculty, at least ★54 of which must be at the senior level. However,

- Language or other study abroad may, with special permission of the Associate Dean, Academic, count toward the residency requirement.
- An exception to this requirement may be granted to students already holding a BA or BSc who can transfer sufficient credits from their first degree to be able to complete the requirements of the Bachelor of Management in Business Economics degree in fewer than ★60. Normally in such cases at least the final ★45 must be completed at Augustana.

Note: Students transferring into this degree program within the framework of a Faculty-approved transfer agreement must complete ★60 of the final credits of their degree program with credits offered by the Augustana Faculty.

Program Requirements

See Augustana Faculty for Admission Requirements

★15 in Economics Foundation

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- AUECO 203 - Intermediate Microeconomic Analysis I
- AUECO 204 - Intermediate Macroeconomic Analysis I
- AUECO 480 - Ethics in Economics and Business

★27 in Management Foundation

- AUACC 311 - Introductory Accounting
- AUACC 322 - Managerial Accounting
- AUMGT 100 - Introduction to Business
- AUMGT 200 - Introduction to Management
- AUMGT 310 - Corporate Finance
- AUMGT 320 - Business Law
- AUMGT 330 - Introduction to Marketing
- AUMGT 340 - Organizational Behaviour
- AUMGT 490 - Business Policy and Strategy

★18 in Elective courses

- 9 additional senior credits in Economics, of which ★3 may be at the 200-level.
- 9 additional senior credits in Economics or Management at the 300- or 400-level.

★6 in Supporting Courses

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 116 - Elementary Calculus I
- AUSTA 153 - Introductory Applied Statistics

First-Year Program Recommendations

- AUECO 101 - Introduction to Microeconomics
- AUECO 102 - Introduction to Macroeconomics
- AUMGT 100 - Introduction to Business
- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**
- AUMAT 116 - Elementary Calculus I
- AUSTA 153 - Introductory Applied Statistics
- AUENG 103 - English Literature from the Romantic Period to the Present
- 12 additional credits toward the Engagement and Knowledge components of the Augustana Core.

Bachelor of Music (BMus)

Overview

The Bachelor of Music program consists of ★122, including ★65 of core music requirements, ★24 in one of the five Bachelor of Music majors, and ★33 of non-music requirements. In two of these majors, Liturgical Arts and Musical Arts, a minor is required; in the other three majors, Piano, Voice, and Comprehensive, a minor is optional. The minor consists of a minimum of ★18 in one discipline or approved interdisciplinary area, including at least ★12 at the senior level. A student should be aware that it may not be possible to complete certain combinations of majors and minors without extending the time required to earn the degree.

Residence Requirement

Students registered in a BMus program must complete at least 60 senior credits offered by the Augustana Faculty. However,

- Language or other study abroad may, with special permission of the Associate Dean, Academics, count toward the residence requirement
- An exception to this may be granted to students already holding a BA or BSc who can transfer sufficient credits from their first degree to be able to complete the requirements of the Bachelor of Music degree in fewer than ★60. Normally in such cases at least the final ★45 must be completed at Augustana.

General Information

Five majors are available in the Bachelor of Music degree program: Piano, Voice, Comprehensive, Liturgical Arts, Musical Arts:

Piano

and

Voice

A student whose primary career interest is to perform and teach piano or voice would choose one of these majors. Professional employment as, for example, a soloist, chorister, accompanist, chamber musician, or teacher, is a possibility for a graduate seeking a career as a music performer. Along with independent freelance career opportunities, a degree with either of these majors can also lead to a career as professor in music performance in a college, university, or conservatory. These majors require high artistic standards, include courses specific to piano and voice in literature and pedagogy, and provide for a broadly-based music education with advanced studies in music theory and music history. Four years of ensembles (choral/instrumental and chamber) are required.

Comprehensive

A student who seeks intensive studies in an instrument or voice, variety in music options, and advanced studies in music history, theory, and ensembles, should consider this major. It is suitable for the student desiring to prepare for a career as, for example, a professional wind, brass, or string player, a choral or instrumental conductor, an arts administrator, or a professional librarian. Like the Bachelor of Arts degree in music, this major enables the student to enter graduate studies in more specific fields such as music theory, music history, ethnomusicology, and popular music studies. If the student enrolls in third- and fourth-year recital courses, this degree may facilitate entry into performance-based graduate programs as well.

Liturgical Arts

A student considering professional employment as a church musician, or considering graduate studies, may designate this major at the end of the second year of full-time studies (or part-time equivalent). The major emphasizes performance-oriented study in organ, piano, or voice, advanced music history and theory, ensembles, and advanced conducting skills. Studies in liturgical arts, work-experience practica, a required minor in Religion, and other courses from the liberal arts and sciences, provide for a scholarly understanding of and a creative approach to ritual.

Musical Arts

A student desiring a performance-intensive emphasis in an instrument or voice and wishing to prepare for innovative, emerging research areas and musical professions, would choose this major. It provides for a liberalized curriculum that combines the strong performance emphasis and scholarly breadth of a Bachelor of Music, the requirements for a minor in another discipline, and interdisciplinary research on the relationships between the two disciplines. This is the most unique and "cutting-edge" of the Bachelor of Music majors. A student may apply for this major at the end of two-years - full-time study or part-time equivalent.

Admission Requirements

See Augustana Faculty. Each student must complete the Music Theory Placement Exam (MTPE); a student who scores lower than 70% must register in AUMUS 100. For further information about entrance into the Music program, contact the Department of Fine Arts and Humanities, Augustana Faculty.

Program Requirements

The minimum of ★122 required during the program is drawn from three areas: Core Music Requirements, Additional Music Requirements According to Major, and Non-Music Requirements.

Core Music Requirements (★65):

A common core of music courses and requirements is required of every student enrolled in the Bachelor of Music program.

- Passing grade in the Keyboard Skills Proficiency Examination (KSPE).
- Successful completion of the Recital Attendance Requirement (RAR). Every student is required to attend a minimum of 10 recitals or concerts held at Augustana each year, with a minimum of 40 recitals or concerts required for graduation.
- A student who fails to achieve at least a C+ standing in a primary instrument or voice at the end of an academic year will be required to withdraw from the Bachelor of Music program. Each student's progress will be reviewed annually.
- A student beyond first year who fails to achieve an academic average of at least 2.3 will be required to withdraw from the Bachelor of Music program. Each student's progress will be reviewed annually.

Music Performance (★24)

- Applied Music, solo instruments and/or voice (★18); at least ★16 and fourth-year status in one instrument or in voice. Note: Consult Department of Fine Arts and Humanities for details.
- Choral Ensembles (★6): The Augustana Choir, Sangkor, or encore. A student may substitute these credits with those from instrumental chamber ensembles only with permission of both the director of The Augustana Choir and the Conservatory Administrator.

Music History and Literature, Music in Society (★18):

- AUMUS 170 - Tuning In: An Introduction to Music
- AUMUS 224 - Medieval and Renaissance Music
- AUMUS 225 - Baroque and Classical Music
- AUMUS 226 - Romantic and Twentieth-Century Music
- and six additional credits of Music courses in this category at the 300 or 400-level as approved by the Department of Fine Arts and Humanities.

Theoretical and Analytical Studies, Musicianship Skills (★21.5) credits:

- AUMUS 199 - Fundamental Keyboard Skills **OR**
- AUMUS 299 - Fundamental Keyboard Skills
- AUMUS 160 - Theoretical and Analytical Studies I
- AUMUS 162 - Aural and Sight Singing Skills I
- AUMUS 260 - Theoretical and Analytical Studies II
- AUMUS 261 - Theoretical and Analytical Studies III
- AUMUS 262 - Aural and Sight Singing Skills II
- AUMUS 263 - Aural and Sight Singing Skills III
- AUMUS 361 - Form, Analysis, and the Construction of Musical Meaning
- AUMUS 369 - Rethorizing Music: From Modernism to Postmodernism **OR**
- AUMUS 469 - Rethorizing Music: From Modernism to Postmodernism

Music Studies and Information Literacy (★1.5):

- AUMUS 228 - Music Studies and Information Literacy

Additional Music Requirements According to Major (★24):

In addition to the Core Music Requirements (★65) listed above, additional courses are required in each major:

- Piano:
- Voice:
- Comprehensive:
- Liturgical Arts:
- Musical Arts:

Non-Music Requirements (★33 minimum):

Non-Music Required Courses: ★12

- ★6: second language, with all credits from one language. Note: A Voice major student must include ★6 from AUGER 101, AUGER 102, AUGER 200, AUGER 201, AUGER 202.

★6:

- AUENG 103 - English Literature from the Romantic Period to the Present
- AUENG 104 - English Literature from the Middle Ages to the Romantic Period

Non-Music Option Courses: ★21-24

- All majors require a minimum of ★21 of non-Music options, except for the Musical Arts major which requires ★24.
- When choosing non-Music options, the student is encouraged to select non-music courses from liberal arts and sciences core categories which have not been covered through music courses.
- A maximum of ★12 in specialized professional courses is allowed in terms of non-Music options.
- A Voice major student must include AUDRA 144.
- A Liturgical Arts major student must complete a minor in Religion (★18). For remaining credits, the student is also encouraged to consider Drama and Art courses as well as those which examine aspects related to Christianity (e.g., AUENG 231/AUENG 331, AUENG 239/AUENG 339, AUENG 301, AUIDS 250, AUPHI 357, AUPHI 358, AUSOC 103, AUSOC 283).
- A Musical Arts major student must complete a minor in another discipline (★18). For available minors see Programs.

Additional Information for Students

A student considering graduate studies is encouraged to take option courses that examine cultural and critical theory.

A student considering graduate studies should note that certain graduate programs require a reading knowledge of one or more of French, German, and Italian.

A student should prepare to pass the Keyboard Skills Proficiency Examination (KSPE) before third year.

Senior music courses are often offered in alternate years only.

Program Recommendations

Recommended first-year program:

- ★4-6: applied music.
- ★3: ensembles.

★7.5:

- AUMUS 160 - Theoretical and Analytical Studies I
- AUMUS 162 - Aural and Sight Singing Skills I
- AUMUS 170 - Tuning In: An Introduction to Music

★15-17:

- AUENG 103 - English Literature from the Romantic Period to the Present
- AUENG 104 - English Literature from the Middle Ages to the Romantic Period
- and/or second language, and/or non-Music options.

Recommended second-year program includes:

- ★4-6: applied music.
- ★3: ensembles.

★16.5:

- AUMUS 228 - Music Studies and Information Literacy
- AUMUS 260 - Theoretical and Analytical Studies II
- AUMUS 261 - Theoretical and Analytical Studies III

- AUMUS 262 - Aural and Sight Singing Skills II
- AUMUS 263 - Aural and Sight Singing Skills III

and ★6 from

- AUMUS 224 - Medieval and Renaissance Music
- AUMUS 225 - Baroque and Classical Music
- AUMUS 226 - Romantic and Twentieth-Century Music

★3-6: non-Music option(s) or remaining credits from

- AUENG 103 - English Literature from the Romantic Period to the Present
- AUENG 104 - English Literature from the Middle Ages to the Romantic Period
- or second language.

Recommended third- and fourth-year programs include:

- ★6 additional credits of Music courses in Music History and Literature, Music in Society at the 300- or 400-level as approved by the Department of Fine Arts and Humanities.
- All additional credits as specified under the Bachelor of Music requirements listed above.

★6:

- AUMUS 361 - Form, Analysis, and the Construction of Musical Meaning
 - AUMUS 369 - Rethorizing Music: From Modernism to Postmodernism
- OR**
- AUMUS 469 - Rethorizing Music: From Modernism to Postmodernism

Bachelor of Science (BSc)

Overview

The Bachelor of Science degree consists of ★120 arts and science, including at least ★66 science (see Classification of Courses). The ★120 in the program are made up of the Engagement and Knowledge components of the Augustana Core, a major subject, an optional minor, and options, as follows:

The Augustana Core: Engagement

Engagement requirements consist of five different categories. A student must complete ★15 from at least three of the five categories with no more than ★6 in any one category; courses which satisfy these requirements may overlap with a student's major:

- Creative & Imaginative Process
- Diversity and Global Studies
- Environmental Sustainability
- Experiential Learning
- Integrating Knowledge

For more detail on which courses may be counted towards these categories, see Augustana Chart 1 Core Engagement Requirements.

The Augustana Core: Knowledge

The ★21 Breadth of Knowledge requirements consist of four different categories; the ★21 credits counted towards these categories may not overlap with a student's first major:

- ★3 Fine Arts
- ★6 Humanities
- ★6 Science
- ★6 Social sciences

For the actual classification of Augustana courses within these categories, see Classification of Courses.

Note: The same credit may not be counted twice in courses that relate to more than one category within the Engagement and Knowledge components of the Augustana Core; that is, a total of 36 different credits must be earned to fulfill these requirements.

Major subject:

★42-60 in one discipline (with the minimum number of credits specified by the discipline), including no more than ★12 at the junior level (except when required in a discipline with a performance component or in an

interdisciplinary program that requires junior courses from several different disciplines) and including a minimum of ★9 at the 300- and 400-level, of which at least ★3 must be at the 400-level. Normally no more than ★60 in one discipline will be credited towards the degree. In some cases, a major may also require courses in one or more disciplines outside the major; these may be prerequisites for specific courses in the major and/or courses supporting the major in a more general way (up to a maximum of ★24).

Note: A student should be aware that it may not be possible to complete certain combinations of majors, or combinations of majors and minors, without extending the time required to earn the degree.

Optional minor:

A minimum of ★18 in one discipline or approved interdisciplinary area, including at least ★12 at the senior level.

Options:

★3-21 (or more, depending on the amount of overlap between the core and the requirements for the major, and/or minor) of the student's choice, (see General Regulations Governing Course Selections). A student may choose to use options to work toward a minor, or second major but should be aware that a double major normally requires more than ★120 in the degree program.

Residence Requirement

Students registered in a BSc program must complete at least ★60 offered by the Augustana Faculty, at least ★54 of which must be at the senior level. However, language or other study abroad may, with special permission of the Associate Dean, Academic, count toward the residency requirement.

Note: Students transferring into this degree program within the framework of a Faculty-approved transfer agreement must complete ★60 of the final credits of their degree program with credits offered by the Augustana Faculty.

BSc Major/Minor Requirements

Biology

Major in Biology

A student may choose a BA or BSc in Biology. See Augustana Faculty for Admission Requirements.

Requirements

- AUBIO 111 - Integrative Biology I
- AUBIO 112 - Integrative Biology II
- AUBIO 230 - Molecular Cell Biology
- AUBIO 253 - Ecological Interactions
- AUBIO 260 - Principles of Genetics
- AUBIO 280 - Biochemistry: Proteins, Enzymes and Energy

- AUBIO 323 - Plant Biology **OR**
- AUBIO 394 - Comparative Invertebrate Zoology **OR**
- AUBIO 395 - Vertebrate Form and Function **OR**
- AUBIO 397 - Vertebrate Physiology

- AUBIO 338 - Developmental Biology **OR**
- AUBIO 438 - Evolutionary Development Biology

- AUBIO 390 - Animal Behaviour **OR**
- AUBIO 413 - Advanced Topics in Evolutionary Ecology **OR**
- AUBIO 495 - Mammalogy

- AUBIO 411 - History and Theory of Biology
- ★12 additional AUBIO
- At least 6 of the credits in requirements (4)-(7) must be at the 400-level.

Supporting courses: ★6 in chemistry:

- AUCHE 110 - General Chemistry I
- AUCHE 250 - Organic Chemistry I

The BSc in Biology requires the following additional supporting courses:

- AUCHE 112 - General Chemistry II
- ★3 AUMAT (excluding AUMAT 107)
- AUSTA 215 - Statistical Methods for the Natural Sciences

Note: At least ★3 AUPHY is recommended for students in the BSc program who do not have credit in Physics 30. Students interested in pursuing graduate studies in biochemistry, cell biology, or physiology are advised to complete ★6 AUPHY.

Additional information for students

1. A student considering a professional career in biology upon completion of the degree is advised that membership in the Alberta Society of Professional Biologists requires the completion of a biology degree program that includes 25 full-term courses (★75) in science courses, including at least 15 courses (★45) in biological sciences (biology, botany, ecology, microbiology, zoology, etc.), of which at least 4 courses (★12) are at the 300- or 400-level.
2. A student interested in a profession within the health sciences (medicine, veterinary medicine, optometry, etc.) should enrol in the BSc, consider as well a minor in Chemistry plus ★3 in Mathematics; and take an English literature course in the first year. The student should check with professional schools of interest for specific courses required for admission.
3. Recommended course for a student interested in botany: AUBIO 323.
4. Recommended courses for a student interested in invertebrate zoology: AUBIO 350, AUBIO 390, AUBIO 394, AUBIO 413, AUBIO 459.
5. Recommended courses for a student interested in vertebrate zoology: AUBIO 350, AUBIO 390, AUBIO 395, AUBIO 397, AUBIO 413, AUBIO 495.
6. Recommended options include Chemistry, Mathematics, and Physics.
7. AUPHI 350 and AUPHI 355 are highly recommended.
8. Plans for taking AUBIO 318, AUBIO 319, AUBIO 418, or AUBIO 419, should be discussed with the Department Chair or Academic Advisor in the year preceding registration in the course.
9. Many senior Biology courses are offered only in alternate years.

Recommended first-year program

Required courses:

- AUBIO 111 - Integrative Biology I
- AUBIO 112 - Integrative Biology II
- AUCHE 110 - General Chemistry I

Required courses in the BSc

- (these may be replaced with options in the BA).
- AUCHE 112 - General Chemistry II
- ★3 Mathematics
- Recommended courses
- ★3 Mathematics.
- ★6 Literature.

Minor in Biology

Requirements

- AUBIO 111 - Integrative Biology I **OR**
- AUBIO 112 - Integrative Biology II

- ★9 in senior level AUBIO
- ★3 in AUBIO at the 300- or 400-level
- 3 additional credits in AUBIO

Chemistry

Major in Chemistry

A student may choose a BA or BSc in Chemistry. See Augustana Faculty for Admission Requirements.

Requirements

- AUCHE 110 - General Chemistry I
- AUCHE 112 - General Chemistry II
- AUCHE 220 - Analytical Chemistry
- AUCHE 230 - Inorganic Chemistry I

- AUCHE 250 - Organic Chemistry I
- AUCHE 279 - Physical Chemistry
- AUCHE 405 - Selected Topics in Chemistry
- AUCHE 450 - Enzymes and Enzyme Mechanisms
- AUCHE 485 - Selected Topics in Biochemistry
- An additional 21 senior credits in AUCHE, at least ★6 of which must be at the 300- or 400-level. The BSc in Chemistry requires that AUCHE 277 be taken to satisfy ★3 of this requirement.

Supporting courses:

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**
- AUMAT 116 - Elementary Calculus I

Note: The BSc in Chemistry requires additional supporting courses: ★3 AUMAT 112 and ★6 AUPHY (including AUPHY 120, which is a prerequisite for AUCHE 277).

Additional information for students

1. Students interested in a graduate degree in Chemistry (i.e., MSc, PhD) should enrol in the BSc program and take more than the minimum required credits (in total and at the 400-level).
2. ★3 in Statistics are recommended. Some senior courses are offered in alternate years.
3. Plans for taking a Chemistry project course should be discussed with the Department Chair in the year prior to registering in the course.
4. A student is advised to take the Mathematics supporting courses early in the program. Note that AUMAT 110, AUMAT 111, or AUMAT 116 is a recommended corequisite for AUCHE 220 and AUCHE 222 is required for AUCHE 279; that AUMAT 211 is a recommended corequisite for AUCHE 277 and a required prerequisite for AUCHE 377; and that AUMAT 120 is a required prerequisite for AUCHE 430.

Recommended first-year program

Required courses:

- AUCHE 110 - General Chemistry I
- AUCHE 112 - General Chemistry II

Recommended courses:

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**
- AUMAT 116 - Elementary Calculus I
- **AND**
- AUMAT 112 - Elementary Calculus II
- AUPHY 110 - Mechanics
- AUPHY 120 - Waves, Thermodynamics, and Optics

Minor in Chemistry

Requirements

- AUCHE 110 - General Chemistry I
- AUCHE 112 - General Chemistry II
- ★9 in senior level AUCHE
- 3 additional credits in AUCHE at the 300 or 400-level

Computing Science

Major in Computing Science

A student may choose a BA or BSc in Computing Science. See Augustana Faculty for Admission Requirements.

Requirements

General Stream

- AUCSC 111 - Introduction to Computational Thinking and Problem Solving
- AUCSC 112 - Data Structures and Algorithms
- AUCSC 220 - Software Engineering I
- AUCSC 250 - Computer Organization and Architecture I
- AUCSC 310 - Algorithm Design and Analysis
- AUCSC 370 - Programming Languages
- AUCSC 490 - Social and Ethical Issues for Computing Professionals

- ★15 additional senior credits in Computing Science, including at least an additional ★3 at the 400-level (other than AUCSC 401 and AUCSC 402).

★6 from

- AUCSC 320 - Software Engineering II
- AUCSC 330 - Database Management Systems I
- AUCSC 350 - Computer Organization and Architecture II
- AUCSC 380 - Operating Systems Concepts

Supporting courses: ★12 AUMAT including

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**
- AUMAT 116 - Elementary Calculus I

- AUMAT 120 - Linear Algebra I
- AUMAT 250 - Discrete Mathematics
- ★3 AUSTA

Practicum Stream:

- AUCSC 401 and AUCSC 402, plus all the requirements of the General Stream as listed above.

Additional information for students

1. AUCSC 112 requires AUMAT 110 or AUMAT 111, or AUMAT 116 and AUMAT 120 as corequisites.
2. AUCSC 340 requires AUMAT 211 as a prerequisite, which in turn requires AUMAT 112 as a prerequisite.
3. At least ★3 in Physics is recommended.
4. Many senior Computing Science courses are offered in alternate years only. Some 300- and 400-level Computing Science courses are offered only if there is sufficient student demand.
5. AUCSC 401 and AUCSC 402 are practicum courses available to a limited number of senior Computing Science majors. Each of these courses provides four months of practical experience either through employment in an information systems context with an external organization, or through a directed self-study (possibly leading to a professional certification).

Recommended first-year program

Required courses

- AUCSC 111 - Introduction to Computational Thinking and Problem Solving
- AUCSC 112 - Data Structures and Algorithms
- ★6
- AUMAT 110 - Elementary Calculus I
- AUMAT 111
- AUMAT 116 - Elementary Calculus I
- AUMAT 120 - Linear Algebra I

Environmental Science (BSc)/Environmental Studies (BA)

Major in Environmental Science/Studies

A student may choose a BSc in Environmental Science or a BA in Environmental Studies. See Augustana Faculty for Admission Requirements.

Requirements

- ★6 overlapping credits at the 400-level from the courses listed in requirements ★12 in environmental studies, ★6 in environmental perspectives-★3 in applied environmental studies and Additional non-overlapping.
- Additional non-overlapping credits

★12 in environmental studies

- AUECO 341 - Environmental Economics
- AUENV 120 - Human Activities and the Natural Environment
- AUENV 324 - Resource and Environmental Management
- AUENV 341 - Environmental Economics
- AUENV 421 - Environmental Science: History and Impacts
- AUGEO 120 - Human Activities and the Natural Environment
- AUGEO 324 - Resource and Environmental Management
- AUGEO 421 - Environmental Science: History and Impacts

★3 in ecology

- AUBIO 253 - Ecological Interactions
- ★3 in earth science
- AUGEO 230 - Geomorphology
- AUGEO 231 - Climatology

★6 in environmental perspectives

- AUENG 268 - Women and Environmental Literature
- AUENG 269 - The End of the World: Contemporary Apocalyptic Literature
- AUENG 327
- AUENG 368 - Women and Environmental Literature
- AUENG 369 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 268 - Women and Environmental Literature
- AUENV 269 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 327 - Environmental Education and Heritage Interpretation
- AUENV 328 - Environmental Politics
- AUENV 344 - Environmental Psychology
- AUENV 345 - Religion and Ecology
- AUENV 355 - Philosophy, Technology, and the Environment
- AUENV 358 - Environmental Sociology
- AUENV 368 - Women and Environmental Literature
- AUENV 369 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 375 - Canadian Environmental History
- AUENV 458
- AUENV 475 - Canadian Environmental History
- AUHIS 375 - Canadian Environmental History
- AUHIS 475 - Canadian Environmental History
- AUPHI 355 - Philosophy and the Environment
- AUPOL 328 - Environmental Politics
- AUPSY 344 - Environmental Psychology
- AUREL 345 - Religion and Ecology
- AUSOC 358 - Environmental Sociology
- AUSOC 458

★3 in applied environmental studies

- AUBIO 322 - Economic Botany
- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUBIO 350 - Conservation Theory and Biodiversity in Tropical Systems
- AUBIO 354 - Freshwater Ecology and Management
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUECO 449 - Economic Methods of Project Evaluation
- AUENV 252 - Wildlife Diversity of Alberta
- AUENV 320 - Parks and Wilderness
- AUENV 322 - Economic Botany
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUENV 335 - Wildlife Ecology and Management
- AUENV 350 - Conservation Theory and Biodiversity in Tropical Systems
- AUENV 354 - Freshwater Ecology and Management
- AUENV 420 - Parks and Wilderness
- AUENV 425 - Environmental Impact Assessment
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGEO 218 - Introduction to Geographic Information Systems
- AUGEO 320 - Parks and Wilderness
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUGEO 420 - Parks and Wilderness
- AUGEO 425 - Environmental Impact Assessment

For the BSc in Environmental Science:

An additional ★6 in applied environmental studies from ★3 in applied environmental studies above

★3 in outdoor experience or practica

- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUENV 132
- AUENV 232
- AUENV 260 - Environmental Studies Practicum
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGEO 132
- AUGEO 232
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUGEO 343 - Expedition in the Canadian North
- AUIDS 260
- AUPED 184 - Introduction to Outdoor Education
- AUPED 285 - Introduction to Ski Touring

- AUPED 286 - Outdoor Education and Leadership
- AUPED 388 - Arctic Canoe Expedition

★6 from the following:

- AUBIO 222
- AUBIO 320 - Plant Autecology
- AUBIO 321 - Plant Synecology
- AUBIO 323 - Plant Biology
- AUBIO 423
- AUBIO 274 - Microbiology
- AUBIO 294
- AUBIO 341 - Entomology
- AUBIO 343 - Insect Ecology
- AUBIO 355 - Ecological Dynamics
- AUBIO 390 - Animal Behaviour
- AUBIO 395 - Vertebrate Form and Function
- AUBIO 397 - Vertebrate Physiology
- AUBIO 495 - Mammalogy
- AUBIO 351 - Biogeography
- AUGEO 351 - Biogeography
- AUBIO 413
- AUCHE 220 - Analytical Chemistry
- AUENV 201 - Directed Studies
- AUENV 301 - Directed Studies
- AUENV 401 - Directed Studies
- AUENV 252 - Wildlife Diversity of Alberta
- AUENV 327 - Environmental Education and Heritage Interpretation
- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUGEO 218 - Introduction to Geographic Information Systems
- AUGEO 230 - Geomorphology
- AUGEO 231 - Climatology
- AUMAT 332 - Mathematical Ecology and Dynamical Systems

For the BA in Environmental Studies (General stream):

An additional ★6 in environmental perspectives from above

An additional ★6 in applied environmental studies from above and/or from the following:

- AUBIO 222
- AUBIO 320 - Plant Autecology
- AUBIO 321 - Plant Synecology
- AUBIO 323 - Plant Biology
- AUBIO 423
- AUBIO 274 - Microbiology
- AUBIO 294
- AUBIO 341 - Entomology
- AUBIO 343 - Insect Ecology
- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUBIO 355 - Ecological Dynamics
- AUBIO 390 - Animal Behaviour
- AUBIO 395 - Vertebrate Form and Function
- AUBIO 397 - Vertebrate Physiology
- AUBIO 495 - Mammalogy
- AUBIO 351 - Biogeography
- AUGEO 351 - Biogeography
- AUBIO 413 - Advanced Topics in Evolutionary Ecology
- AUCHE 220 - Analytical Chemistry
- AUENV 201 - Directed Studies
- AUENV 301 - Directed Studies
- AUENV 401 - Directed Studies
- AUENV 202 - Directed Reading
- AUENV 302 - Directed Reading
- AUENV 402 - Directed Reading
- AUENV 233 - Soil Science and Soil Resources
- AUGEO 233 - Soil Science and Soil Resources
- AUENV 252 - Wildlife Diversity of Alberta
- AUENV 327 - Environmental Education and Heritage Interpretation
- AUGEO 230 - Geomorphology
- AUGEO 231 - Climatology
- AUMAT 332 - Mathematical Ecology and Dynamical Systems

★3 in outdoor experience or practica

- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUENV 132
- AUENV 232
- AUENV 260 - Environmental Studies Practicum
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGEO 132
- AUGEO 232
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUGEO 343 - Expedition in the Canadian North
- AUIDS 260
- AUPED 184 - Introduction to Outdoor Education
- AUPED 285 - Introduction to Ski Touring
- AUPED 286 - Outdoor Education and Leadership
- AUPED 388 - Arctic Canoe Expedition

For the BA in Environmental Studies (Outdoor Education stream):

- AUPED 184 - Introduction to Outdoor Education **OR**
- AUPED 285 - Introduction to Ski Touring
- AUGEO 343 - Expedition in the Canadian North **OR**
- AUPED 286 - Outdoor Education and Leadership **OR**
- AUPED 388 - Arctic Canoe Expedition
- AUPED 383 - Programming and Processing the Adventure Experience
- AUPED 389 - Foundations of Outdoor, Adventure, and Experiential Education
- Certification in wilderness emergency care; and instructor-level certification in two outdoor education activities such as skiing, canoeing, or orienteering (these certifications must be current on the date of graduation).

★3 from

- AUPAC 109
- AUPAC 125 - Canoeing
- AUPAC 134 - Indoor Climbing
- AUPAC 209
- AUPAC 225 - Advanced Canoeing
- AUPAC 270 - Adventure Games
- AUPAC 326 - Moving Water Canoeing: Skill and Instructional Development

Supporting courses:

- AUECO 101 - Introduction to Microeconomics
- AUSTA 215 - Statistical Methods for the Natural Sciences
- The BSc in Environmental Science requires additional supporting courses:
 - ★6 Chemistry.
 - ★3 Mathematics (excluding AUMAT 107).
 - ★6 Physics.

Additional information for students

1. Students considering graduate studies should take a directed reading, directed studies, or directed project in the field.
2. A student in the BA Environmental Studies (Outdoor Education stream) is strongly advised to take one of AUBIO 395 and AUBIO 397; or AUPED 112, AUPED 215 and AUPED 216.
3. A student interested in a career in environmental health and safety, air quality, water quality, and land management is encouraged to take additional credits from AUCHE 220, AUCHE 230, AUCHE 232, AUCHE 250, AUCHE 252, and AUCHE 330. A student interested in air quality should also take AUGEO 231. A student interested in land management should also take AUGEO 230.
4. A student interested in a career in vertebrate ecology is encouraged to take additional credits from AUBIO 350, AUBIO 359, AUBIO 390, AUBIO 393, AUBIO 395, AUBIO 450, AUBIO 459, AUBIO 493, AUENV 350, AUENV 359, AUENV 450, AUENV 459.
5. A student interested in a career in plant ecology is encouraged to take additional credits from AUBIO 320, AUBIO 321, AUBIO 322, AUBIO 323, AUBIO 423, AUENV 322.
6. AUIDS 380, AUIDS 381, AUIDS 382/AUIDS 383, AUIDS 384/AUIDS 385, AUPHI 350 are highly recommended.

7. Plans for taking AUENV 301, AUENV 302, AUENV 401, or AUENV 402 should be discussed with the Department Chair and supervising instructor in the year preceding registration in the course.
8. Many senior courses are offered only in alternate years; some of these require additional prerequisites.

Recommended first-year program

Required courses for all streams

- AUECO 101 - Introduction to Microeconomics
- AUENV 120 - Human Activities and the Natural Environment **OR**
- AUGEO 120 - Human Activities and the Natural Environment
- For the BSc stream, additional required courses:
- AUCHE 110 - General Chemistry I
- AUCHE 112 - General Chemistry II
- ★3 Mathematics
- ★6 Physics

For the BA general stream, additional recommended courses:

- AUREL 100 - Exploring Religious Meaning
- AUPSY 102 - Individual and Social Behaviour

For the BA outdoor education stream, additional required courses:

- AUPED 184 - Introduction to Outdoor Education
- AUBIO 130 **OR**
- AUPED 112 - Structural Human Anatomy

Minor in Environmental Studies

Requirements

- AUENV 120 - Human Activities and the Natural Environment **OR**
- AUGEO 120 - Human Activities and the Natural Environment
- AUBIO 253 - Ecological Interactions

★3 in environmental analysis

- AUECO 341 - Environmental Economics
- AUENV 324 - Resource and Environmental Management
- AUENV 341 - Environmental Economics
- AUENV 421 - Environmental Science: History and Impacts
- AUGEO 324 - Resource and Environmental Management
- AUGEO 421 - Environmental Science: History and Impacts

★3 in earth science

- AUGEO 230 - Geomorphology
- AUGEO 231 - Climatology

★3 of applied environmental studies

- AUBIO 322 - Economic Botany
- AUBIO 350 - Conservation Theory and Biodiversity in Tropical Systems
- AUBIO 354 - Freshwater Ecology and Management
- AUBIO 359
- AUBIO 450
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUECO 449 - Economic Methods of Project Evaluation
- AUENV 252 - Wildlife Diversity of Alberta
- AUENV 320 - Parks and Wilderness
- AUENV 322 - Economic Botany
- AUENV 350 - Conservation Theory and Biodiversity in Tropical Systems
- AUENV 354 - Freshwater Ecology and Management
- AUENV 359
- AUENV 420 - Parks and Wilderness
- AUENV 425 - Environmental Impact Assessment
- AUENV 450
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGEO 218 - Introduction to Geographic Information Systems
- AUGEO 320 - Parks and Wilderness
- AUGEO 354
- AUGEO 420 - Parks and Wilderness
- AUGEO 425 - Environmental Impact Assessment
- or outdoor experience or practica
- AUBIO 334 - Field Studies in Environmental Science and Ecology
- AUBIO 359
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUENV 132

- AUENV 232
- AUENV 260 - Environmental Studies Practicum
- AUENV 334 - Field Studies in Environmental Science and Ecology
- AUENV 359
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGEO 132
- AUGEO 232
- AUGEO 334 - Field Studies in Environmental Science and Ecology
- AUGEO 343 - Expedition in the Canadian North
- AUIDS 260
- AUPED 184 - Introduction to Outdoor Education
- AUPED 285 - Introduction to Ski Touring
- AUPED 286 - Outdoor Education and Leadership
- AUPED 388 - Arctic Canoe Expedition

★3 in environmental perspectives

- AUENG 268 - Women and Environmental Literature
- AUENG 269 - The End of the World: Contemporary Apocalyptic Literature
- AUENG 368 - Women and Environmental Literature
- AUENG 369 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 268 - Women and Environmental Literature
- AUENV 269 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 327 - Environmental Education and Heritage Interpretation
- AUENV 328 - Environmental Politics
- AUENV 344 - Environmental Psychology
- AUENV 345 - Religion and Ecology
- AUENV 355 - Philosophy, Technology, and the Environment
- AUENV 358 - Environmental Sociology
- AUENV 368 - Women and Environmental Literature
- AUENV 369 - The End of the World: Contemporary Apocalyptic Literature
- AUENV 375 - Canadian Environmental History
- AUENV 458
- AUENV 475 - Canadian Environmental History
- AUHIS 375 - Canadian Environmental History
- AUHIS 475 - Canadian Environmental History
- AUPHI 355 - Philosophy and the Environment
- AUPOL 328 - Environmental Politics
- AUPSY 344 - Environmental Psychology
- AUREL 345 - Religion and Ecology
- AUSOC 358 - Environmental Sociology
- AUSOC 458

Geography

Minor in Geography

Requirements

- AUGEO 120 - Human Activities and the Natural Environment
- 15 additional credits in Geography, 12 of which must be senior credits

Management

Major in Management

Augustana Faculty offers a Bachelor of Management in Business Economics (BMgt) degree. More information on the BMgt is available in Bachelor of Management in Business Economics (BMgt).

Note: The Management minor is available to students in the BA, BMus, and BSc programs in Augustana Faculty. Students registered in a BMgt degree program are not eligible to register for a Management minor.

Mathematics and Physics

Major in Mathematics and Physics

A student may choose a BA or BSc in Mathematics and Physics. See Augustana Faculty for Admission Requirements.

Requirements

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**

- AUMAT 116 - Elementary Calculus I
- AUMAT 112 - Elementary Calculus II
- AUMAT 120 - Linear Algebra I
- AUMAT 211 - Intermediate Calculus I
- AUMAT 212 - Intermediate Calculus II
- AUMAT 220 - Linear Algebra II
- AUMAT 229 - Introduction to Group Theory
- AUMAT 250 - Discrete Mathematics
- AUPHY 110 - Mechanics
- AUPHY 120 - Waves, Thermodynamics, and Optics
- AUPHY 250 - Electricity and Magnetism
- AUPHY 260 - Introduction to Relativity and Quantum Mechanics
- AUPHY 291 - Advanced Laboratory I
- AUMAT 332 - Mathematical Ecology and Dynamical Systems **OR**
- AUMAT 340 - Numerical Methods **OR**
- AUPHY 340 - Numerical Methods in Physics **OR**
- AUMAT 480 - History of Mathematics and Physics **OR**
- AUPHY 480 - History of Physics and Mathematics
- 9 additional credits in AUMAT or AUPHY at least 6 of which are at the 300-level or higher.

Additional information for students

- Students interested in graduate studies (i.e., a MSc or PhD degree) should take more than the minimum required credits at the 300- and 400-levels, and should especially consider taking a directed study course at the 400-level (i.e., AUMAT 495 or AUPHY 495).
- Most senior courses (200-level and above) are taught in alternate years only (or possibly even more rarely, depending on student demand).

Minor in Mathematics

Requirements

- AUMAT 110 - Elementary Calculus I **OR**
- AUMAT 111 **OR**
- AUMAT 116 - Elementary Calculus I
- AUMAT 112 - Elementary Calculus II
- AUMAT 120 - Linear Algebra I
- AUMAT 250 - Discrete Mathematics
- 9 additional senior credits in Mathematics

Physical Education

Major in Physical Education

A student chooses one of the following two streams:

BA or BSc (Physical Education - Kinesiology and Sport Studies)

Requirements

- ★9 in AUPAC (Physical Activity Courses).
- AUPED 112 - Structural Human Anatomy
- AUPED 160 - Sociocultural Aspects of Sport and Physical Activity
- AUPED 215 - Introduction to Human Physiology I
- AUPED 314 - Exercise Physiology
- AUPED 393 - Tests and Measurements in Physical Education
- AUPED 462 - Issues in Physical Education
- AUPED 493 - Introduction to Research in Physical Education
- 6 additional senior credits in Physical Education.
- Within the course selection above, no more than 18 junior credits in Physical Activity courses and Physical Education courses combined.

★6 from

- AUPED 220 - Human Growth and Development
- AUPED 232 - Introduction to Biomechanics
- AUPED 342
- AUPED 351

★6 from

- AUPED 184 - Introduction to Outdoor Education
- AUPED 262 - Sport, Physical Activity, and the Body: Historical Perspectives
- AUPED 290 - Studies in Leadership Theory
- AUPED 368 - History of Sport in Canada
- AUPED 369 - The Modern Olympic Games
- AUPED 469 - Sport and Canadian Popular Culture

Additional information for students

1. Not all senior courses are offered every year.
2. Although not required in the major, AUPED 216 is recommended for those Physical Education students who are seeking a BSc degree. AUPED 215 and AUPED 216 are recommended for other students who intend to complete a degree in Physical Therapy, Occupational Therapy, or an Advanced Certificate in Athletic Therapy.

Recommended first-year program

Required courses

- AUPED 112 - Structural Human Anatomy
- ★3 AUPAC 100-199.
- AUPED 160 - Sociocultural Aspects of Sport and Physical Activity

BA or BSc (Physical Education - Outdoor Education)

Requirements

- ★9 in AUPAC (Physical Activity Courses).
- AUPED 112 - Structural Human Anatomy
- AUPED 215 - Introduction to Human Physiology I
- AUPED 314 - Exercise Physiology
- AUPED 290 - Studies in Leadership Theory
- AUPED 383 - Programming and Processing the Adventure Experience
- AUPED 389 - Foundations of Outdoor, Adventure, and Experiential Education
- AUPED 393 - Tests and Measurements in Physical Education
- AUPED 462 - Issues in Physical Education
- AUPED 493 - Introduction to Research in Physical Education
- Outdoor education-related certifications are required. Please consult Augustana Physical Education Department for details.
- Within the course selection above, no more than 18 junior credits in Physical Activity courses and Physical Education courses combined.

★3 from

- AUPED 220 - Human Growth and Development
- AUPED 232 - Introduction to Biomechanics
- AUPED 342
- AUPED 351

★3 from

- AUPED 160 - Sociocultural Aspects of Sport and Physical Activity
- AUPED 262 - Sport, Physical Activity, and the Body: Historical Perspectives
- AUPED 368 - History of Sport in Canada
- AUPED 369 - The Modern Olympic Games
- AUPED 469 - Sport and Canadian Popular Culture

★3 from

- AUPED 184 - Introduction to Outdoor Education
- AUPED 285 - Introduction to Ski Touring
- AUPED 286 - Outdoor Education and Leadership
- AUPED 388 - Arctic Canoe Expedition

Additional information for students

1. It is strongly recommended that a student take AUPAC 225 and/or AUPAC 326 from ★9 in AUPAC (Physical Activity Courses), above.
2. It is strongly recommended that a student take AUPED 383 and AUPED 389 in the third or fourth year.
3. Although not required in the major, AUPED 216 is recommended for those Physical Education students who are seeking a BSc degree. AUPED 215 and AUPED 216 are recommended for other students who intend to complete a degree in Physical Therapy, Occupational Therapy, or an Advanced Certificate in Athletic Therapy.

- A student should consider including one or more of AUGEO 120, AUGEO 230, AUGEO 231, AUGEO 320, AUGEO 324, AUBIO 253, AUBIO 353.
- Some courses are offered in alternate years only.

Recommended first-year program

Required courses

- AUPED 112 - Structural Human Anatomy
- ★3 AUPAC 100-199.
- AUPED 184 - Introduction to Outdoor Education

Psychology

Major in Psychology

A student may choose a BA or BSc in Psychology. See Augustana Faculty for Admission Requirements.

Requirements

- AUPSY 101 - Basic Psychological Processes
- AUPSY 102 - Individual and Social Behaviour
- AUPSY 213 - Statistical Methods for Psychological Research
- AUPSY 313 - Advanced Research Design
- AUPSY 408 - History and Systems of Psychology **OR**
- AUPSY 409 - History and Systems of Psychology
- 15 additional senior credits in Psychology.
- At least 9 Psychology credits, including AUPSY 408 or AUPSY 409, at the 400-level.

★6 from

- (social/personality/developmental).
- AUPSY 220 - Personality
- AUPSY 240 - Social Psychology
- AUPSY 256 - Developmental Psychology

★6 from

- (cognition/perception/physiological).
- AUPSY 263 - Memory and Cognition
- AUPSY 267 - Sensory Processes and Perception
- AUPSY 275 - An Introduction to the Brain and Nervous System

Additional information for students

- A student should take AUPSY 213 and the chosen/required 200-level courses, in the second year.
- AUPSY 313 should be taken in the third year.
- A student who is considering graduate studies in Psychology is advised to take AUPSY 313 in the third year and AUPSY 408/AUPSY 409, AUPSY 497, and AUPSY 499 in the fourth year.
- It is recommended that AUIDS 380 or AUIDS 385 be taken. Courses in the philosophy of science, philosophy of social science, and philosophy of technology are also recommended.
- Many senior Psychology courses are offered in alternate years only.

A student interested in pursuing graduate studies in clinical or counselling psychology should take (in addition to required courses):

In the second year

- AUPSY 220 - Personality
- AUPSY 240 - Social Psychology
- AUPSY 256 - Developmental Psychology
- AUPSY 275 - An Introduction to the Brain and Nervous System

In the third year

- AUPSY 331 - Psychological Assessment: Theory and Practice
- AUPSY 342 - Health Psychology

In the fourth year

- AUPSY 483 - Psychological Disorders
- AUPSY 486 - Clinical and Counselling Psychology
- AUPSY 497 - Individual Study I
- AUPSY 499 - Individual Study II

The following courses would be helpful electives:

- (to be taken when offered since they are not available every year)

- AUPSY 346 - Community Psychology
- AUPSY 377 - Human Neuropsychology **OR**
- AUPSY 477 - The Neurobiology of Learning, Memory, and Addiction
- AUPSY 382 - Family Violence: Dynamics and Prevention
- AUPSY 488 - Forensic Psychology

Courses related to the social/personality stream include

- AUPSY 304 - Personality Seminar
- AUPSY 308 - Social Psychology Seminar
- AUPSY 344 - Environmental Psychology
- AUPSY 346 - Community Psychology
- AUPSY 483 - Psychological Disorders
- AUPSY 486 - Clinical and Counselling Psychology
- AUPSY 488 - Forensic Psychology

Courses related to the developmental/cognitive stream include

- AUPSY 301 - Psycholinguistics Seminar
- AUPSY 302 - Developmental Seminar
- AUPSY 307 - Cognitive Psychology Seminar
- AUPSY 352
- AUPSY 354
- AUPSY 362 - Cognitive Development
- AUPSY 373 - Psychology of Language
- AUPSY 471 - Language Acquisition

Courses related to the physiological stream include

- AUPSY 303 - Sleep, Emotion, and Stress: Physiological Psychology Seminar
- AUPSY 369 - Principles of Learning
- AUPSY 377 - Human Neuropsychology
- AUPSY 477 - The Neurobiology of Learning, Memory, and Addiction

Recommended first-year program

Required courses:

- AUPSY 101 - Basic Psychological Processes
- AUPSY 102 - Individual and Social Behaviour

Minor in Psychology

Requirements

- AUPSY 101 - Basic Psychological Processes
- AUPSY 102 - Individual and Social Behaviour
- ★6 additional senior credits in Psychology. AUPSY 213 is recommended.

★3 from

- (social/personality/developmental).
- AUPSY 220 - Personality
- AUPSY 240 - Social Psychology
- AUPSY 256 - Developmental Psychology

★3 from

- (cognition/perception/physiological).
- AUPSY 263 - Memory and Cognition
- AUPSY 267 - Sensory Processes and Perception
- AUPSY 275 - An Introduction to the Brain and Nervous System

Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana)

Overview

The Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana) is offered jointly by the Augustana Faculty and the Faculty of Education as an alternative to the BSc followed by a BEd After-Degree (a six-year route). It provides less flexibility in course choice and scheduling than taking the degrees consecutively, because it is designed

to meet the minimum requirements of both degrees, as well as teacher certification requirements, in five years.

The program is normally completed in five years, three years in the Augustana Faculty and two years in the Faculty of Education.

Residence Requirement

A student in the Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana) normally will be required to complete at least ★60 of the first ★90 of the program at the Augustana Campus while registered in the Augustana Faculty. Of the courses taken at the Augustana campus, at least ★54 must consist of courses from year 2 and year 3 of the program. In addition, at least ★60 must be completed while registered in the Faculty of Education in the final years of the program.

A student may take as many as ★108 at the Augustana Campus, but will be registered as a student in the Faculty of Education for the final ★60 of the program.

Program Requirements

The Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana) consists of ★102 arts and science plus ★48 Education. The ★150 in the program are made up of core and general requirements, Education requirements, a major subject, a minor subject, and options, as follows:

- Core Requirements (★36)
- General Requirements (★12)
- Education Requirements (★48)
- Major Subject (★42 plus supporting or prerequisite courses)
- Minor Subject (★18 plus prerequisite courses)
- Options (★0-18)

Selection of Courses

The following regulations govern the degrees program:

1. A student's program must be approved by an advisor in the appropriate Faculty prior to the start of each Fall/Winter.
2. Within the ★150 program, a student must complete a minimum of ★48 science, ★24 arts, and ★48 Education. (See Classification of Courses).
3. Normally, no more than ★48 at the 100-level are permitted in the degrees program.
4. If there is overlap between the requirements of the selected major and minor, additional courses must be taken in the area of the major and/or minor such that the total number of credits on the major and minor is 60. This provision does not apply to courses listed as prerequisites or supporting courses. The courses to be taken to compensate for the overlap in requirements between a student's major and minor subjects must be approved by the Chair of the Department of Science.

Additional information for Students

Many of the Augustana Faculty's senior science courses are offered only in alternate years, and some are offered only if there is sufficient student demand.

Academic Standing and Graduation

Continuation in the Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana) requires a Fall/Winter Grade Point Average (GPA) of at least 2.3. [See Grade Point Average (GPA) regarding the rules for calculating Grade Point Average.]

A student who fails to meet the continuation requirement must withdraw from the BSc/BEd Degrees program. Such a student may transfer to another program in the Augustana Faculty, the Faculty of Education, or another Faculty, if entrance and promotion requirements for that program are met. After transfer, all requirements for the new program must be met. (See Academic Standing and Graduation for academic standing regulations pertaining to the Augustana Faculty BA and BSc programs and Academic Standing and Promotional Standards for academic standing regulations for admission to the Faculty of Education BEd program.)

Graduation requirements for the Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana) are specified in Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana).

Certificates

Certificate in Community Mental Health: Theory and Practice

The Certificate in Community Mental Health: Theory and Practice is administered by the Augustana Faculty and is available to students with a major in psychology in the Augustana Faculty BA or BSc program.

This certificate will provide students with the necessary understanding and skills to work with mental health or health-related community programs. To this end, the certificate program offers training in principles of psychological health. This includes coverage of psychological and neuropsychological disorders, as well as basic principles of health psychology. In addition, students will learn about

community psychology and principles of social psychology.

The program consists of a subset of the courses needed to satisfy the psychology major requirements. Lectures will be scheduled throughout the week, with some classes possibly offered at night. The lecture component will be delivered via face-to-face instruction at the Augustana Campus.

To qualify for the Certificate in Community Mental Health: Theory and Practice, students accepted into the program must successfully complete ★24 credits, as follows (each course is ★3 credits):

Requirements

- AUPSY 240 - Social Psychology
- AUPSY 275 - An Introduction to the Brain and Nervous System
- AUPSY 342 - Health Psychology
- AUPSY 346 - Community Psychology
- AUPSY 377 - Human Neuropsychology
- AUPSY 483 - Psychological Disorders

Plus ★6 additional credits from the following list:

- AUSOC 224 - Sociology of Deviant Behaviour
- AUSOC 263 - The Social Theory of Community
- AUPSY 414 - Program Evaluation in Psychology
- AUPSY 486 - Clinical and Counselling Psychology

Notes

In addition, within the 24 credits and/or the courses in their Psychology major, students are required to take six credits of courses with a CSL (Community Service-Learning) component.

There are a limited number of spaces available. Normally, a student will make an application at the end of their second year. Interested students should consult with their Academic Advisor as early as possible. To be admitted, students must have a major GPA of 2.7 or above, and must submit an essay. Students should submit an essay (maximum 1,500 words) describing why they want to enter the program and what benefits they anticipate from the program. The essay will be evaluated by members of the psychology discipline who will make a recommendation regarding admission to the embedded certificate program to the Chair of the Department of Social Sciences.

Once admitted, to remain in the program students must maintain a major GPA of 2.7 until they graduate.

Certificate in Writing Studies

A Writing Studies Certificate indicates a high level of achievement in written communication. Writing is a fundamental aspect of education that crosses fields, disciplines, departments and programs, and the research-teaching divide. Writing helps develop critical thinking as it allows individuals to reflect upon, understand, and learn complex new ideas. Writing enables the growth of insight into knowledge, and good writing skills are at the heart of clear, concise, and cogent communication.

Writing is, in fact, a cornerstone to nearly all postsecondary academic endeavours, and it is the integral connection between learning and discovery. Enhanced skills in written communication gained through the integration of learning and discovery, and through multidisciplinary endeavours, are necessary for the highest achievements in knowledge acquisition and translation. The requirements for this Certificate are founded in both

mentorship and peer-based learning, and will inspire students to a deeper engagement with personal development. Excellent writing skills are a necessary competency that stands out in an increasingly competitive job market.

To qualify for the Certificate in Writing Studies, students accepted into the program must successfully complete 30 credits as follows:

★12 of writing instruction:

- AUENG 103 - English Literature from the Romantic Period to the Present
- AUENG 104 - English Literature from the Middle Ages to the Romantic Period

One of

- AUENG 212 - The English Language
- AUENG 215 - Creative Writing
- AUENG 312 - The English Language

One of

- AUIDS 242 - Introduction to Writing Centre Practices
- AUIDS 244 - Introduction to Peer Tutoring and Second-Language Learning Practices in the Writing Centre

★18 in courses designated as "writing intensive" according to the following criteria

- at least 3,000 words of assigned writing,
- at least 50% of the course grade based on writing assignment including but not limited to essays, journals, lab manuals, and exams/quizzes that are graded and returned to the student,
- substantial revision of writing/staged writing assignments through faculty and/or peer review,
- class time devoted to instruction in writing in the discipline.

Courses eligible for inclusion in this requirement are as follows:

- AUART 381 - Selected Topics in Art History
- AUBIO 253 - Ecological Interactions
- AUBIO 350 - Conservation Theory and Biodiversity in Tropical Systems
- AUBIO 390 - Animal Behaviour
- AUBIO 413 - Advanced Topics in Evolutionary Ecology
- AUBIO 459 - Field Studies in Tropical Ecology and Conservation
- AUCRI 453 - Women and the Law
- AUDRA 384 - Playwriting
- AUENG 202 - Women's Writing and Feminist Theology
- AUENG 205 - Children's Literature
- AUENG 207 - Aboriginal/Indigenous Literature
- AUENG 230 - The Early English Renaissance
- AUENG 268 - Women and Environmental Literature
- AUENG 270 - United States Literature to 1865
- AUENG 271 - United States Literature since 1865
- AUENG 280 - Canadian Literature to 1950
- AUENG 281 - Canadian Literature since 1950
- AUENG 292 - Feminist Critical Theory and Women's Writing
- AUENG 302 - Women's Writing and Feminist Theology
- AUENG 305 - Children's Literature
- AUENG 307 - Aboriginal/Indigenous Literature
- AUENG 314 - Advanced Creative Writing: Poetry
- AUENG 317 - Expository Writing
- AUENG 319 - Playwriting
- AUENG 330 - The Early English Renaissance
- AUENG 368 - Women and Environmental Literature
- AUENG 370 - United States Literature to 1865
- AUENG 371 - United States Literature since 1865
- AUENG 380 - Canadian Literature to 1950
- AUENG 381 - Canadian Literature since 1950
- AUENG 392 - Feminist Critical Theory and Women's Writing
- AUENV 350 - Conservation Theory and Biodiversity in Tropical Systems
- AUENV 459 - Field Studies in Tropical Ecology and Conservation
- AUGDS 427
- AUGDS 428
- AUHIS 190 - The Historian's Craft: Research Skills and Tools
- AUHIS 260 - An Introduction to the Study of Canadian History to 1867
- AUHIS 261 - An Introduction to the Study of Canadian History, 1867 to the Present
- AUHIS 361 - Selected Topics in Canadian History
- AUHIS 460 - Selected Topics in Canadian History
- AUHIS 463 - Selected Topics in Canadian History
- AUHIS 467 - The Collaborative Research Seminar: Selected Topics in Canadian History

- AUHIS 480 - The Historian's Craft: Historiography
- AUIDS 270 - Topics in Integrative Studies
- AUMGT 330 - Introduction to Marketing
- AUPHI 102 - Introduction to Western Philosophy II: Modern Philosophy
- AUPHI 200 - Metaphysics: Theories of Reality
- AUPHI 210 - Epistemology: Theories of Knowledge
- AUPHI 277 - Women, Darkness and Crooked Things: Feminist Philosophy
- AUPHI 340 - Contemporary Social and Political Philosophy
- AUPHI 350 - Philosophy of Science
- AUPHI 351 - Thinking About Sex: Philosophy, Science, and the Construction of Sex
- AUPHI 355 - Philosophy and the Environment
- AUPHI 365 - Aesthetics
- AUPOL 310 - Contemporary Political Thought
- AUPOL 453 - Women and the Law
- AUPSY 362 - Cognitive Development
- AUPSY 471 - Language Acquisition
- AUPSY 497 - Individual Study I
- AUPSY 499 - Individual Study II
- AUSCA 221 - Representations of Gender in Modern Scandinavian Literature
- AUSCA 237 - Selected Topics in Scandinavian Literature
- AUSCA 241 - Viking-Age Prose Literature
- AUSCA 251 - Modern Norwegian Literature
- AUSCA 261 - Scandinavian Folk Literature
- AUSCA 271 - Personal Narratives of the North

Notes

Other courses may be approved by Augustana Faculty if they meet the requirements of this certificate program. Students should consult with their Academic Advisor.

Normally a student will make an application at the end of their second year. Interested students should consult with their Academic Advisor as early as possible. To be admitted, students must have a cumulative GPA of 2.7 or above. Once admitted, students must successfully complete the 30 credits stipulated above with a minimum 2.7 GPA.

This certificate is awarded upon graduation.