Augustana Faculty

Located on a picturesque residential campus in the small city of Camrose, 90 kilometers southeast of Edmonton, Augustana’s primary focus is undergraduate teaching and learning. Augustana enrols 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.
51  The Professors

Members of the Faculty

Officers of the Faculty

Dean and Executive Officer
A Berger, PhD

Vice-Dean
R Johnson, PhD

Associate Dean, Academic Programs
HVS Prest, PhD

Associate Dean, Research
R Harde, PhD

Associate Dean, Teaching
TBA

Assistant Dean, External Relations
TE Hanson, BA

Business Manager
AF Heyhurst, CA

Chester Ronning Centre for the Study of Religion and Public Life
D Goo, BA - Director
H-D Mundel, PhD - Associate Director

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

Office of Learning and Beyond
K Mundel, PhD - Director

Faculty Departments

Fine Arts

Associate Professor and Chair
A Carpenter, PhD (Music)

Professors
KB Harder, MVA (Art)
PE Johnson, MA (Drama)
MR Slicher, DMus (Music)

Associate Professors
KA Corcoran, MMus (Music)
JPH Forrest, MFA (Art)
A-ML Link, PhD (Art)
LA Ries, DMus (Music)
K Sutley, MFA (Drama)

Humanities

Professor and Chair
KJ Mutfeld, PhD (German)

Professors
PM Harland, PhD (English)
JG Johansen, PhD (English)
PM Merklinger, PhD (Philosophy)
H-D Mundel, PhD (Religious Studies)
HVS Prest, PhD (English)
JO Spencer, PhD (French)

Associate Professors
R Harde, PhD (English)
RD Milbrandt, PhD (English)
IK Grbaj, PhD (Scandinavian Studies)
JL Wachenfeldt, PhD (Religious Studies)
JC Weselius, PhD (Philosophy)

Science

Professor and Chair
JJ Mohr, PhD (Computing Science and Music)

Professors
WW Hackborn, PhD (Mathematics and Computing Science)
GT Hvergaard, PhD (Geography)

Associate Professors
M Arefidi, MSc (Physical Education)
D Audet, PhD (Biology)
IR Biolkand, PhD (Physics and Mathematics)
NC Haave, PhD (Biology)
GA Hood, PhD (Environmental Science/Studies)
JK Kanuk, PhD (Chemistry)
GM Lotz, PhD (Physics and Mathematics)

Assistant Professors
SL Gares, PhD (Biology)
B Rempel, PhD (Chemistry)
J Sylvestre, PhD (Mathematics)
T Terzin, PhD (Biology)

Social Sciences

Professor and Chair
J Mount, PhD (History)

Professor and Associate Chair
TW Parker, PhD (Psychology)

Professors
A Berger, PhD (Anthropology)
PP Marentette, PhD (Psychology)

Associate Professors
YM Becker, PhD (Physical Education)
Y Fahmy, PhD (Economics)
WM Foster, PhD (Management)
LK Halstrom, PhD (Political Studies)
KC Hatt, PhD (Sociology)
R Johnson, PhD (Management)
SL Lorenz, PhD (Physical Education)

Assistant Professors
TH Milbrandt, PhD (Sociology)
R-V Palo, MSc (History)

52  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 §15.3 for Admission Requirements and see §53 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 §134.3.
52.1 Classification of Degree Programs

Academic disciplines at the Augustana Faculty are organized into four departments for administrative purposes: Fine Arts, Humanities, Science, and Social Sciences.

The following programs are available within these departments:

<table>
<thead>
<tr>
<th>Program Areas with Available Majors and Minors</th>
<th>BA Major</th>
<th>BSc Major</th>
<th>BMgt Major</th>
<th>BMus Major</th>
<th>BSc/BEd Major</th>
<th>BA Minor</th>
<th>BSc Minor</th>
<th>BMgt Minor</th>
<th>BMus Minor</th>
<th>BSc/BEd Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fine Arts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art History</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art Studio</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comprehensive Music</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drama</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liturgical Arts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music: Choral</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Musical Arts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Piano</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Art</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voice</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humanities</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Classical Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Language Arts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>French</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>German</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modern Languages</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Philosophy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Philosophy and Religion</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Philosophy and Religious Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Religion</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scandinavian Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Second Languages: French</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Second Languages: German</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Second Languages: Spanish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computing Science</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Science</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematical Sciences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mathematics and Physics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Sciences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Sciences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Economics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interdisciplinary Studies:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-Canadian Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-Crime and Community</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-Global and Development Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-Individualized</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-Women’s Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Political Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
52.2 General Program Information

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

1. **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).

2. **Junior-level Courses**: Courses numbered 100-199.

3. **Senior-level Courses**: Courses numbered 200-499.

4. **Terms**: The instructional periods are from September to December (Fall Term), January to April (Winter Term), May/June (Spring Term), and July/August (Summer Term).

5. **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.

6. **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.

7. **Year Status**: Each student who has been admitted to a degree program at Augustana is classified according to year status as follows:
   - a. **0-23 earned**: first-year standing. First-year students are normally not eligible to take courses numbered 200 or higher.
   - b. **24-53 earned**: second-year standing.
   - c. **54-83 earned**: third-year standing.
   - d. **84 or more earned**: fourth-year standing.

8. **Course load**
   - a. The normal full course load is 30 for the academic year;
   - b. Course overload: A student must receive special permission from his or her Academic Adviser to carry more than 17 in any one term.

9. **Minimum Passing Grade**: The minimum passing grade in University of Alberta undergraduate courses is a D. The minimum final grade for transfer credits counted towards these categories may not overlap with a student’s major:
   - a. A student may not repeat a course for which credit has been earned;
   - b. A student may not repeat a failed course more than once.

(18) **Music Courses/Options**: Courses offered by the Augustana Faculty which are classified as “AUMUS” courses (see §521) for which the student is eligible and which meet degree requirements.

(17) **Science Courses/Options**: Courses offered by the Augustana Faculty which are classified as “Science” courses (see §56.2) for which the student is eligible and which meet degree requirements.

(18) **Specialized Professional Courses**: Courses offered by the Augustana Faculty which are classified as neither “Arts” nor “Science” courses (see §56.2) for which the student is eligible and which meet degree requirements.

52.3 General Regulations Governing Course Selections

1. **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).

2. **All programs must include at least 72 at a senior level.**

3. **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.**

4. **The maximum number of specialized professional courses allowed in the BMgt program is 36.**

5. **A maximum of 12 of Physical Education Activity (AUPAC) is allowed.**

6. **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.”**

7. **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. A student may not repeat a course for which credit has been earned;
   - b. A student may not repeat a failed course more than once.

52.4 Bachelor of Arts (BA)

52.4.1 Overview

The Bachelor of Arts degree consists of 120 arts and science, including at least 55 arts (see §56.2 Classification of Courses). The 120 in the program are made up of common liberal arts and sciences requirements, a major subject, an optional minor, and options, as follows:

1. **Liberal arts and sciences common requirements**
   - The liberal arts and sciences common requirements consist of two areas: **21 in Breadth and 15 in the Augustana Core. The same credit may not be counted twice in courses that relate to more than one category within these areas; that is, a total of 36 different credits must be earned to fulfill these requirements.**
   - The 21 Breadth requirements consist of four different categories; 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 §56.2.

   - The Augustana Core 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 §52 – Augustana Chart 1.

   - **Music Courses/Options**: Courses offered by the Augustana Faculty which are classified as “AUMUS” courses (see §521) 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 §56.2) 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 §56.2) for which the student is eligible and which meet degree requirements.
Augustana Chart 1 Core Requirements

Select ★15 from three of the following five categories with no more than ★6 in any one category. Courses which satisfy these requirements may overlap with major:

<table>
<thead>
<tr>
<th>Creative and Imaginative Process (CIP)</th>
<th>Environmental Sustainability (ES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diversity and Global Studies (DG5) (See Note 1)</td>
<td>Experiential Learning (EL) (See Notes 1 and 2)</td>
</tr>
</tbody>
</table>

Notes

(1) The combination of AUCEO 361/AUHIS 327 and AUCEO 362/AUHIS 334 comprises ★3 in this category.
(2) Non-AUSCSL courses that include an approved CSL component qualify for inclusion in the EL category. These offerings may change annually, so contact an Academic Advisor for more information.

(2) 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.

(3) Optional minor: ★3-21 in one discipline or approved interdisciplinary area, including at least ★12 at the senior level.

(4) 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.

52.4.2 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 Programs, count toward the residence requirement.

52.5 Bachelor of Management in Business Economics (BMgt)

52.5.1 Overview

The four year Bachelor of Management in Business Economics consists of ★120 arts, science and professional (see §56.2 Classification of Courses) including ★66 in the Business Economics program and the credits required for the common liberal arts and sciences requirements. Because of the possibility of overlap between the credits required for a portion of the common liberal arts and sciences requirements and those required for the Business Economics program, a student may also include options or an optional minor as follows:

(1) Business Economics Program: ★15 in Business 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.

(2) Liberal arts and sciences common requirements

The liberal arts and sciences common requirements consist of two areas: ★21 in Breadth and ★15 in the Augustana Core. The same credit may not be counted twice in courses that relate to more than one category within these areas; that is, a total of 36 different credits must be earned to fulfill these requirements.

The ★21 Breadth requirements consist of four different categories; 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 §56.2.

The Augustana Core 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 §52 – Augustana Chart 1.

(3) Optional minor: ★3 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.

(4) 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.
52.5.2 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,

(1) Language or other study abroad may, with special permission of the Associate Dean, Academic Programs, count toward the residency requirement.

(2) 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.

52.5.3 Program Requirements

See §15.3 for Admission Requirements

(1) ★15 in Economics Foundation
   a. AUeco 101 and 102.
   b. AUeco 203 and 204.
   c. AUeco 480.

(2) ★27 in Management Foundation
   a. AUACC 311 and 322.
   b. Introduction to Business: AUmg 100.
   c. Introduction to Management: AUmg 200.
   d. Corporate finance: AUmg 310.
   e. Business law: AUmg 320.
   g. Organizational behavior: AUmg 340.
   h. Business policy and strategy: AUmg 490.

(3) ★18 in Elective courses
   a. 9 additional senior credits in Economics, of which ★3 may be at the 200-level.
   b. 9 additional senior credits in Economics or Management at the 300- or 400-level.

(4) ★6 in Supporting Courses
   a. AUmat 110 or 111.
   b. AUsta 153.

52.5.4 First-Year Program Recommendations

(1) AUeco 101 and 102.

(2) AUmg 100.

(3) AUsta 110 or 111.

(4) AUsta 153.

(5) AUeng 103.

(6) 12 additional credits toward the liberal arts and sciences common requirements.

52.6 Bachelor of Music (BMus)

52.6.1 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.

52.6.2 Residence Requirement

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

(1) Language or other study abroad may, with special permission of the Associate Dean, Academic Programs, count toward the residence requirement.

(2) 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.

52.6.3 General Information

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

(1) Piano

(2) 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.

(3) 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 himself or herself for a career as, for example, a professional wind, brass, or string player, a choral or instrumental conductor, an arts administrator, 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.

(4) 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.

(5) 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.

52.6.4 Admission Requirements

See §15.3. 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, Augustana Faculty.

52.6.5 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.

(1) Core Music Requirements ★65:

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

a. Music Performance ★24
   i. Applied Music, solo instruments and/or voice ★18; at least ★16 and fourth-year status in one instrument or voice. Note: Consult Department of Fine Arts for details.
   ii. 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.
b. Music History and Literature, Music in Society (Œ16): AUMUS 170, 224, 225, 226, and six additional credits of Music courses in this category at the 300 or 400-level as approved by the Department of Fine Arts.

c. Theoretical and Analytical Studies, Musicianship Skills (Œ21.5) credits: AUMUS 199 (or 299), 160, 162, 260, 261, 262, 263, 361, 369/469.

d. Music Studies and Information Literacy (Œ1.5): AUMUS 228.

e. Passing grade in the Keyboard Skills Proficiency Examination (KSPE).

f. 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.

g. 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.

h. 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.

(2) Additional Music Requirements According to Major (Œ24):

In addition to the Core Music Requirements (Œ185) listed above, additional courses are required in each major:

a. Piano:

i. Œ6: Additional applied credits in Piano. Note: Consult Department of Fine Arts for details.


iii. Œ1-3: Music options. For a student taking AUMUS 196 and 197 instead of AUMUS 195, only Œ1 Music option is available.

d. Voice:

i. Œ6: Additional applied music credits in voice, taken from AUMUS 397 and 497. Note: Consult Department of Fine Arts for details.


iii. Œ1-3: Music options. For a student taking AUMUS 196 and 197 instead of AUMUS 195, only Œ1 Music option is available.

c. Comprehensive:

i. Œ3: AUMUS 235.

ii. Œ21: Music options. Of these Œ21, no more than Œ6 from applied music and Œ6 from ensemble courses. Note: A student interested in pursuing graduate studies in choral conducting is advised to register in AUMUS 236, 239/339 and 336.

b. Liturgical Arts:

i. Œ6: AUMUS 270, 271 (Liturgical Arts I and II).


iii. Œ3: AUMUS 375, 475 (Co-op Education Studies I and II).

iv. Œ2: AUMUS 269 (Service Playing).

v. Œ6: Music options.

Notes: A student must complete a minimum of Œ16 and achieve fourth-year status in organ, piano, or voice. A student may apply for consideration for Liturgical Arts major status at the end of two-year's full-time study or equivalent, and will be accepted only with the permission of an adviser (a continuing-stream music faculty member) and the Chair of the Department of Fine Arts; Œ3 from AUREL 100, 207, and 208 must be completed or enrolled in at time of application.

e. Musical Arts:

i. Œ6: Additional applied music credits in the designated primary instrument or voice. Note: Consult Department of Fine Arts for details.

ii. Œ13-15: Music options. For a student taking AUMUS 196 and 197 instead of AUMUS 195, only Œ13 of Music options are available.

iii. Œ3: AUMUS 476, an interdisciplinary research project involving music and another discipline.

Note: A student may apply for consideration for Musical Arts major status at the end of two-years full-time studies or equivalent and will be accepted only with the permission of an adviser (a continuing-stream music faculty member) and the Chair of the Department of Fine Arts. The student must have completed the prerequisite junior-level courses in the second discipline (minor) by the end of the second year.

e. Musical Arts:

i. Œ6: Additional applied music credits in the designated primary instrument or voice. Note: Consult Department of Fine Arts for details.

ii. Œ13-15: Music options. For a student taking AUMUS 196 and 197 instead of AUMUS 195, only Œ13 of Music options are available.

iii. Œ3: AUMUS 476, an interdisciplinary research project involving music and another discipline.

Note: A student may apply for consideration for Musical Arts major status at the end of two-years full-time studies or equivalent and will be accepted only with the permission of an adviser (a continuing-stream music faculty member) and the Chair of the Department of Fine Arts. The student must have completed the prerequisite junior-level courses in the second discipline (minor) by the end of the second year.

(3) Non-Music Requirements (Œ33 minimum):

a. Non-Music Required Courses: Œ12

i. Œ6: AUENG 103, 104.

ii. Œ6: second language, with all credits from one language. Note: A Voice major student must include Œ6 from AUGER 101, 102, 200, 201, 202.

b. Non-Music Option Courses: Œ21-24

i. All majors require a minimum of Œ21 of non-Music options, except for the Musical Arts major which requires Œ24.

ii. 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.

iii. A maximum of Œ12 in specialized professional courses is allowed in terms of non-Music options.

A Voice major student must include AUDRA 141.

A Liturgical Arts major student must complete a minor in Religion (Œ18). 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 231/331, 239/339, 301, AUIDS 250, AUPHI 357, 358, AUSOC 103, 283).

A Musical Arts major student must complete a minor in another discipline (Œ18). For available minors see §53.

52.6.6 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.

52.6.7 Program Recommendations

(1) Recommended first-year program:

a. Œ6-6: applied music.

b. Œ3: ensembles.

c. Œ7.5: AUMUS 160, 162, 170.

d. Œ15-17: AUENG 103, 104, and/or second language, and/or non-Music options.

(2) Recommended second-year program includes:

a. Œ6-6: applied music.

b. Œ3: ensembles.

c. Œ16.5: AUMUS 228, 260, 261, 262, 263; and Œ6 from 224, 225, 226.

d. Œ3-6: non-Music option(s) or remaining credits from AUENG 103, 104, or second language.

(3) Recommended third- and fourth-year programs include:

a. Œ6: AUMUS 361 and 369/469.

b. Œ6 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.

c. All additional credits as specified under the Bachelor of Music requirements listed above.

52.7 Bachelor of Science (BSc)

52.7.1 Overview

The Bachelor of Science degree consists of Œ120 arts and science, including at least Œ66 science (see §56.2 Classification of Courses). The Œ120 in the program are made up of common liberal arts and sciences requirements, a major subject, an optional minor, and options, as follows:

(1) Liberal arts and sciences common requirements

The liberal arts and sciences common requirements consist of two areas:

Œ21 in Breadth and Œ15 in the Augustana Core. The same credit may not be counted twice in courses that relate to more than one category within these areas; that is, a total of 36 different credits must be earned to fulfill these requirements.

The Œ21 Breadth requirements consist of four different categories; credits counted towards these categories may not overlap with a student’s first major:

Œ3 Fine Arts

Œ6 Humanities

Œ6 Science

Œ6 Social Sciences
The Augustana Core 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 §52 – Augustana Chart 1.

(2) 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.

(3) Optional minor: A minimum of 18 in one discipline or approved interdisciplinary area, including at least 12 at the senior level.

(4) 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 §52.3). 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.

52.7.2 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 Programs, count toward the residency requirement.

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

52.8.1 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.

52.8.2 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.

52.8.3 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:

(1) Core Requirements (36)

Part A. The Augustana Core (15)

- 15 from at least three of the following five categories with no more than 6 in any one category:
  - Integrating knowledge
  - Global studies
  - Environmental sustainability
  - Experiential learning
  - Creative and imaginative process

See §52 Augustana Chart 1 for lists of courses that satisfy these requirements.

Courses that satisfy these requirements may overlap with the student’s major and minor and with prerequisites and supporting courses, but not with the breadth requirements in Part B.

Part B. The Breadth Requirements (21)

- 3 fine arts: any AUART except 226; any AUDRA except 228, 301; any AUMUS except 228, 375, 475.
- 6 humanities.
- 6 science.
- 6 social Sciences.

See §52.2 Classification of Courses for the definition of humanities, science and social sciences courses.

Courses that satisfy these requirements may overlap with the general requirements, the student’s minor, prerequisites and supporting courses, but not with the student’s major or with the Augustana Core in Part A.

Notes

(1) Students will satisfy the humanities requirement by satisfying the language and literature requirement under (2) General Requirements, below.

(2) It is recommended that AUPSY 102 be taken toward the social sciences requirement, since it is a prerequisite for AUEPS 258.

(3) General Requirements (12)

- 6 language or literature from AUCLA 102, 242, 243, 244; AUJENG 103, 104; AUJER 291, 292, 293; AUJIT 201, 202; AUJSCA 141, 151, 152, 161, 241, 251, 252, 261; AUSPA 230, 231.
- 3 computing science or educational computing: one of AUCCS 110, 120 or AUEDC 202.
- 3 history, philosophy, and theory of science: one of AUHIS 411; AUENG 421; AUJEO 421; AUISDS 380, 381, 382, 383, 384, or 385; AUMAT 480; AUPER 350, 355; and AUPHY 480.

Courses that satisfy these requirements may overlap with the core requirements, the Education requirements, and/or with the student’s major.

(3) Education Requirements (48)

- 3 AUEPS 258.
- 6 EDPY 301 and 303.
- 12 EDFX 350 and 450.
- 6 EDPS 310 and 410.
- 3 EDSE 307.
- 3 EDSE 451.
- 6 EDSE (Major): See the notes under each major, below, for the EDSE courses to be taken during the Introductory Professional Term (IPT) and Advanced Professional Term (APT).
- 3 EDSE (Minor): See the notes under each minor, below, for the EDSE course to be taken during the term that falls between the IPT and APT.
- 6 Education options.

Notes

(1) The field experience component of the Education requirements will be fulfilled in a rural or small-city school placement.

(2) Students should be aware that under the Protection for Persons in Care Act, they may be required to satisfy a criminal record check before being allowed to serve a period of internship/practicum placement/field experience placement. Refer to 523.8.3 for more information.

(3) AUEFX 200 is recommended as an Education option. AUEDC 202 is recommended as an Education option except for students with a major in Mathematical Sciences.
(a) **Major Subject (42 plus supporting or prerequisite courses)**

a. **Biology**
   - 6 evolution and cell biology: AUBIO 110 and 130.
   - 9 cell biology, ecology, and genetics: AUBIO 230, 253, 260.
   - 3 botany: AUBIO 222.
   - 3 biodiversity: one of AUBIO 274, 294, 295.
   - 3 developmental biology: AUBIO 338.
   - 3 history and theory of biology: AUBIO 411
   - 3 additional Biology at the 400-level.
   - 12 senior Biology, at least 6 of which must be at the 300- or 400-level.

Prerequisite courses: 6 chemistry: AUCHE 110 and 250.


**Note:** Students must take EDSE 352 during the IPT, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 451 and 452 during the APT, which are normally offered in both the Fall and Winter Terms.

b. **Chemistry**
   - 6 general chemistry: AUCHE 110 and 112.
   - 6 analytical chemistry: AUCHE 220 and 222.
   - 6 inorganic chemistry: AUCHE 230 and 232.
   - 6 organic chemistry: AUCHE 250 and 252.
   - 3 physical chemistry: AUCHE 270.
   - 3 Selected Topics in Chemistry: one of AUCHE 405, 415, 425, 435, 455, 475, 485.
   - 12 additional senior Chemistry, at least 6 of which must be at the 300 or 400-level.

Prerequisite courses: 3 elementary calculus: AUMAT 110 or 111.

**Note:** Students must take EDSE 364 during the IPT, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 451 and 460 during the APT, which are normally offered in both the Fall and Winter Terms.

c. **General Sciences**
   - 9 biology: AUBIO 110, 130, and 3 Biology at the 200-level.
   - 1 chemistry: AUCHE 110, 112, and 250.
   - 6 elementary calculus: AUMAT 110 or 111, and 112.
   - 3 Physics, including at least 3 at the 200-level.
   - 6 Biology, Chemistry, Mathematics, or Physics at the 300- or 400-level
   - 3 senior Biology, Chemistry, Mathematics, Physics, senior science courses in Environmental Studies or Geography (see §56.2(1) Classification of Courses, or AUGSTA 215.

**Note:** Students must take EDSE 360 during the IPT, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 451 and 456 during the APT, which are normally offered in both the Fall and Winter Terms.

d. **Mathematical Sciences**
   - 6 elementary calculus: AUMAT 110 or 111, and 112.
   - 3 linear algebra: AUMAT 120 and 220.
   - 3 intermediate calculus: AUMAT 211 and 212.
   - 3 group theory: AUMAT 229.
   - 3 discrete mathematics: AUMAT 250.
   - 3 geometry: AUMAT 260.
   - 3 history and theory of mathematics: AUMAT 480.
   - 3 additional senior Computing Science or Mathematics.
   - 3 additional Mathematics at the 300- or 400-level.
   - 3 statistics: AUGSTA 215.

**Notes**

(1) Because AUCSC 120 is a prerequisite for AUCSC 210, Mathematical Sciences majors should select AUCSC 120 to satisfy the general requirement in computing.

(2) Students must take EDSE 337 during the term that falls between the IPT and APT. It is normally offered in the Fall Term only.

e. **Mathematics and Physics**
   - 6 elementary calculus: AUMAT 110 or 111, and 112.
   - 3 intermediate calculus: AUMAT 211 and 212.
   - 3 applied mathematics: AUMAT 315, 330 or 340, or AUPHY 340.
   - 5 introductory physics: AUPHY 110, 120, and 250.
   - 3 relativity and quantum mechanics: AUPHY 260.
   - 3 advanced physics laboratory: AUPHY 291.
   - 6 additional Physics at the 300- or 400-level.

   - 3 history of mathematics and physics: AUMAT 480 or AUPHY 480.
   - 3 additional senior Mathematics or Physics, selected such that the major includes at least 2 Physics.

**Note:** Students must take EDSE 364 during the IPT, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 451 and 460 during the APT, which are normally offered in both the Fall and Winter Terms.

f. **Physical Sciences**
   - 6 general chemistry: AUCHE 110 and 112.
   - 3 organic chemistry: AUCHE 250.
   - 3 senior chemistry from AUCHE 220, 230, and 279.
   - 9 introductory physics: AUPHY 110, 120, and 250.
   - 3 relativity and quantum mechanics: AUPHY 260.
   - 3 advanced physics laboratory: AUPHY 291.
   - 3 history of physics: AUPHY 480.
   - 6 additional Biology, Chemistry, Mathematics, or Physics at the 300- or 400-level.

**Note**

(1) An additional 6 in studio courses is recommended.

(2) Students must take EDSE 364 during the IPT, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 451 and 460 during the APT, which are normally offered in both the Fall and Winter Terms.

(5) **Minor Subject (18 plus prerequisite courses)**

a. **Art**
   - 3 AUART 101 or 102.
   - 3 AUART 111.
   - 3 AUART 112 or 113.
   - 3 AUART 231.
   - 6 additional senior AUART, at least 3 of which must be in a studio course.

**Notes**

(1) An additional 6 in studio courses is recommended.

(2) Students must take EDSE 313 during the term that falls between the IPT and APT. It is normally offered in the Fall Term only.

b. **Biology**
   - 6 evolution and cell biology: AUBIO 110 and 130.
   - 6 ecology and genetics: AUBIO 253 and 260.
   - 6 additional senior Biology, at least 3 of which must be at the 300- or 400-level.

**Note:** Students must take EDSE 353 during the term that falls between the IPT and APT. It is normally offered in both the Fall and Winter Terms. EDSE 353 is not open to students whose major is Chemistry, General Sciences, Mathematics and Physics, or Physical Sciences; these students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

c. **Chemistry**
   - 6 general chemistry: AUCHE 110 and 112.
   - 3 organic chemistry: AUCHE 250.
   - 3 senior chemistry: one of AUCHE 220, 230, and 279.
   - 6 additional senior Chemistry, at least 3 of which must be at the 300- or 400-level.

**Note:** Students must take EDSE 366 during the term that falls between the IPT and APT. It is normally offered in both the Fall and Winter Terms. EDSE 366 is not open to students whose major is Biology, General Sciences, Mathematics and Physics, or Physical Sciences; these students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

d. **Drama**
   - 3 AUDRA 101.
   - 3 AUDRA 141.
   - 3 AUDRA 230.
   - 3 AUDRA 340.
   - 3 AUDRA 350.
   - 3 in a senior ensemble production course: AUDRA 238 or 239.

**Notes**

(1) An additional 6 in AUDRA is recommended.
(2) Students must take EDSE 333 during the term that falls between the IPT and APT. It is normally offered in the Fall Term only.

(3) EDSE 424 is recommended as an Education option.

e. **English Language Arts**
   - 6 English literature: AUENG 103 and 104.
   - 3 language studies: one of AUENG 211, 212, 213; AUDIS 279, 379; AULAN 200.
   - 3 aboriginal/indigenous or Canadian literature: one of AUENG 207, 280, 281, 307, 380, 381.
   - 3 additional senior AUENG or senior literature course taught in translation: one of AUGEN 242, 243, 244; AUGER 291, 292, 293; AUSCA 221, 241, 251, 252, 261, 271; AUSPA 230, 231.
   - **Note:** Students must take EDSE 328 during the term that falls between the IPT and APT. It is normally offered in the Fall Term only.

f. **General Sciences**
   - 6 Biology.
   - 6 Chemistry.
   - 6 Physics.
   - **Prerequisite courses:** 3 calculus: AUMAT 110 or AUMAT 111.
   - **Note:** Students must take EDSE 361 during the term that falls between the IPT and APT. It is normally offered in both the Fall and Winter Terms. EDSE 361 is not open to students whose major is Biology, Chemistry, Mathematics and Physics, or Physical Sciences; these students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

h. **Mathematical Sciences**
   - 6 elementary calculus: AUMAT 110 or 111, and 112.
   - 3 linear algebra: AUMAT 120.
   - 3 discrete mathematics: AUMAT 250.
   - 3 geometry: AUMAT 260.
   - 3 additional senior Mathematics or Statistics (AUSTA 215 recommended).
   - **Note:** Students must take EDSE 338 during the term that falls between the IPT and APT. It is normally offered in both the Fall and Winter Terms.

i. **Music: Choral**
   - 6 theoretical and analytical studies: AUMUS 160 and 260.
   - 3 aural and sight-singing skills: AUMUS 162 and 262.
   - 6 conducting: AUMUS 235 and 336.
   - 3 choral techniques, literature, and interpretation: AUMUS 236.
   - **Notes**
     1. 4–6 in a choral ensemble (the Augustana Choir, Sangkor, or the Augustana Men’s Choir) and up to 2 in applied music (vocal or keyboard) are strongly recommended.
     2. Students must take EDSE 344 during the term that falls between the IPT and APT. It is normally offered in the Fall Term only.

j. **Philosophy and Religious Studies**
   - 3 AUREL 100.
   - 3 AUREL 252 or 352.
   - 3 AUREL 257.
   - 6 AUHPI 250 and 260.
   - 3 AUHPI 357 or 358.
   - **Notes**
     1. EDPS 456 is recommended as an Education option.
     2. Students must take EDSE 378 during the term that falls between the IPT and APT. It is normally offered in the Fall Term only.

k. **Physical Sciences**
   - 6 general chemistry: AUCHE 110 and 112.
   - 6 introductory physics: AUPHY 110 and 120.
   - 6 senior Chemistry, Physics, or senior science courses in Environmental Studies or Geography (see 956.2(1) Classification of Courses).
   - **Prerequisite courses:** 3 calculus: AUMAT 110 or 111.
   - **Note:** Students must take EDSE 366 during the term that falls between the IPT and APT. It is normally offered in both the Fall and Winter Terms. EDSE 366 is not open to students whose major is Biology, General Sciences, Mathematics and Physics, or Physical Sciences; these students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

l. **Physics**
   - 9 introductory physics: AUPHY 110, 120, and 250.
   - 9 additional senior AUPHY.
   - **Prerequisite courses:** 6 calculus: AUMAT 110 or 111, and 112.
   - **Note:** Students must take EDSE 366 during the term that falls between the IPT and APT. It is normally offered in both the Fall and Winter Terms. EDSE 370 is not open to students whose major is also a Second Language; these students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

m. **Second Languages: French**
   - 12–15 in Language courses, chosen from AUFORE 101, 102, 201, 202, 222, 301, 310, 311, 317, 402.
   - **Notes**
     1. Students must take EDSE 370 during the term that falls between the IPT and APT. It is normally offered in both the Fall Term only. EDSE 370 is not open to students whose major is also a Second Language; these students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

n. **Second Languages: German**
   - 12–15 in Language courses, chosen from AUGER 101, 102, 200, 201, 202, 214, 300, 301, 302, 314, 317, 400, 402.
   - **Notes**
     1. Students must take EDSE 370 during the term that falls between the IPT and APT. It is normally offered in both the Fall Term only. EDSE 370 is not open to students whose major is also a Second Language; these students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

o. **Second Languages: Spanish**
   - 12–15 in Language courses, chosen from AUSPA 100, 101, 102, 200, 201, 202, 301, 302, 304, 402.
   - **Notes**
     1. Students must take EDSE 370 during the term that falls between the IPT and APT. It is normally offered in both the Fall Term only. EDSE 370 is not open to students whose major is also a Second Language; these students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

p. **Social Studies**
   - 6 Canadian Studies: AUHIS 261; AUHIS 211.
   - 6 World Studies chosen from AUHIS 104, 105, 201, 202, 250, 251, 260, 322, 323, 325, 337, 338; AUPOL 240, 241, 248, 234, 327, 341, 345, 348, 424, 426; AUCRI 218, 301; AUCRI 422.
   - 6 Cultural Studies chosen from AUSOC 101, 103, 105, 222, 225, 275, 358, 377; AUWIS 160, 230; AUCRI 160, 222, 225; AUPOL 325; AUREL 282, 283.
   - **Note:** Students must take EDSE 374 during the term that falls between the IPT and APT. It is normally offered in both the Fall and Winter Terms.

(6) Options</br>**0–18** non-education options, depending on the number of prerequisites and supporting courses required on the selected major and minor and on the degree of overlap between the core, general, major and minor requirements
52.8.4 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 §56.2 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.

52.8.5 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.

52.8.6 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 §23.4(7) 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 §55.6 for academic standing regulations pertaining to the Augustana Faculty BEd programs and §73.4 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 §73.7.8.

52.8.7 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 §56.2 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.

52.9 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 ($22.3.3) to offset the additional costs of their program. Students who participate in Augustana Faculty International offerings are subject to Code of Student Behaviour ($25), 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/international.

53 Degree Major/Minor Requirements

53.1 Art

53.1.1 Major in Visual Art

I. Requirements

1. AUART 101 and 102.

2. AUART 111, and 112 or 113.

3. Senior credits as follows:
   a. 6 additional senior art history credits
   b. AUART 231, 232, 271, 272, 331, 411.

4. Any AUART course to be used as a prerequisite for subsequent AUART courses must be passed with a minimum of C- (or equivalent).

5. 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.

II. 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.

III. Recommended first-year program

1. Required courses: ★12 AUART 101, 102, 111, and 112 or 113.

53.1.2 Minor in Art History

I. Requirements

1. ★6 AUART 101, 102 or 111.

2. ★12 senior Art courses of which at least ★9 must be Art History.

53.1.3 Minor in Art Studio

I. Requirements

1. ★6 AUART 111, and one of 112 or 113.

2. ★12 senior Art courses at least ★3 of which must be in one of AUART 331, 371, or 215.

53.2 Biology

53.2.1 Major in Biology

A student may choose a BA or BSc in Biology. See §15.3 for Admission Requirements.

I. Requirements

1. ★6 in evolution and cell biology: AUBIO 110 and 130.

2. ★9 in cell biology, ecology, and genetics: AUBIO 230, 253, 260.

3. ★3 in developmental biology: AUBIO 338.

4. ★3 in biological history and theory: AUBIO 411.

5. ★21-27 in biology from one of the following three streams:
I. Requirements

53.3 Chemistry

53.3.1 Major in Chemistry

A student may choose a BA or BSc in Chemistry. See §15.3 for Admission Requirements.

I. Requirements

(1) ★6 general chemistry: AUCHE 110 and 112.
(2) ★3 analytical chemistry: AUCHE 220.
(3) ★3 inorganic chemistry: AUCHE 230.
(4) ★3 organic chemistry: AUCHE 250.
(5) ★3 physical chemistry: AUCHE 279.
(6) ★3 Selected Topics in Chemistry: AUCHE 405 or 485.
(7) An additional 21 senior credits in AUCHE, at least ★6 of which must be at the 300- or 400-level.
(8) Supporting courses: AUMAT 110 or 111 or 116.

II. Additional information for students

(1) Students interested in a graduate degree in Chemistry (i.e., MSc and/or PhD) should enrol in the BSc in Cell and Molecular Biology or Cell and Molecular Biology.
(2) Students considering a professional career in chemistry upon completion of the degree are advised that the Alberta Society of Professional Chemists requires the following courses, in addition to the degree requirements listed above, for membership:
   a. ★3 inorganic chemistry: AUCHE 230.
   b. ★3 organic chemistry: AUCHE 250.
   c. ★3 physical chemistry: AUCHE 279.
   (6) ★3 Selected Topics in Chemistry: AUCHE 405 or 485.

III. Recommended first-year program

(1) Required courses: ★6 AUCHE 110 and 112.
(2) Recommended courses:
   a. ★6 AUMAT 110 or 111 or 116 and 112.
   b. ★6 AUPHY.
53.3.2 Minor in Chemistry
I. Requirements
(1) AUCHE 110 and 112.
(2) ★9 in senior level AUCHE.
(3) 3 additional credits in AUCHE at the 300 or 400-level.

53.4 Classical Studies
53.4.1 Minor in Classical Studies
I. Requirements
(1) 6 junior credits in AUCLA, AUGRE, and/or AULAT.
(2) 12 senior credits in AUCLA, AUGRE, and/or AULAT.

53.5 Computing Science
53.5.1 Major in Computing Science
A student may choose a BA or BSc in Computing Science. See §15.3 for Admission Requirements.
I. Requirements
(1) General Stream
a. AUCSC 110 and 120.
b. AUCSC 210, 220, 250, 370.
c. ★6 from AUCSC 320, 330, 350, 380.
d. ★3 from AUCSC 310, 315.
e. ★3 from AUCSC 480, 490, 495.
f. ★12 additional senior credits in Computing Science, excluding AUCSC 401 and 402.
g. Supporting courses: AUMAT 110 or 111 or 116, AUMAT 120, 250, and AUSTA 153, 213, or 215.
(2) Practicum Stream: AUCSC 401 and 402, plus all the requirements of the General Stream as listed above.

II. Additional information for students
(1) AUCSC 120 requires AUMAT 110 or 111, or 116 and 120 as corequisites.
(2) AUCSC 210 requires AUMAT 250 as a corequisite.
(3) AUCSC 340 requires AUMAT 211 as a prerequisite, which in turn requires AUMAT 112 as a prerequisite.
(4) At least ★3 in Physics is recommended.
(5) 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.
(6) AUCSC 401 and 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).

III. Recommended first-year program
(1) Required courses
   a. ★6 AUCSC 110 and 120.
   b. ★6 AUMAT 110 or 111, or 116, and 120.

53.5.2 Minor in Computing Science
I. Requirements
(1) AUCSC 110 and 120.
(2) AUCSC 210.
(3) 9 additional senior credits in Computing Science.

53.6 Drama
53.6.1 Major in Drama
I. Requirements
(1) AUDRA 101 and 141.
(2) AUDRA 201, 230, 244.
(3) AUDRA 340, 350.
(4) AUDRA 437 or 444.
(5) 3 additional credits in Drama at the 400-level.
(6) 15 additional senior credits in Drama.

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

III. Recommended first-year program
(1) Required courses: ★6 AUDRA 101 and 141.

53.6.2 Minor in Drama
I. Requirements
(1) AUDRA 101 and 141.
(2) ★12 in senior level Drama.

53.7 Economics
53.7.1 Major in Economics
See §15.3 for Admission Requirements.
I. Requirements
(1) AUECO 101 and 102.
(2) AUECO 203, 204, 384 and 385.
(3) AUECO 206 and 311.
(4) AUECO 480.
(5) ★3 in applied microeconomics courses: AUECO 323, 325, 328, 341, 346, 393.
(6) ★3 in financial or international economics courses: AUECO 258, 333, 336, 360, 363, 364.
(7) 9 additional senior credits in Economics, of which at least ★3 must be at the 400-level.
(8) Supporting courses: AUMAT 110 or 111 and AUSTA 153.

II. Additional information for students
(1) AUECO 101 and 102 should be taken in the first year.
(2) AUMAT 110 or 111 should be taken in the first year.
(3) A student considering graduate work in Economics is advised to take AUMAT 110 or 111, 112, and AUECO 206/306, and to arrange a directed reading course in the fourth year in some aspect of economic theory.
(4) Many senior Economics courses are offered in alternate years only.

III. Recommended first-year program
(1) Required courses
   a. ★6 AUECO 101, 102.
   b. ★3 AUMAT 110, 111.
   c. ★3 AUSTA 153.

53.7.2 Minor in Economics
I. Requirements
(1) AUECO 101 and 102.
(2) ★3 from economic history or history of economic thought courses: AUECO 215, 251, 257, 258.
(3) ★9 additional senior credits in Economics.
53.8 English

53.8.1 Major in English

I. Requirements

(1) ★6 AUENG 103 and 104.

(2) ★6 Medieval and Renaissance Literature and English Language (AUENG 211, 212, 221, 225, 230, 231, 233, 239, 311, 312, 321, 325, 330, 331, 333, 339, 410).


(5) ★3 Twentieth and Twenty-first Century Literature (AUENG 261, 265, 267, 268, 269, 361, 365, 367, 368, 369).

(6) ★3 Criticism or Theory (AUENG 290, 291, 292, 390, 392).

(7) ★15 additional senior credits in English.

(8) ★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.

II. 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.

III. Recommended first-year program

(1) Required courses: ★6 AUENG 103 and 104.

53.8.2 Minor in English

I. Requirements

(1) AUENG 103 and 104.

(2) 12 senior credits in English, no more than 9 of which can be writing courses (i.e., AUENG 215, 314, 316, 317, 318, 319).

53.9 Environmental Science (BSc)/Environmental Studies (BA)

53.9.1 Major in Environmental Science/Studies

A student may choose a BSc in Environmental Science or a BA in Environmental Studies. See §15.3 for Admission Requirements.

I. Requirements

(1) ★9 in science (AUBIO 110 and 253).

(2) ★3 in Economics (AUECO 101).

(3) ★12 in Environmental Studies (AUECO 341, AUENV 120, 324, 341, 421, AUGEO 120, 324, 421).

(4) ★3 in earth science (AUCHE 220).


(7) ★3 in Statistics (AUSTA 215).

(8) 6 overlapping credits at the 400-level from the courses listed in requirements (3)-(7) and (9).

(9) Additional non-overlapping credits:

For the BSc in Environmental Science:

a. ★9 in Chemistry (AUCHE 110, 112, and any 200-level AUCHE except AUCHE 210 and 280).

b. ★6 in Physics.

c. ★3 in Mathematics (excluding AUMAT 107).


e. ★6 from the following:

AUBIO 222, 320, 321, 423 (plants and ecology);

AUBIO 274 (microbiology);

AUBIO 294, 341, 434, 448 (insects and ecology);

AUBIO 295, 390, 393, 493 (vertebrates and behaviour);

AUENV 322, AUENV 322 (economic botany);

AUENV 350, 359, 450, 459, AUENV 350, 359, 450, 459 (tropical ecology and conservation);

AUENV 351, AUGEO 351 (biogeography);

AUENV 354, AUENV 354, AUGE 354 (freshwater ecology and management);

AUENV 413 (evolutionary ecology);

AUECO 448 (project evaluation);

AUENV 201, 301, 401, (environmental science reading and project);

AUENV 320, 420, AUGEO 320, 420 (parks and wilderness);

AUENV 425, AUGE 425 (environmental impact assessment);

AUGE 218 (geographic information systems);

AUGE 230, 231 (earth science);

AUMAT 332 (mathematical ecology).

For the BA in Environmental Studies (General stream):

a. ★15 from the following:

AUBIO 268, 269, 368, 389, AUENV 268, 269, 368, 389 (environmental literature);

AUENV 202, 302, 402 (environmental studies reading and project course);

AUENV 320, 420, AUENV 320, 420 (parks and wilderness);

AUENV 328, AUPOL 328 (environmental politics);

AUENV 344, AUPSY 344 (environmental psychology);

AUENV 345, AUREL 345 (religion and ecology);

AUENV 355, AUPHI 355 (philosophy, technology, and environment);

AUENV 358, 458, AUSOC 358, 458 (environmental sociology);

AUENV 375, 475, AUPOL 328 (environmental politics);

AUENV 320, 420, AUGEO 320, 420 (parks and wilderness);

AUENV 425, AUGE 425 (environmental impact assessment);

AUGE 218 (geographic information systems);

AUGE 230, 231 (earth science);

AUMAT 332 (mathematical ecology).


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

a. ★3 of AUGEO 184 or 285.

b. ★3 of AUGEO 343, AUGEO 286, 388.

c. ★6 of AUPED 383 and 389.

d. 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).

e. ★3 from AUPAC 190, 125, 134, 209, 225, 270, and 326.


II. 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 295 and 397; or AUGEO 320, 321, 343 and 344. A student interested in air quality should also take AUGEO 231. A student interested in land management should also take AUGEO 230.

(3) A student interested in a career in vertebrate ecology is encouraged to take additional credits from AUGEO 230, 231, 250, 350, 359, 450, 459.

(4) A student interested in a career in plant ecology is encouraged to take additional credits from AUGEO 222, 320, 321, 322, 423, AUENV 322.

(5) A student interested in a career in vertebrate ecology is encouraged to take additional credits from AUGEO 230, 231, 250, 350, 359, 450, 459, AUIDS 260, AUGEO 184, 285, 286, 388).
I. Requirements

53.10.1 Minor in Geography

I. Requirements

(1) AUGE 120.

(2) 15 additional credits in Geography, 12 of which must be senior credits.

53.11 History

53.11.1 Major in History

I. Requirements

(1) AUHIS 104, 105, 190.

(2) AUHIS 260 and 261.

(3) AUHIS 480.

(4) 21 additional senior credits in History, including at least 9 at the 300-level or above.

(5) Within the (4) - (5) course selection, a minimum of 3 from each of the following fields: History: Ancient, Canadian, European, Latin American, Sport, United States, Women's.

II. Additional information for students

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

III. Recommended first-year program

(1) Required courses for all streams

   a. ★6 AUBIO 110.
   b. ★3 AUECO 101.
   c. ★3 AUHIS 104, 105 and 190.

(2) For the BSc stream, additional required courses:

   a. ★6 AUHIS 260 or AUGEO 120.
   b. ★3 Mathematics.
   c. ★6 Physics.

(3) For the BA general stream, additional recommended courses:

   a. ★3 AUGE 110, 112.
   b. ★3 AUPOL 104, 105, 190.

(4) For the BA outdoor education stream, additional required courses:

   a. ★3 AUGEO 120.
   b. ★3 AUGE 132, 232, 343.

53.9.2 Minor in Environmental Studies

I. Requirements

(1) ★6 of AUBIO 110, AUGE 120, AUHIS 104, 105, 190.

(2) ★3 of AUGH 253.

(3) ★3 in environmental analysis (AUECO 341, AUGE 324, 341, 421, AUGEO 324, 421) or earth science (AUGE 420 or 231).


(5) ★3 in environmental perspectives (AUGE 268, 269, 268, 368, 369, AUGE 268, 269, 328, 344, 345, 355, 368, 369, 375, 458, 475, AUHIS 375, 475, AUPOL 328, AUPSY 344, AUREL 345, AUGEO 359).

53.10 Geography

53.10.1 Minor in Geography

I. Requirements

(1) AUGE 120.

(2) 15 additional credits in Geography, 12 of which must be senior credits.

53.11 History

53.11.1 Major in History

I. Requirements

(1) AUHIS 104, 105, 190.

(2) AUHIS 260 and 261.

(3) AUHIS 480.

(4) 21 additional senior credits in History, including at least 9 at the 300-level or above.

(5) Within the (4) - (5) course selection, a minimum of 3 from each of the following fields of History: Ancient, Canadian, European, Latin American, Sport, United States, Women’s.

II. Additional information for students

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

III. Recommended first-year program

(1) Required courses: ★9 AUHIS 104, 105 and 190.

53.11.2 Minor in History

I. 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.

53.12 Interdisciplinary Studies

53.12.1 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 Academic Adviser for assistance in planning a Canadian Studies program. Further details about individual courses may be found in §231 under the respective disciplines.

I. Requirements

(1) ★12 in Canadian Studies, including ★6 from each of two different disciplines.

(2) 6 additional credits in Canadian Studies from any discipline.

(3) Within the (1) and (2) course selection above, at least 12 senior credits in Canadian Studies.

II. Additional information for students


53.12.2 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.

I. Requirements

(1) AUGH 160 or AUGH 160.

(2) ★3 from AUGH 180, AUGH 104, AUGH 102, AUGEO 108, 109, 110, 105.

(3) ★9 senior credits in Crime and Community or cross-listed equivalents.

(4) ★3 from AUHIS 271, 396, AUGH 260, AUGH 221, 325, 328, 327, 342, 353, 422, AUGH 346; AUGEO 103, 105, 200, 222, 225, 263.

53.12.3 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.

(1) Many senior History courses are offered in alternate years only.
53.12.3.1 Major in Interdisciplinary Studies - Global and Development Studies

I. Requirements

(1) ★3 from AUGDS 103, AUPOL 103.

(2) ★3 ALISOC 105.

(3) ★6 AUGDS 427, 428.

(4) ★24 (with ★12 in each of two areas of the following specializations, with at least ★3 at the 300- to 400-level in each): a. Business & Economics: AUECO 101, 102, 251, 252, 254, 341, 346, 364, 480, AUIMG 100, 200, 320, 340.

b. Rural Studies: AUGDS 222, 223, 224, 225, 322, 323, 324, 325, AUPO 428, AUPO 228, AUSOC 263.

c. Environment: AUENV 120, 260, 268, 324, 328, 344, 345, 358, 368, 375, 420, 421, 475 or cross-listed equivalents.


e. Environment: AUENV 120, 260, 268, 324, 328, 344, 345, 358, 368, 375, 420, 421, 475 or cross-listed equivalents.


h. Individualized: at least ★12 in a well defined interdisciplinary area of Global and Development Studies approved by the Chair of Social Science.

(5) ★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).

(6) One exchange (at least one month in duration), an approved semester abroad, an approved practicum, internship or co-op experience.

II. Additional information for students

(1) Many senior courses are offered in alternate years only.

53.12.4 Minor in Interdisciplinary Studies - Individualized

I. Requirements

(1) ★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.

(2) Approval of an Application for a Minor in Interdisciplinary Studies before the student declares a minor in Interdisciplinary Studies.

53.12.5 Minor in Interdisciplinary Studies in the area of Women’s Studies

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 Women’s Studies minor are listed below. A student should consult an Augustana Faculty Academic Adviser for assistance in planning a Women’s Studies program. Further details about individual courses may be found in §231 under the respective disciplines.

I. Requirements

(1) AUIDS 230.

(2) 15 additional senior credits in Women’s Studies.

II. Additional information for students

Augustana Faculty courses eligible for inclusion in a Women’s Studies minor: AUENG 266, 268, 368, 388; AUGER 293; AUHS 271; AUIDS 230, 384, 385; AUMUS 321, 421; AUPE 266; AUSOC 275, 377; AUSPA 221.

53.13 Management

Augustana Faculty offers a Bachelor of Management in Business Economics (BMgt) degree. More information on the BMgt is available in §52.5.

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.

53.13.1 Minor in Management

I. Requirements

(1) AUIMG 100 and 200.

(2) AUECO 480.

(3) 9 additional senior credits from AUACC 311, 322, AUIMG 310, 320, 330, 340.
53.14 Mathematics and Physics

53.14.1 Major in Mathematics and Physics

A student may choose a BA or BSc in Mathematics and Physics. See §15.3 for Admission Requirements.

I. Requirements
(1) AUMAT 110 or 111 or 116.
(2) AUMAT 112 and 120.
(3) AUMAT 211, 212, 220, 229, 250.
(4) AUPHY 110 and 120.
(5) AUPHY 250, 260, 291.
(6) One of AUMAT 332, 340, AUPHY 340.
(7) AUMAT 480 or AUPHY 480.
(8) 9 additional credits in AUMAT or AUPHY at least 6 of which are at the 300-level or higher.

II. Additional information for students
(1) 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).
(2) AUSTA 215 is strongly recommended.
(3) Most senior courses (200-level and above) are taught in alternate years only (or possibly even more rarely, depending on student demand).

53.14.2 Minor in Mathematics

I. Requirements
(1) AUMAT 110 or 111 or 116.
(2) AUMAT 112 and 120.
(3) AUMAT 250.
(4) 9 additional senior credits in Mathematics.

53.14.3 Minor in Physics

I. Requirements
(1) AUPHY 110 and 120.
(2) AUPHY 250.
(3) 9 additional senior credits in Physics.

II. Additional information for students
(1) AUPHY 110 requires AUMAT 110 or 111 or 116 as a corequisite.
(2) AUPHY 250 requires AUMAT 112 as a prerequisite.
(3) AUPHY 260 requires AUMAT 211 as a corequisite.
(4) AUPHY 321 requires AUMAT 212 as a prerequisite.
(5) AUPHY 310 and 350 require AUMAT 212 as a corequisite.
(6) Many senior Physics courses are offered only if there is sufficient student demand.

53.15 Modern Languages

53.15.1 Major in Modern Languages

See §15.3 for Admission Requirements.

I. Requirements
(1) ★8-15 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.
(2) ★9-15 additional senior credits in Scandinavian Studies, including at least ★9 at the 300- or 400-level (★3 of the aforementioned must be at the 400-level).
(3) ★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).
(4) At least ★6 in each of the two chosen languages must be taken in an immersion setting. See additional information for students, below.

II. 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 he or she 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.
(4) 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.
(5) Other recommended courses:
AUFRE 101: Introduction to Language
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.

III. Recommended first-year program
(1) Required courses: two of the following ★6 sequences:
★6 AUFRE 201 and 202.
★6 AUGER 201 and 202.
★6 AUSCA 101 and 102.
★6 AUSPA 101 and 102.
(2) Students with French 30/German 30 can start at the 200-level in French/German in the first year.

53.15.2 Minor in French

I. Requirements
(1) AUFRE 201 and 202.
(2) AUFRE 301.
(3) 9 additional senior credits in French.

II. 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, 306, or 332 in the first Fall Term and AUFRE 202 in the Winter Term.
(3) AULAT 101 and 102 are highly recommended.
53.15.3 Minor in German

I. Requirements
(1) AUGER 201 and 202, or 200.
(2) AUGER 301 and 302, or 300.
(3) 6 additional senior credits in German (optionally including a maximum of ★3 in literature in translation).

II. 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 he or she 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.

53.15.4 Minor in Scandinavian Studies

I. Requirements
(1) AUSCA 101 and 102.
(2) AUSCA 201 and 202.
(3) 6 additional senior credits in Scandinavian Studies.

II. 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 his or her 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.

53.15.5 Minor in Spanish

I. Requirements
(1) AUSPA 101 or 103 and 102 or 104.
(2) AUSPA 201 or 203 and 202 or 204.
(3) 6 additional senior credits in Spanish.

II. 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 his or her 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.

53.16 Music

53.16.1 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 §52.6.

53.16.2 Major in Music

I. Admission Requirements
See §15.3. 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, Augustana Faculty.

II. Requirements
(1) Music Studies and Information Literacy: AUMUS 228.
(2) Theoretical and Analytical Studies, Musicianship Skills: AUMUS 160, 162, 260, 262.
(3) Music History and Literature, Music in Society: AUMUS 170, 224, 225, 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.
(4) Applied music (instrumental/vocal lessons) and ensemble courses: ★9 (with at least ★1 in each category).
(5) Music options: a minimum of ★7.5.
(6) AUMUS 407 or ★3 from AUMUS 420, 421, 422, 467, 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.
(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.

III. 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, 263, 361 and two or more courses from AUMUS 320/420, 321/421, 322/422, 367/467 and 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.

IV. Recommended first-year programs
(1) Required courses
   a. Applied music and ensemble courses.
   b. AUMUS 160, 162, and 170.

V. Recommended programs for subsequent years
(1) Required second-year program includes:
   a. Applied music and ensemble courses.
   b. AUMUS 260, 261, 262, 263.
   c. Two of AUMUS 224, 225, 226; AUMUS 228.
(2) Recommended third-year program includes:
   a. Applied music and ensemble courses.
   b. Remaining course from music history surveys (AUMUS 224, 225, 226).
   c. AUMUS 320, 321, 322, 367 or 368.
   d. AUMUS 361.
(3) Recommended fourth-year program includes:
   a. Instrumental/vocal lessons and ensemble courses.
   b. AUMUS 407 or a 400-level course in music history, music theory, or ethnomusicology.
   c. Additional senior Music courses.
53.16.3 Minor in Music

See Admission requirements for the major above.

I. Requirements
(1) Music history and literature, music in society: AUMUS 170, 225, and either 224 or 226.
(2) Theoretical and analytical studies, musicianship skills: AUMUS 160, 162, 260, 262.
(3) A minimum of ★3 in applied music and/or ensemble courses, with at least ★1 being at the senior level.

53.17 Philosophy and Religion

53.17.1 Major in Philosophy and Religion

I. Requirements
(1) ★3 in AUREL 100 and ★3 in AUPHI 101 or 102.
(2) Cross-cultural experience, the equivalent of a minimum of ★3 (see Program Coordinator).
(3) ★6 from AUGDS 103, 122, 123, 124, 125, 222, 223, 224, 225, 322, 323, 324, 325, AUPOL 103, 210, 211, 215, 240, 341, AUSOC 218, 262, 267, 275, 283, 367, 371, 377.
(4) ★6 from AUPHI 260, 290, 368, 369, 469.
(5) 9 additional senior credits in AUPHI, non-overlapping with (4).
(6) 9 additional senior credits in AUREL, non-overlapping with (4).
(7) ★6 integrative capstone courses at the 400 level.

II. Additional information for students
(1) A student intending to pursue graduate studies in Philosophy or Religion is encouraged to take up to an additional ★18 in Philosophy or Religion respectively.
(2) Students should consult with the Program Coordinator concerning cross-cultural experiences and/or courses.

53.17.2 Minor in Philosophy

I. Requirements
(1) ★6 from AUPHI 101, 102, 180.
(2) 12 senior credits in Philosophy.

53.17.3 Minor in Religion

I. Requirements
(1) ★3 from AUREL 100, 207, 208.
(2) 15 senior credits in Religion.

53.18 Physical Education

53.18.1 Major in Physical Education

A student chooses one of the following two streams:

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

I. Requirements
(1) ★9 in AUPAC (Physical Activity Courses).
(2) AUPED 112 and 160.
(3) AUPED 215.
(4) AUPED 314.
(5) AUPED 393, 462 and 493.
(6) ★6 from AUPED 220, 232, 342, 351.
(7) ★6 from AUPED 184, 262, 290, 368, 369, 469.
(8) 6 additional senior credits in Physical Education.
(9) Within the course selection above, no more than 18 junior credits in Physical Activity courses and Physical Education courses combined.

II. 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 216 are recommended for other students who intend to complete a degree in Physical Therapy, Occupational Therapy, or an Advanced Certificate in Athletic Therapy.

III. Recommended first-year program
(1) Required courses
  a. ★3 AUPED 112.
  b. ★3 AUPAC 100-199.
  c. ★3 AUPED 160.

BA or BSc (Physical Education - Outdoor Education)

I. Requirements
(1) ★9 in AUPAC (Physical Activity Courses).
(2) AUPED 112.
(3) AUPED 215.
(4) AUPED 314.
(5) AUPED 290, 383 and 389.
(6) AUPED 393, 462 and 493.
(7) ★3 from AUPED 220, 232, 342, 351.
(8) ★3 from AUPED 160, 262, 268, 369, 469.
(9) ★3 from AUPED 184, 285.
(10) ★3 from AUPED 286, 388.
(11) Outdoor education-related certifications are required. Please consult Augustana Physical Education Department for details.
(12) Within the course selection above, no more than 18 junior credits in Physical Activity courses and Physical Education courses combined.

II. Additional information for students
(1) It is strongly recommended that a student take AUPED 225 and/or 326 from I.(1), above.
(2) It is strongly recommended that a student take AUPED 383 and 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 216 are recommended for other students who intend to complete a degree in Physical Therapy, Occupational Therapy, or an Advanced Certificate in Athletic Therapy.
(4) A student should consider including one or more of AUGEO 120, 230, 231, 320, 324, AUBIO 253, 255, 353.
(5) Some courses are offered in alternate years only.

III. Recommended first-year program
(1) Required courses
  a. ★3 AUPED 112.
  b. ★3 AUPAC 100-199.
  c. ★3 AUPED 160.

53.18.2 Minor in Physical Education

I. Requirements
(1) AUPED 112.
(2) ★3 in AUPAC (Physical Education Activity).
(3) 15 additional credits in Physical Education, including at least ★12 at the senior level.
53.19 Political Studies

53.19.1 Major in Political Studies

I. Requirements
(1) AUPOL 103 and 104.
(2) AUPOL 210 or 211.
(3) AUPOL 200.
(4) AUPOL 221.
(5) AUPOL 240.
(6) AUPOL 300.
(7) Many senior Political Studies courses are offered in alternate years only.
(8) 9 additional senior credits.

II. 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-suppose specific 200-level prerequisites. Students proposing to major in Political Studies should generally take AUPOL 103 and 104 in the first year, and AUPOL 200, 221, 240 and either AUPOL 210 or 211 in the second year, and AUPOL 300 in the third year. Students are also strongly recommended to take 6 credits of a second language.

53.19.2 Minor in Political Studies

I. Requirements
(1) AUPOL 103 and 104.
(2) 3 credits from AUPOL 210, 211, 221, 240.
(3) 9 additional senior credits, of which at least 3 must be at the 300-level or above.

53.20 Psychology

53.20.1 Major in Psychology

A student may choose a BA or BSc in Psychology. See §15.3 for Admission Requirements.

I. Requirements
(1) AUPSY 101 and 102.
(2) AUPSY 213.
(3) 6 credits from AUPSY 220, 240, 256 (social/personality/developmental).
(4) 6 credits from AUPSY 263, 267, 275 (cognition/perception/physiological).
(5) AUPSY 310 and 313.
(6) AUPSY 408 or 409.
(7) 12 additional senior credits in Psychology.
(8) At least 9 Psychology credits, including AUPSY 408 or 409, at the 400-level.

II. Additional information for students
(1) A student should take AUPSY 215 and the chosen/required 200-level courses, in the second year.
(2) AUPSY 310 and 313 should be taken in the third year.
(3) A student who is considering graduate studies in Psychology is advised to take AUPSY 313 in the third year and AUPSY 408/409, 407, and 409 in the fourth year.
(4) A student interested in pursuing graduate studies in clinical or counselling psychology should take (in addition to required courses):
   a. AUPSY 220, 240, 256, 275, in the second year.
   b. AUPSY 331 and 342 in the third year.
   c. AUPSY 483, 486, 497, 499, in the fourth year.
   d. The following courses would be helpful electives (to be taken when offered since they are not available every year): AUPSY 348, 377 or 477, 382, 408.

(5) Courses related to the social/personality stream include AUPSY 304, 308, 344, 346, 483, 486, and 488. Courses related to the developmental/cognitive stream include AUPSY 301, 302, 307, 352, 354, 362, 373, and 471. Courses related to the physiological stream include AUPSY 303, 386, 377, and 477.
(6) It is recommended that AUIDS 380 or 385 be taken. Courses in the philosophy of science, philosophy of social science, and philosophy of technology are also recommended.
(7) Many senior Psychology courses are offered in alternate years only.

III. Recommended first-year program

Required courses: 6 AUPSY 101 and 102.

53.20.2 Minor in Psychology

I. Requirements
(1) AUPSY 101 and 102.
(2) 3 credits from AUPSY 220, 240, 256 (social/personality/developmental).
(3) 3 credits from AUPSY 263, 267, 275 (cognition/perception/physiological).
(4) 6 additional senior credits in Psychology. AUPSY 213 is recommended.

53.20.3 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):
(1) AUPSY 240 - Social Psychology.
(2) AUPSY 275 - Introduction to the Brain and Nervous System.
(3) AUPSY 342 - Health Psychology.
(4) AUPSY 346 - Community Psychology.
(5) AUPSY 377 - Human Neuropsychology.
(6) AUPSY 483 - Psychological Disorders.

Plus 6 additional credits from the following list:
(1) AUSOC 224 - Sociology of Deviant Behaviour.
(2) AUSOC 263 - The Social Theory of Community.
(3) AUSOC 414 - Program Evaluation.
(4) AUPSY 486 - Clinical and Counseling Psychology.

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.
53.21 Sociology

53.21.1 Major in Sociology

I. Requirements
(1) ★6 from AUSOC 101, 103, 105.
(2) AUSOC 232 and one of AUSOC 233, 377.
(3) ★3 from AUPOL 200, AUSOC 236.
(4) AUSOC 339.
(5) ★3 from AUSOC 437, 439.
(6) 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.

II. Additional information for students
(1) A student considering graduate studies in Sociology is strongly encouraged to complete AUSTA 213.
(2) Many senior Sociology courses are offered in alternate years only.

III. Recommended first-year program
(1) Required courses: ★6 from AUSOC 101, 103, and 105.

53.21.2 Minor in Sociology

I. Requirements
(1) ★6 from AUSOC 101, 103, 105.
(2) ★3 from AUSOC 232, 233, 377.
(3) 9 additional senior credits in Sociology.

54 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 his or her 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 §53.20.3).

Certificate in Writing Studies: available to students in any Augustana degree program (see §64.1).

54.1 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 with a minimum 2.7 GPA, as follows:
(1) ★12 of writing instruction:
   AUENG 103 and 104 (★6)
   One of AUENG 212, 215 or 312 (★3)
   AUIDS 242 or 244 (★3).

(2) ★18 in courses designated as “writing intensive” according to the following criteria:
   - at least 3000 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:

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.

This certificate is awarded upon graduation.

55 Faculty Regulations

Students should consult the following regulations of the Augustana Faculty in tandem with the University Regulations in §§11 to 26, with particular attention to §§22 and 23.

55.1 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.

55.2 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.

55.3 Registration

General regulations for students regarding Registration are contained in §22.

(1) Deadlines: Students should familiarize themselves with the deadlines pertaining to registration, as outlined in §11, 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 §23.3(2)] 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 his or her Academic Adviser. A student wishing to change degree program, or transfer into another Faculty, should also consult §15.3.7(2) 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 §11 and 22.1.

7. Auditing courses: Students interested in registering to audit one or more courses in the Augustana Faculty should refer to §22.1.10.

55.4 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 §23.4). As well, students should refer to §23.3 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 §22.3 and 22.5.

No examination value 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.

55.5 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.

55.6 Academic Standing and Graduation

55.6.1 Determination of Academic Standing

Academic standing is assessed based on a student’s GPA. (Rules for computing the GPA are listed in §23.4.) 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.

55.6.2 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 18 with a minimum GPA of 3.7.

2. 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.

3. 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.

4. 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.

55.6.3 Other Regulations Related to Academic Standing

1. 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.

2. 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 Programs.

55.6.4 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).

55.7 Graduation

55.7.1 Grades Required in Courses Presented for the Bachelor’s Degree

1. 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.

2. 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).
(3) 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.

(4) The degree is awarded "with distinction" to a student who achieves a GGPA (as defined in item 2, above) of at least 3.5.

55.7.2 Graduation Requirements

(1) 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 §11. Also see §23.7. 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.

(2) In order to graduate, a candidate must fulfill all program requirements and satisfy the grade point average and residence requirements specified above.

(3) 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.

55.8 Grievances and Appeals

A copy of the Augustana Faculty regulations regarding appeals on grades and academic standing may be obtained from the Augustana Academic Advisement Office (L1-030 Augustana Forum Building). Certain academic standing decisions made by the Augustana Faculty Academic Appeals Committee may be appealed to the General Faculties Council Academic Appeals Committee. See §23.8.

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

56 Courses

56.1 Course Listings

Augustana courses are listed in §231, Course Listings under Augustana Faculty with the following subject headings:

Accounting (AUACC)
Art (AUART)
Biology (AUHIO)
Chemistry (AUCH)
Classical Studies (AUCLLA)
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 (AUENS)
French (AUFRE)
Geography (AUGEO)
German (AUGER)
Global and Development Studies (AUGDS)
Greek (AUGRE)
History (AUSHIS)
Interdisciplinary Studies (AUIDS)
Language Studies (AULAN)
Latin (AULAT)
Management (AUMGT)
Mathematics (AUMAT)
Music (AUMUS)
Philosophy (AUPH)
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)

56.2 Classification of Courses

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

(1) The following are classified as Science courses:
   a. all Biology (AUBIO).
   b. all Chemistry (AUCH).
   c. all Computing Science (AUCSC).
   d. Economics (AUECO) 206, 309, 311, 449.
   h. Management (AUMGT) 206.
   i. all Mathematics (AUMAT).
   k. all Physics (AUPHY).
   l. Psychology (AUPSY) courses having odd numbers (last digit is 1, 3, 5, 7, or 9).
   m. 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):
   a. Classics (AUCLA) 221, 222, 223, 224.
   b. all Community Service-Learning (AUCSL).
   c. all Crime and Community (AUCRI).
   d. all Economics (AUECO) except 206, 309, 311, 449.
   f. Geography (AUGEO) 150, 242, 302, 341, 402.
   g. all Global and Development Studies (AUGDS).
   h. all History (AUSHIS).
   i. all Interdisciplinary Studies (AUIDS) 121, 160, 221, 230, 250, 260, 292, 384.
   j. all Language Studies (AULAN).
   k. Management (AUMGT) 323, 360, 422.
   m. all Physical Education (AUPED) except 112, 215, 216, 232, 275, 371, 375, 393, 414, 497.
   n. all Political Studies (AUPOL).
   o. all Psychology (AUPSY) courses having even numbers (last digit is 0, 2, 4, 6, or 8).
   p. all Religion (AUREL) 260, 266.
   q. all Scandinavian Studies (AUSCA) 231.
   r. all Spanish (AUSPA) 240, 241, 250, 251, 252, 253, 304, 341.
   s. all Sociology (AUSOC).

(3) The following are classified as Humanities courses (and for the purposes of the BA are also categorized as Arts courses):
   a. Art (AUART) 365.
   b. all Classics (AUCLA) except 221, 222, 223, 224.
   c. Drama (AUDRA) 312.
   d. all English (AUENG) except 319, 385.
   e. all English for Academic Purposes (AUEAP).
   g. all French (AUFRE).
   h. all German (AUGER).
(4) The following courses are classified as Fine Arts courses (and for the purposes of the BA are also categorized as Arts courses).
   a. all Art (AUART), except 365.
   b. all Drama (AUDRA) except 312.
   c. English (AUENG) 319, 385.
   d. all Music (AUMUS).
   e. Philosophy (AUPHI) 366.

(5) Education courses (AUEDC, AUEFX, AUEPS) and Management courses (all AUACC and all AUMGT except AUMGT 206, 323, 360, 422) and AUPED 275 are classified as specialized professional courses [see §§52.3(3) and 52.3(4)].

(6) All other courses not identified in (1) to (5) above are classified as Arts courses.