

# Augustana Faculty

<b>50</b>	<b>Augustana Faculty</b>	<b>163</b>
<b>51</b>	<b>The Professors</b>	<b>164</b>
<b>52</b>	<b>Programs of Study</b>	<b>164</b>
52.1	Classification of Degree Programs	165
52.2	The Augustana Core	166
52.3	General Program Information	166
52.4	General Regulations Governing Course Selections	166
52.5	Bachelor of Arts (BA)	167
52.6	Bachelor of Management in Business Economics (BMgt)	168
52.7	Bachelor of Music (BMus)	168
52.8	Bachelor of Science (BSc)	170
52.9	Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana)	170
52.10	International Programs	173
<b>53</b>	<b>Degree Major/Minor Requirements</b>	<b>173</b>
53.1	Art	173
53.2	Biology	174
53.3	Chemistry	174
53.4	Classical Studies	175
53.5	Computing Science	175
53.6	Drama	175
53.7	Economics	175
53.8	English	176
53.9	Environmental Science (BSc)/Environmental Studies (BA)	176
53.10	Geography	177
53.11	History	177
53.12	Interdisciplinary Studies	177
53.13	Management	179
53.14	Mathematics and Physics	179
53.15	Modern Languages	179
53.16	Music	180
53.17	Philosophy and Religion	181
53.18	Physical Education	181
53.19	Political Studies	182
53.20	Psychology	182
53.21	Sociology	183
<b>54</b>	<b>Certificates</b>	<b>183</b>
54.1	Certificate in Writing Studies	183
<b>55</b>	<b>Faculty Regulations</b>	<b>183</b>
55.1	Admission and Transfer	183
55.2	Residential Requirement	184
55.3	Registration	184
55.4	Attendance, Evaluations and Grading	184
55.5	Policy on Academic Dishonesty	184
55.6	Academic Standing and Graduation	184
55.7	Graduation	185
55.8	Grievances and Appeals	185
<b>56</b>	<b>Courses</b>	<b>185</b>
56.1	Course Listings	185
56.2	Classification of Courses	185

## 50 Augustana Faculty

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

A-ML Link, PhD

**Associate Dean, Academic**  
K Mündel, PhD

**Associate Dean, Research**  
R Harde, PhD

**Associate Dean, Teaching**  
JC Wesselius, PhD

**Assistant Dean, External Relations**  
TE Hanson, BA

**Assistant Dean, Finance and Administration**  
AF Heyhurst, CA

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

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

**Office of Learning, Advising and Beyond**  
TBA

### Faculty Departments

#### Fine Arts and Humanities

**Professor and Chair**  
KI Misfeldt, PhD (German)

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

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

**Assistant Professor**  
B Alakas, PhD (English)

#### Science

**Professor and Chair**  
TBA

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

JJJ Mohr, PhD (Computing Science and Music)

#### Associate Professors

M Asfeldt, MSc (Physical Education)

D Audet, PhD (Biology)  
IR Blokland, PhD (Physics and Mathematics)

SL Gares, PhD (Biology)  
NC Haave, PhD (Biology)

GA Hood, PhD (Environmental Science/Studies)

JK Kariuki, PhD (Chemistry)  
GM Lotz, PhD (Physics and Mathematics)

B Rempel, PhD (Chemistry)  
JSylvestre, PhD (Mathematics)

T Terzin, PhD (Biology)

#### Assistant Professor

ACS McIntosh, PhD (Biology)

#### Social Sciences

**Professor and Chair**  
J Mouat, PhD (History)

**Professor and Associate Chair**  
TW Parker, PhD (Psychology)

#### Professors

A Berger, PhD (Anthropology)  
LK Hallstrom, PhD (Political Studies)

PF Marentette, PhD (Psychology)

**Associate Professors**  
YM Becker, PhD (Physical Education)

Y Fahmy, PhD (Economics)

WM Foster, PhD (Management)

KC Hatt, PhD (Sociology)

SL Lorenz, PhD (Physical Education)

VA Manaloor, PhD (Economics)

M Méthot, PhD (History)

TH Milbrandt, PhD (Sociology)

P Mirejovsky, PhD (History)

SE Moore, PhD (Psychology)

K Mündel, PhD (Global and Development Studies)

GB Osborne, PhD (Sociology)

R-V Palo, MSc (History)

R Purc-Stephenson, PhD

(Psychology)

SC Rein, PhD (Political Studies)

GD Snydmiller, MSc (Physical Education)

SC Wilton, PhD (Political Studies)

#### Assistant Professors

AJ Guerber, PhD (Management)

JE Yardley (Physical Education)

#### Additional Members of Faculty Council

**President and Vice-Chancellor**  
IV Samarasekera, O.C.

**Registrar of the University**

LM Collins

#### Administrative Officers

B Anderson

MT Burnett, MBA

CA Blades, CEFM

MG Chytracek

# 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 §16.3 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 three departments for administrative purposes: Fine Arts and Humanities, Science, and Social Sciences. The following programs are available within these departments:

### Program Areas with Available Majors and Minors

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

## 52.2 The Augustana Core

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

### Engagement

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

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

For more information on Engagement requirements, see §§52.5, 52.6, 52.8, and 52.9, under The Augustana Core: Engagement.

### Knowledge

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

- Fine Arts,
- Humanities,
- Social Sciences, and
- Science.

For more information on breadth of Knowledge requirements, see §§52.5, 52.6, 52.8, and 52.9, under The Augustana Core: Knowledge.

### Skills

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

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

As **Thinkers**, Augustana students can

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

As **Researchers**, Augustana students can

- (1) design and execute projects from conception to fruition;
- (2) analyze and synthesize data, concepts, and ideas;
- (3) assert their own perspective on a topic through argument, presentation, or interpretation; and
- (4) employ information literacy skills to assemble and evaluate the most suitable materials.

As **Communicators**, Augustana students can

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

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

## 52.3 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) **Term:** The instructional periods are from September to December (Fall Term), January to April (Winter Term), May/June (Spring Term), and July/August (Summer Term).
- (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 of courses from other postsecondary institutions is C-.
- (10) **Overlapping Options:**
  - a. A course that fulfills more than one requirement on a major or in a major/minor combination;
  - b. A course that fulfills a requirement in both the core and within a specific program.
- (11) **Non-Overlapping Options:**
  - a. A course that is not allowed to count towards more than one requirement within a major;
  - b. No course may be counted towards more than one core requirement.
- (12) **Supporting Course:** A course from outside a particular major which generally complements the study of that major; it is a requirement for the completion of the major, but is not used in calculating the major GPA.
- (13) **Option:** The term "option" where it appears in programs means a course chosen by the student from offerings by the Augustana Faculty if the necessary prerequisites have been met, and which is not a specific program requirement.
- (14) **Arts Courses/Options:** Courses offered by the Augustana Faculty which are classified as "Arts" courses (see §56.2) for which the student is eligible and which meet degree requirements.
- (15) **Music Courses/Options:** Courses offered by the Augustana Faculty which are classified as "AUMUS" courses (see §231) for which the student is eligible and which meet degree requirements.
- (16) **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.
- (17) **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.

## 52.4 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." If a course is specifically required by two or more of a student's declared areas of study, the course may be counted toward only one area and a substitute course in each of the other areas must be selected with the approval of the student's Department Chair.
- (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 student may not repeat a course for which credit has been earned;
  - a student may not repeat a failed course more than once.

## 52.5 Bachelor of Arts (BA)

### 52.5.1 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 the Engagement and Knowledge components of the Augustana Core, a major subject, an optional minor, and options, as follows:

#### (1) The Augustana Core: Engagement

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

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

For more detail on which courses may be counted towards these categories, see §52 – Augustana Chart 1.

### Augustana Chart 1 Core Engagement Requirements

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

#### Creative and Imaginative Process (CIP)

AUART 111, 112, 113, 215, 231, 232, 271, 272, 298, 299; AUDRA 109, 123, 138, 139, 144, 148, 209, 220, 230, 233, 238, 239, 244, 309, 344, 345, 384, 391, 409, 509, 538, 539; AUENG 215, 314, 316, 317, 318, 319; AUMUS 127, 140, 141, 142, 143, 144, 145, 149, 170, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 235, 240, 241, 242, 243, 244, 245, 249, 265, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 336, 340, 341, 342, 343, 344, 345, 347, 349, 388, 389, 390, 391, 392, 394, 395, 398, 399, 440, 442, 443, 444, 445, 447, 449, 488, 490, 492, 498, 540, 541, 542, 543, 544, 545, 547, 549, 588, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599.

#### Diversity and Global Studies (DGS) (See Note 1)

AUCLA 194, 294; AUCRI 224, 453; AUDRA 344, 345; AUECO 252, 254, 264, 354, 356, 360, 361, 362, 364, 463, 465; AUENG 205, 207, 292, 305, 307, 392; AUFRE 101, 102, 201, 202, 301; AUGDS 222, 223, 224, 225, 322, 323, 324, 325, 427, 428; AUGEO 242; AUGER 101, 102, 200, 201, 202, 300, 301, 302, 400; AUHIS 327, 334; AUMUS 170; AUPED 266; AUPHI 392; AUPOL 240, 241, 325, 341, 343, 344, 346, 349, 350, 355, 356, 357, 358, 411, 443, 444, 449, 453; AUPSY 338, 442; AUREL 100, 260, 263, 266, 270, 271, 272, 282, 283; AUSCA 101, 102, 142, 201, 202, 231; AUSOC 105, 218, 224, 263, 271, 275, 341, 377, 391; AUSPA 101, 102, 103, 104, 201, 202, 203, 204, 301, 302, 303, 304, 404, 405.

#### (2) The Augustana Core: Knowledge

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

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

For the actual classification of Augustana courses within these categories, see §56.2.

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

- (3) **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.

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

- (5) **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 §52.4). 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 BA program must complete at least ★60 offered by the Augustana Faculty, at least ★54 of which must be at the senior level. However, language or other study abroad may, with special permission of the Associate Dean, Academic, count toward the residence requirement. **Note:** Students

#### Environmental Sustainability (ES)

AUBIO 253, 322, 334, 350, 351, 353, 354, 355, 450; AUECO 341; AUENG 268, 269, 368, 369; AUENV 120, 233, 252, 268, 269, 320, 322, 324, 327, 334, 335, 341, 344, 345, 350, 353, 354, 358, 368, 369, 375, 420, 421, 425, 450, 475; AUGEO 120, 233, 320, 324, 334, 351, 354, 420, 421, 425; AUHIS 375, 475; AUMAT 332; AUPHI 355; AUPSY 344; AUREL 345; AUSOC 358.

#### Experiential Learning (EL) (See Notes 1 and 2)

AUBIO 319, 334, 359, 419, 459; AUCSC 401, 402; AUCSL 100, 300, 350, 360, 480; AUDRA 244, 391; AUECO 254, 356, 361, 362; AUENV 260, 261, 334, 359, 459; AUFR 308; AUGDS 222, 223, 224, 225, 322, 323, 324, 325, 427, 428; AUGEO 334, 343; AUGER 200, 300, 400, 415; AUHIS 327, 333, 334, 467; AUIDS 242, 244, 260; AUMGT 399; AUMUS 375, 475; AUPED 184, 185, 281, 285, 286, 292, 385, 388; AUPOL 248, 348, 356, 399; AUPSY 414; AUREL 266; AUSOC 339.

#### Integrating Knowledge (IK) (See Note 1)

AUART 367, 467; AUCRI 160; AUDRA 367, 467; AUECO 252, 254, 354, 356, 361, 362; AUENG 268, 368; AUENV 268, 368; AUFRE 307; AUGDS 222, 223, 224, 225, 322, 323, 324, 325; AUGEO 341, 342; AUHIS 327, 329, 334; AUIDS 110, 160, 210, 230, 311; AUMGT 360; AUMUS 367, 467; AUPED 360, 387; AUPHI 345; AUPOL 356, 358; AUREL 260, 266.

### Notes

- (1) The combination of AUECO 361/AUHIS 327 and AUECO 362/AUHIS 334 comprises ★3 in this category.
- (2) Non-AUCSL 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.

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

## 52.6 Bachelor of Management in Business Economics (BMgt)

### 52.6.1 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 Engagement and Knowledge components of the Augustana Core. Because of the possibility of overlap between the credits required for portions of the Augustana Core and those required for the Business Economics program, a student may also include options or an optional minor as follows:

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

(2) **The Augustana Core: Engagement**

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

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

For more detail on which courses may be counted towards these categories, see §52 – Augustana Chart 1.

(3) **The Augustana Core: Knowledge**

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

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

For the actual classification of Augustana courses within these categories, see §56.2.

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

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

- (5) **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.

### 52.6.2 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, 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.

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

### 52.6.3 Program Requirements

See §16.3 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: AUMGT 100.
  - c. Introduction to Management: AUMGT 200.
  - d. Corporate finance: AUMGT 310.
  - e. Business law: AUMGT 320.
  - f. Introduction to marketing: AUMGT 330.
  - g. Organizational behavior: AUMGT 340.
  - h. Business policy and strategy: AUMGT 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 116.
  - b. AUSTA 153.

### 52.6.4 First-Year Program Recommendations

- (1) AUECO 101 and 102.
- (2) AUMGT 100.
- (3) AUMAT 110 or 111 or 116.
- (4) AUSTA 153.
- (5) AUENG 103.
- (6) 12 additional credits toward the Engagement and Knowledge components of the Augustana Core.

## 52.7 Bachelor of Music (BMus)

### 52.7.1 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.

### 52.7.2 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, Academics, 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.

### 52.7.3 General Information

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

- (1) **Piano** and
- (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 enrols 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.

## 52.7.4 Admission Requirements

See §16.3. 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 and Humanities, Augustana Faculty.

## 52.7.5 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 in voice. Note: Consult Department of Fine Arts and Humanities 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 (★18): 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 and Humanities.
- c. Theoretical and Analytical Studies, Musicianship Skills (★21.5) credits: AUMUS 199 (or 299), 160, 162, 260, 261, 262, 263, 361, 369/469.
- d. Music Studies and Information Literacy (★1.5): 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 (★24):

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

- a. Piano:
- i. ★6: Additional applied credits in Piano. Note: Consult Department of Fine Arts and Humanities for details.
  - ii. ★15: AUMUS 229/329, 235, 238, 347, 447.
  - iii. ★1-3: Music options. For a student taking AUMUS 196 and 197 instead of AUMUS 195, only ★1 Music option is available.

- b. Voice:
- i. ★6: Additional applied music credits in voice, taken from AUMUS 397 and 497. Note: Consult Department of Fine Arts and Humanities for details.
  - ii. ★15: AUMUS 227/327, 235, 239/339, 347, 447.
  - iii. ★1-3: Music options. For a student taking AUMUS 196 and 197 instead of AUMUS 195, only ★1 Music option is available.

- c. Comprehensive:
- i. ★3: AUMUS 235.
  - ii. ★21: Music options. Of these ★21, no more than ★6 from applied music and ★6 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.

- d. Liturgical Arts:
- i. ★6: AUMUS 270, 271 (Liturgical Arts I and II).
  - ii. ★9: AUMUS 235, 236, 336.
  - iii. ★3: AUMUS 375, 475 (Co-op Education Studies I and II).
  - iv. ★2: AUMUS 289 (Service Playing).

- v. ★4: Music options.
- Notes: A student must complete a minimum of ★16 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 and Humanities; ★3 from AUREL 100, 207, and 208 must be completed or enrolled in at time of application.

- e. Musical Arts:
- i. ★6: Additional applied music credits in the designated primary instrument or voice. Note: Consult Department of Fine Arts and Humanities for details.
  - ii. ★13-15: Music options. For a student taking AUMUS 196 and 197 instead of AUMUS 195, only ★13 of Music options are available.
  - iii. ★3: 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 and Humanities. 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 (★33 minimum):

- a. Non-Music Required Courses: ★12
- i. ★6: AUENG 103, 104.
  - ii. ★6: second language, with all credits from one language. Note: A Voice major student must include ★6 from AUGER 101, 102, 200, 201, 202.
- b. Non-Music Option Courses: ★21-24
- i. All majors require a minimum of ★21 of non-Music options, except for the Musical Arts major which requires ★24.
  - 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 ★12 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 (★18). For remaining credits, the student is also encouraged to consider Drama and Art courses as well as those which examine aspects related to Christianity (e.g., AUENG 231/331, 239/339, 301, AUIDS 250, AUPHI 357, 358, AUSOC 103, 283).

A Musical Arts major student must complete a minor in another discipline (★18). For available minors see §53.

## 52.7.6 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.

## 52.7.7 Program Recommendations

### (1) Recommended first-year program:

- a. ★4-6: applied music.
- b. ★3: ensembles.
- c. ★7.5: AUMUS 160, 162, 170.
- d. ★15-17: AUENG 103, 104, and/or second language, and/or non-Music options.

### (2) Recommended second-year program includes:

- a. ★4-6: applied music.
- b. ★3: ensembles.
- c. ★16.5: AUMUS 228, 260, 261, 262, 263; and ★6 from 224, 225, 226.
- d. ★3-6: non-Music option(s) or remaining credits from AUENG 103, 104, or second language.

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

- a. ★6: AUMUS 361 and 369/469.
- b. ★6 additional credits of Music courses in Music History and Literature, Music in Society at the 300- or 400-level as approved by the Department of Fine Arts and Humanities.
- c. All additional credits as specified under the Bachelor of Music requirements listed above.

## 52.8 Bachelor of Science (BSc)

### 52.8.1 Overview

The Bachelor of Science degree consists of ★120 arts and science, including at least ★66 science (see §56.2 Classification of Courses). The ★120 in the program are made up of the Engagement and Knowledge components of the Augustana Core, a major subject, an optional minor, and options, as follows:

#### (1) The Augustana Core: Engagement

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

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

For more detail on which courses may be counted towards these categories, see §52 – Augustana Chart 1.

#### (2) The Augustana Core: Knowledge

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

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

For the actual classification of Augustana courses within these categories, see §56.2.

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

#### (3) 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.

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

(5) **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 §52.4). 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.

### 52.8.2 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, count toward the residency requirement.

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

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

### 52.9.1 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.

### 52.9.2 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.

### 52.9.3 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: Engagement (★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 Augustana Core: Knowledge requirements in Part B.

#### **Part B. The Augustana Core: Knowledge (★21)**

★3 Fine Arts: any AUART except 228; any AUDRA except 228, 301; any AUMUS except 228, 375, 475.

★6 Humanities.

★6 Science.

★6 Social Sciences.

See §56.2 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: Engagement 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.

#### **(2) General Requirements (★12)**

★6 language or literature from AUCLA 102, 242, 243, 244; AUENG 103, 104; AUGER 291, 292, 293; AULIT 201, 202; AUSCA 141, 151, 152, 161, 241, 251, 252, 261; AUSPA 230, 231.

★3 computing science or educational computing: one of AUCSC 111, 112, or AUEDC 202.

★3 history, philosophy, and theory of science: one of AUBIO 411; AUENV 421; AUGEO 421; AUDIS 380, 381, 382, 383, 384, or 385; AUMAT 480; AUPHY 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.

★3 EDU 211.

★6 EDPY 301 and 303.

★15 EDFX 350 and 450.

★3 EDPS 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.

★3 Education option.

#### **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 §23.8.3 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.

#### **(4) 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.

Supporting course: ★3 statistics: AUSTA 215.

**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.

★3 analytical chemistry: AUCHE 220.

★3 inorganic chemistry: AUCHE 230.

★3 organic chemistry: AUCHE 250.

★3 physical chemistry: AUCHE 279.

★3 Selected Topics in Chemistry: one of AUCHE 405 or 485.

★21 additional senior Chemistry, at least ★6 of which must be at the 300- or 400-level.

Prerequisite courses: ★3 elementary calculus: AUMAT 110, 111, or 116.

**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.

★9 chemistry: AUCHE 110, 112 and 250.

★6 elementary calculus: AUMAT 110 or 111 or 116, and 112.

★9 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 AUSTA 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**

★3 computing science: AUCSC 112.

★6 elementary calculus: AUMAT 110 or 111 or 116, and 112.

★6 linear algebra: AUMAT 120 and 220.

★6 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: AUSTA 215.

##### **Notes**

(1) Because AUCSC 111 is a prerequisite for AUCSC 112, Mathematical Sciences majors should select AUCSC 111 to satisfy the general requirement in computing.

(2) Students must take EDSE 337 during the IPT, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 451 and 437 during the APT, which are normally offered in both the Fall and Winter Terms.

(3) EDSE 439 and 442 are recommended as Education options.

##### **e. Mathematics and Physics**

★6 elementary calculus: AUMAT 110 or 111 or 116, and 112.

★6 intermediate calculus: AUMAT 211 and 212.

★3 applied mathematics: AUMAT 315, 330 or 340, or AUPHY 340.

★9 introductory physics: AUPHY 110, 120, and 250.

★3 relativity and quantum mechanics: AUPHY 260.

★3 advanced physics laboratory: AUPHY 291.

★3 additional Physics at the 300- or 400-level.

★3 history of mathematics and physics: AUMAT 480 or AUPHY 480.

★6 additional senior Mathematics or Physics, selected such that the major includes at least ★24 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.

★6 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.
  - ★3 additional senior Computing Science or Mathematics.
- Prerequisite courses: ★9 calculus: AUMAT 110 or 111 or 116, 112, and 211.

**Notes**

- (1) AUMAT 212 is a corequisite for AUPHY 310 and 350. Due to the number of Mathematics prerequisites for this major, it is suggested that the Physical Sciences major be taken in combination with a Mathematics minor.
- (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 s 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 323 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; AUIDS 279, 379; AULAN 200.
- ★3 aboriginal/indigenous or Canadian literature: one of AUENG 207, 280, 281, 307, 380, 381.
- ★3 literature written before 1800: one of AUENG 221, 225, 230, 231, 233, 239, 241, 243, 321, 325, 330, 331, 333, 339, 341, 343.

- ★3 additional senior AUENG or senior literature course taught in translation: one of AUCLA 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 111 or 116.

**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.

**g. Mathematical Sciences**

- ★6 elementary calculus: AUMAT 110 or 111 or 116, 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.

**h. 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.

**i. Philosophy and Religious Studies**

- ★3 AUREL 100.
- ★3 AUREL 252 or 352.
- ★3 AUREL 257.
- ★6 AUPHI 250 and 260.
- ★3 AUPHI 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.

**j. Physical Education**

- ★3 AUPED 160.
- ★3 AUPED 220.
- ★3 AUPED 241.

★9 chosen from the following five activity dimensions:

- (1) Alternative Environments: at least ★1 from AUPAC 109, 123, 125, 134, 152, 209, 225, 253; AUPED 184.
- (2) Dance: ★1 AUPAC 114.
- (3) Gymnastics: ★1 AUPAC 161.
- (4) Games: at least ★2 from AUPAC 103, 124, 131, 173, 177, 178, 179, 180, 181, 224, 270, 277, 278, 279.
- (5) Individual Activities: at least ★1 from AUPAC 109, 125, 133, 151, 209, 225.

**Notes**

- (1) The same credit may not be counted twice in courses that relate to more than one of the five activity dimensions
- (2) Students must take EDSE 348 during the term that falls between the IPT and APT. It is normally offered in both the Fall and Winter Terms.

**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 §56.2(1) Classification of Courses).

Prerequisite courses: ★3 calculus: AUMAT 110 or 111 or 116.

**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

#### I. Physics

★9 introductory physics: AUPHY 110, 120, and 250.

★9 additional senior AUPHY.

Prerequisite courses: ★6 calculus: AUMAT 110 or 111 or 116, 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 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.

#### m. Second Languages: French

★12-15 in Language courses, chosen from AUFRE 101, 102, 201, 202, 222, 301, 310, 311, 317, 402.

★3-6 in Literature/Culture, chosen from AUFRE 305, 306, 331, 332, 333, 341, 342, 355, 370, 380, 391, 393, 403, 496, 497, 498, 499.

**Note:** 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.

★3-6 in Literature/Culture, chosen from AUGER 231, 233, 236, 238, 321, 322, 351, 361, 371, 401, 403.

**Note:** Students must take EDSE 370 during the term that falls between 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, 402.

★3-6 in Literature/Culture, chosen from AUSPA 230, 231, 238, 239, 240, 338, 339, 340, 403.

**Note:** Students must take EDSE 370 during the term that falls between 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; AUPOL 221.

★6 World Studies chosen from AUHIS 104, 105, 201, 202, 250, 251, 260, 322, 323, 325, 337, 338; AUPOL 240, 241, 248, 324, 327, 341, 345, 348, 422, 424; AUSOC 218, 391; AUCRI 422.

★6 Cultural Studies chosen from AUSOC 101, 103, 105, 222, 225, 275, 358, 377; AUIDS 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 (★0-18)

★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

### 52.9.4 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.

### 52.9.5 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.

### 52.9.6 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 BA and BSc 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.

### 52.10 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 (\$22.2.3) 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](http://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.
  - c. Two of 215, 365, 367/467, 371.

- (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, must be substituted.

## **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 §16.3 for Admission Requirements.

#### **I. Requirements**

- (1) ★6 AUBIO 111 and 112 (integrative biology).
- (2) ★12 AUBIO 230, 253, 260, 280 (molecular cell biology, ecology, genetics, and biochemistry).
- (3) ★3 from AUBIO 323, 394, 395, 397 (function).
- (4) ★3 AUBIO 338 or 438 (development).
- (5) ★3 AUBIO 390, 413, or 495 (evolution).
- (6) ★3 AUBIO 411 (history and philosophy of biology).
- (7) ★12 additional AUBIO.
- (8) At least 6 of the credits in requirements (4)–(7) must be at the 400-level.
- (9) Supporting courses: ★6 in chemistry: AUCHE 110 and 250.

#### **The BSc in Biology requires the following additional supporting courses:**

- a. ★3 AUCHE 112.
- b. ★3 AUMAT (excluding AUMAT 107).
- c. ★3 AUSTA 215.

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

#### **II. Additional information for students**

- (1) A student considering a professional career in biology upon completion of the degree is advised that membership in the Alberta Society of Professional Biologists requires the completion of a biology degree program that includes 25 full-term courses (★75) in science courses, including at least 15 courses (★45) in biological sciences (biology, botany, ecology, microbiology, zoology, etc.), of which at least 4 courses (★12) are at the 300- or 400-level.

- (2) A student interested in a profession within the health sciences (medicine, veterinary medicine, optometry, etc.) should enrol in the BSc, consider as well a minor in Chemistry plus ★3 in Mathematics; and take English as his or her literature course in the first year. The student should check with professional schools of interest for specific courses required for admission.

- (3) Recommended course for a student interested in botany: AUBIO 323.

- (4) Recommended courses for a student interested in invertebrate zoology: AUBIO 350, 390, 394, 413, 459.

- (5) Recommended courses for a student interested in vertebrate zoology: AUBIO 350, 390, 395, 397, 413, 495.

- (6) Recommended options include Chemistry, Mathematics, and Physics.

- (7) AUPHI 350 and 355 are highly recommended.

- (8) Plans for taking AUBIO 318, 319, 418, or 419, should be discussed with the Department Chair or Academic Advisor in the year preceding registration in the course.

- (9) Many senior Biology courses are offered only in alternate years.

## **III. Recommended first-year program**

- (1) **Required courses:** ★6 AUBIO 111 and 112 and ★3 AUCHE 110.

- (2) Required courses in the BSc (these may be replaced with options in the BA).
  - a. ★3 AUCHE 112.
  - b. ★3 Mathematics.

- (3) Recommended courses
  - a. ★3 Mathematics.
  - b. ★6 Literature.

### **53.2.2 Minor in Biology**

#### **I. Requirements**

- (1) ★3 from AUBIO 111 or 112.
- (2) ★9 in senior level AUBIO.
- (3) ★3 in AUBIO at the 300- or 400-level.
- (4) 3 additional credits in AUBIO.

## **53.3 Chemistry**

### **53.3.1 Major in Chemistry**

A student may choose a BA or BSc in Chemistry. See §16.3 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 advanced topics in Chemistry: AUCHE 405, 450, 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.

**Note:** The BSc requires AUCHE 277 as one of the options in (7) above and requires additional supporting courses: ★3 AUMAT 112 and ★6 AUPHY.

#### **II. Additional information for students**

- (1) Students interested in a graduate degree in Chemistry (i.e., MSc, PhD) should enrol in the BSc program and take more than the minimum required credits (in total and at the 400-level).
- (2) ★3 in Statistics are recommended. Some senior courses are offered in alternate years.
- (3) Plans for taking a Chemistry project course should be discussed with the Department Chair in the year prior to registering in the course.

- (4) A student is advised to take the Mathematics supporting courses early in his/her program. Note that AUMAT 110, 111, or 116 is a recommended corequisite for AUCHE 220 and 222 is required for AUCHE 279; that AUMAT 211 is a recommended corequisite for AUCHE 277 and a required prerequisite for AUCHE 377; and that AUMAT 120 is a required prerequisite for AUCHE 430.

### **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 110 and 120.

### **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 §16.3 for Admission Requirements.

#### **I. Requirements**

- (1) **General Stream**
  - a. AUCSC 111 and 112.
  - b. AUCSC 220, 250, 310, 370.
  - c. ★6 from AUCSC 320, 330, 350, 380.
  - d. AUCSC 490.
  - e. ★15 additional senior credits in Computing Science, including at least an additional ★3 at the 400-level (other than AUCSC 401 and 402).
  - f. Supporting courses: ★12 AUMAT including AUMAT 110 or 111 or 116, AUMAT 120, 250, and ★3 AUSTA.
- (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 112 requires AUMAT 110 or 111, or 116 and 120 as corequisites.
- (2) AUCSC 340 requires AUMAT 211 as a prerequisite, which in turn requires AUMAT 112 as a prerequisite.
- (3) At least ★3 in Physics is recommended.
- (4) Many senior Computing Science courses are offered in alternate years only. Some 300- and 400-level Computing Science courses are offered only if there is sufficient student demand.
- (5) AUCSC 401 and 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 111 and 112.
  - b. ★6 AUMAT 110 or 111, or 116, and 120.

### **53.5.2 Minor in Computing Science**

#### **I. Requirements**

- (1) AUCSC 111 and 112.
- (2) 12 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 §16.3 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, 111 or 116, and AUSTA 153.

#### **II. Additional information for students**

- (1) AUECO 101 and 102 should be taken in the first year.
- (2) AUMAT 110, 111, or 116 should be taken in the first year.
- (3) A student considering graduate work in Economics is advised to take AUMAT 110, 111 or 116, 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, or 116.
  - 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 from 102, 103, 104.
- (2) ★6 Medieval and Renaissance Literature (AUENG 221, 225, 230, 231, 233, 239, 321, 325, 330, 331, 333, 339, 410);
- (3) ★3 Eighteenth-Century or Nineteenth-Century British Literature (AUENG 241, 243, 252, 254, 255, 341, 343, 351, 352, 354, 355);
- (4) ★6 Canadian, U.S., Aboriginal/Indigenous, World Literature in English (AUENG 207, 208, 270, 271, 280, 281, 307, 308, 370, 371, 380, 381, 385);
- (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) ★6 AUENG 102, 103, 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 §16.3 for Admission Requirements.

#### I. Requirements

- (1) ★12 in environmental studies (AUECO 341, AUENV 120, 324, 341, 421, AUGE 120, 324, 421).
- (2) ★3 in ecology (AUBIO 253).
- (3) ★3 in earth science (AUGEO 230 or 231).
- (4) ★6 in environmental perspectives (AUENG 268, 269, 327, 368, 369, AUENV 268, 269, 327, 328, 344, 345, 355, 358, 368, 369, 375, 458, 475, AUHIS 375, 475, AUPHI 355, AUPOL 328, AUPSY 344, AUREL 345, AUSOC 358, 458).
- (5) ★3 in applied environmental studies (AUBIO 322, 334, 350, 354, 459, AUECO 449, AUENV 252, 320, 322, 334, 335, 350, 354, 420, 425, 459, AUGEO 218, 320, 334, 420, 425).

- (6) ★6 overlapping credits at the 400-level from the courses listed in requirements (1), (4)-(5) and (7).

- (7) Additional non-overlapping credits:

#### For the BSc in Environmental Science:

- a. ★3 in outdoor experience or practica (AUBIO 334, 459, AUENV 132, 232, 260, 334, 459, AUGEO 132, 232, 334, 343, AUIDS 260, AUPED 184, 285, 286, 388).
- b. ★6 from the following:  
AUBIO 222, 320, 321, 323, 423 (plants and ecology);  
AUBIO 274 (microbiology);  
AUBIO 294, 341, 343 (insects and ecology);  
AUBIO 355 (ecological dynamics);  
AUBIO 390, 395, 397, 495 (vertebrates and behaviour);  
AUBIO 351, AUGEO 351 (biogeography);  
AUBIO 413 (evolutionary ecology);  
AUCHE 220 (analytical chemistry)  
AUENV 201, 301, 401, (environmental science reading and project);  
AUENV 252 (wildlife biodiversity);  
AUENV 327 (environmental education);  
AUBIO 334, AUENV 334, AUGEO 334 (field studies);  
AUENV 334, AUGEO 334 (field studies);  
AUGEO 218 (geographic information systems);  
AUGEO 230, 231 (earth science);  
AUMAT 332 (mathematical ecology).
- c. An additional ★6 in applied environmental studies from (5) above

#### For the BA in Environmental Studies (General stream):

- a. An additional ★6 in environmental perspectives from (4) above.
- b. An additional ★6 in applied environmental studies from (5) above and/or from the following:  
AUBIO 222, 320, 321, 323, 423 (plants and ecology);  
AUBIO 274 (microbiology);  
AUBIO 294, 341, 343, (insects and ecology);  
AUBIO 334, AUENV 334, AUGEO 334 (field studies);  
AUBIO 355 (ecological dynamics);  
AUBIO 390, 395, 397, 495 (vertebrates and behaviour);  
AUBIO 351, AUGEO 351 (biogeography);  
AUBIO 413 (evolutionary ecology);  
AUCHE 220 (analytical chemistry)  
AUENV 201, 301, 401, (environmental science reading and project);  
AUENV 202, 302, 402 (environmental studies reading and project course);  
AUENV 233, AUGEO 233 (soil science),  
AUENV 252 (wildlife biodiversity);  
AUENV 327 (environmental education);  
AUGEO 230, 231 (earth science);  
AUMAT 332 (mathematical ecology).
- c. ★3 in outdoor experience or practica (AUBIO 334, 459, AUENV 132, 232, 260, 334, 459, AUGEO 132, 232, 334, 343, AUIDS 260, AUPED 184, 285, 286, 388).

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

- a. ★3 of AUPED 184 or 285.
- b. ★3 of AUGEO 343, AUPED 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 109, 125, 134, 209, 225, 270, and 326.
- (8) Supporting courses:  
★3 AUECO 101.  
★3 AUSTA 215.  
**The BSc in Environmental Science requires additional supporting courses:**  
★6 Chemistry.  
★3 Mathematics (excluding AUMAT 107).  
★6 Physics.

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

### **III. Recommended first-year program**

- (1) Required courses for all streams
  - a. ★3 AUECO 101.
  - b. ★3 AUENV 120 or AUGEO 120.
- (2) For the BSc stream, additional required courses:
  - a. ★6 AUCHE 110, 112.
  - b. ★3 Mathematics.
  - c. ★6 Physics.
- (3) For the BA general stream, additional recommended courses:
  - a. ★3 AUREL 100.
  - b. ★3 AUPSY 102.
- (4) For the BA outdoor education stream, additional required courses:
  - a. ★3 AUPED 184.
  - b. ★3 AUBIO 130 or AUPED 112.

### **53.9.2 Minor in Environmental Studies**

#### **I. Requirements**

- (1) ★3 of AUENV 120, AUGEO 120.
- (2) ★3 of AUBIO 253.
- (3) ★3 in environmental analysis (AUECO 341, AUENV 324, 341, 421, AUGEO 324, 421).
- (4) ★3 in earth science (AUGEO 230 or 231).
- (5) ★3 of applied environmental studies (AUBIO 322, 350, 354, 359, 450, 459, AUECO 449, AUENV 252, 320, 322, 350, 354, 359, 420, 425, 450, 459, AUGEO 218, 320, 354, 420, 425) or outdoor experience or practica (AUBIO 334, 359, 459, AUENV 132, 232, 260, 334, 359, 459, AUGEO 132, 232, 334, 343, AUIDS 260, AUPED 184, 285, 286, 388).
- (6) ★3 in environmental perspectives (AUENG 268, 269, 368, 369, AUENV 268, 269, 327, 328, 344, 345, 355, 358, 368, 369, 375, 458, 475, AUHIS 375, 475, AUPHI 355, AUPOL 328, AUPSY 344, AUREL 345, AUSOC 358, 458).

## **53.10 Geography**

### **53.10.1 Minor in Geography**

#### **I. Requirements**

- (1) AUGEO 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 3 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 Faculty 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**

Augustana Faculty courses eligible for inclusion in a Canadian Studies minor: AUART 223; AUCRI 200, 222, 225, 253, 322, 353, 422; AUECO 251, 346; AUENG 280, 281, 380, 381; AUENV 320, 375, 420, 475; AUFRÉ 331, 332, 333; AUGDS 124, 125, 224, 225, 324, 325; AUGEO 320, 341, 420; AUHIS 260, 261, 262, 271, 366, 369, 372, 375, 378, 475; AUPED 368, 469; AUPOL 221, 253, 322, 325, 327, 345, 353, 422; AUPSY 346; AUSOC 103, 105, 200, 222, 225, 263.

### **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) AUCRI 160 or AUIDS 160.
- (2) ★3 from AUPHI 180, AUPOL 104, AUPSY 102, AUSOC 101, 103, 105.
- (3) ★9 senior credits in Crime and Community or the cross-listed equivalents.
- (4) ★3 from AUHIS 271, 369, AUPHI 260, AUPOL 221, 325, 349, AUPSY 240, 256, 263, 348, 477, AUREL 348, AUSOC 263, 271, 275, 393.

## II. Additional information for students

- (1) A student pursuing employment in this area is strongly encouraged to acquire language skills in French and/or Cree.
- (2) A student wishing to pursue graduate studies in a related area should contact the coordinator of Crime and Community in the Social Sciences Department for program advice.
- (3) Some courses are not offered every academic year. Further details about individual courses may be found in §231 under the respective disciplines.

### 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.

#### 53.12.3.1 Major in Interdisciplinary Studies - Global and Development Studies

##### I. Requirements

- (1) ★3 from AUGDS 103, AUPOL 103.
- (2) ★3 AUSOC 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 both):
  - a. Business & Economics: AUECO 101, 102, 251, 252, 254, 341, 346, 364, 480, AUMGT 100, 200, 320, 340.
  - b. Rural Studies: AUGDS 222, 223, 224, 225, 322, 323, 324, 325, AUPOL 228, AUSOC 263.
  - c. Environment: AUENV 120, 260, 268, 320, 324, 327, 328, 334, 344, 345, 358, 368, 375, 420, 421, 475 or cross-listed equivalents.
  - d. Gender: AUENG 202, 266, 268, 292, 302, 366, 368, 392, AUENV 268, 368, AUGER 293, AUHIS 271, AUIDS 230, 384, 385, AUMUS 321, 421, AUPED 266, AUPOL 355, AUSCA 221, AUSOC 275, 279, 377, AUSPA 253.
  - e. International Relations: AUPOL 240, 241, 248, 341, 343, 344, 348, 349, 411, 443, 444, AUSOC 393.
  - f. Philosophy, Religion & Culture: AUPHI 290, 355, 392, AUPOL 455, AUPSY 442, AUREL 260, 263, 266, 270, 271, 272, 345, 348, AUSOC 262.
  - g. Engagement & Social Change: any AUCSL course, AUPED 290, 383, 389, AUSOC 218, 222, 263, 267, 341, 367, 371, 391, 393.
  - 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) The ★42 required in I. above represent the minimum. Up to ★60 from the courses listed above may be used to count on the major. Those seeking to enter graduate school are encouraged to take the maximum.
- (2) Global and Development Studies is an interdisciplinary program that requires the completion of a selection of courses from a variety of disciplines. Some of these courses have junior prerequisites, which should be taken in the student's first year. Some courses have senior pre- or corequisites. Further details about individual courses may be found in §231.
- (3) While participation in international programs is highly encouraged, it is possible to satisfy all the requirements locally or within Canada. It is strongly encouraged that a student who stays in this region find a cultural experience different from their own background, whether on a First Nation's reserve or in the Inner-city or in a rural community.
- (4) Many senior courses are offered in alternate years only.

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

##### I. Requirements

- (1) ★3 from AUGDS 103, AUPOL 103.

- (2) ★3 AUSOC 105.

- (3) ★12 in from one of the following areas of specialization, with at least ★3 at the 300- to 400-level:
  - a. Business & Economics: AUECO 101, 102, 251, 252, 254, 341, 346, 364, 480, AUMGT 100, 200, 320, 340.
  - b. Rural Studies: AUGDS 222, 223, 224, 225, 322, 323, 324, 325, AUPOL 228, AUSOC 263.
  - c. Environment: AUENV 120, 260, 268, 320, 324, 327, 328, 334, 344, 345, 358, 368, 375, 420, 421, 475 or cross-listed equivalents.
  - d. Gender: AUENG 202, 266, 268, 292, 302, 366, 368, 392, AUENV 268, 368, AUGER 293, AUHIS 271, AUIDS 230, 384, 385, AUMUS 321, 421, AUPED 266, AUPOL 355, AUSCA 221, AUSOC 275, 279, 377, AUSPA 253.
  - e. International Relations: AUPOL 240, 241, 248, 341, 343, 344, 348, 349, 411, 443, 444, AUSOC 393.
  - f. Philosophy, Religion & Culture: AUPHI 290, 355, 392, AUPOL 455, AUPSY 442, AUREL 260, 263, 266, 270, 271, 272, 345, 348, AUSOC 262.
  - g. Engagement & Social Change: any AUCSL course, AUPED 290, 383, 389, AUSOC 218, 222, 263, 267, 341, 367, 371, 391, 393.
  - h. Individualized: at least ★12 in a well defined interdisciplinary area of Global and Development Studies approved by the Chair of Social Science.

- (4) ★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).
- (5) 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) Global and Development Studies is an interdisciplinary program that requires the completion of a selection of courses from a variety of disciplines. Some of these courses have junior prerequisites, which should be taken in the student's first year. Others have no junior prerequisites but may not be taken in first year by virtue of being senior courses (having course numbers of 200 or higher). Some courses have senior pre- or corequisites, either in addition to or instead of junior prerequisites. Further details about individual courses may be found in §231.
- (2) 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 Gender and Women's Studies

Gender and Women's Studies is an interdisciplinary program that requires the completion of a selection of courses from a variety of disciplines. Courses that are eligible to be taken as part of a Gender and Women's Studies minor are listed below. A student should consult an Augustana Faculty Academic Adviser for assistance in planning a Gender and Women's Studies program. Further details about individual courses may be found in §231 under the respective disciplines.

##### I. Requirements

- (1) AUIDS 230.
- (2) 15 additional senior credits in Gender and Women's Studies.

##### II. Additional information for students

- (1) Augustana Faculty courses eligible for inclusion in a Gender and Women's Studies minor: AUCRI 453; AUENG 202, 207, 266, 302, 307, 366, 368, 392, 420; AUGER 293; AUHIS 271; AUIDS 230, 384, 385; AUMUS 321, 421; AUPED 266; AUPOL 355, 453; AUPSY 338; AUSOC 275, 377; AUSCA 221 (others may be available each year, check with an Augustana Academic Adviser).
- (2) Selected Topics and Directed Readings courses may be offered each year that will be appropriate for this minor. Consult an Augustana Academic Adviser for information.

## 53.13 Management

Augustana Faculty offers a Bachelor of Management in Business Economics (BMgt) degree. More information on the BMgt is available in §52.6.

**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) AUMGT 100 and 200.
- (2) AUECO 480.
- (3) 9 additional senior credits from AUACC 311, 322, AUMGT 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 §16.3 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 includes AUMAT 211 as a recommended 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 §16.3 for Admission Requirements.

#### I. Requirements

- (1) ★48-60 chosen from two of the following four areas:
  - a. AUFRE 201 and 202.  
AUFRE 301.  
★12-18 additional senior credits in French, including at least ★9 at the 300- or 400-level (★3 of the aforementioned must be at the 400-level).
  - b. AUGER 201 and 202, or 200.  
AUGER 301 and 302, or 300.  
★9-15 additional senior in German, including at least ★9 at the 300- or 400-level, (★3 of the aforementioned must be at the 400-level), only ★3 of the total German credits may be literature in translation.
  - c. AUSCA 101 and 102.  
AUSCA 201 and 202.  
★9-15 additional senior credits in Scandinavian Studies, including at least ★9 at the 300- or 400-level (★3 of the aforementioned credits must be at the 400-level).
  - d. AUSPA 101 or 103 and 102 or 104.  
AUSPA 201 or 203 and 202 or 204.  
★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).
- (2) 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.

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

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

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

- (4) A French student is strongly encouraged to take AULAT 101 and 102.
- (5) Other recommended courses:  
AULAN 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.
- (4) A student with a minor in French is encouraged to take advantage, at the end of the first year, of the Summer Language Bursary Program offered by the Government of Canada.
- (5) A student with a minor in French is encouraged to take advantage of the Perpignan Program which could enable the third year to be taken abroad.
- (6) Many senior French courses are offered in alternate years only.

## 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 §52.7.

### 53.16.2 Major in Music

#### I. Admission Requirements

See §16.3. 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 and Humanities, 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 and Humanities.
- (4) Applied music (instrumental/vocal lessons) and ensemble courses: ★9 (with at least ★4 in each category).
- (5) Music options: a minimum of ★7.5.
- (6) AUMUS 497 or ★3 from AUMUS 420, 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.
- (8) A passing grade in the Keyboard Skills Proficiency Examination (KSPE). See Music Handbook for details.
- (9) Successful completion of the Recital Attendance Requirement (RAR). Every student is required to attend a minimum of 10 recitals or concerts held at Augustana each year, with a minimum of 40 required for graduation.

#### 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) Recommended 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 497 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

#### Major in Philosophy and Religion: General Stream

#### 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, 340, 355, AUREL 212, 216, 257, 263, 266, 270-72, 345, 348.
- (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.

#### Major in Philosophy and Religion: Philosophy Stream

#### I. Requirements

- (1) ★6 in AUREL 100 and one of AUPHI 101 or 102 or AUPHI 180.
- (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, 340, 355, AUREL 212, 216, 257, 263, 266, 270-72, 345, 348.
- (5) 9 additional senior credits in AUPHI, non-overlapping with (4).
- (6) 3 additional senior credits in AUREL or AUPHI 250, 357 or 358.
- (7) ★6 additional senior credits in AUREL or AUPHI.
- (8) ★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, 368, 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 AUPAC 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, 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 184.

**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) 12 additional credits at the 300- or 400-level of which at least ★6 must be at the 400-level.
- (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 of a second language.

**53.19.2 Minor in Political Studies****I. Requirements**

- (1) AUPOL 103 and 104.
- (2) ★3 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 §16.3 for Admission Requirements.

**I. Requirements**

- (1) AUPSY 101 and 102.
- (2) AUPSY 213.
- (3) ★6 from AUPSY 220, 240, 256 (social/personality/developmental).
- (4) ★6 from AUPSY 263, 267, 275 (cognition/perception/physiological).
- (5) AUPSY 313.
- (6) AUPSY 408 or 409.
- (7) 15 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 213 and the chosen/required 200-level courses, in the second year.
- (2) AUPSY 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, 497, and 499 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 346, 377 or 477, 382, 488.
- (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, 369, 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 from AUPSY 220, 240, 256 (social/personality/developmental).
- (3) ★3 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) AUPSY 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 §54.1).

## 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 as follows:

- (1) ★12 of writing instruction:  
AUENG 103 and 104 (★6)  
One of AUENG 212, 215 or 312 (★3)  
One of AUIDS 242 or 244 (★3).
- (2) ★18 in courses designated as "writing intensive" according to the following criteria
  - at least 3,000 words of assigned writing,
  - at least 50% of the course grade based on writing assignment including but not limited to essays, journals, lab manuals, and exams/quizzes that are graded and returned to the student,
  - substantial revision of writing/staged writing assignments through faculty and/or peer review,
  - class time devoted to instruction in writing in the discipline.

Courses eligible for inclusion in this requirement are as follows: AUART 381; AUBIO 253, 350, 390, 413, 459; AUDRA 384; AUENG 202, 205, 207, 230, 268, 270, 271, 280, 281, 292, 302, 305, 307, 314, 317, 319, 330, 368, 370, 371, 380, 381, 392; AUENV 350, 459; AUGDS 427, 428; AUHIS 190, 260, 361, 463, 480; AUIDS 270; AUMGT 330; AUPHI 102, 200, 210, 340, 350, 355, 365; AUPOL 310; AUPSY 471; AUSCA 221, 237, 241, 251, 261, 271.

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

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

This certificate is awarded upon graduation.

## 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 §16.3.7(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 §§23.4 and 23.5.

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

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

## 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](http://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 ★9 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.

### 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 Learning~Advising~Beyond Office. Certain academic standing decisions made by the Augustana Faculty Academic Appeals Committee may be appealed to the General Faculties Council Academic Appeals Committee. See §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 (AUBIO)
- Chemistry (AUCHE)
- Classical Studies (AUCLA)
- Community Service Learning (AUCSL)
- Computing Science (AUCSC)
- Crime and Community (AUCRI)
- Drama (AUDRA)
- Economics (AUECO)
- Education Field Experience (AUEFX)
- Educational Computing (AUEDC)
- Educational Psychology (AUEPS)
- English (AUENG)
- English for Academic Purposes (AUEAP)
- Environmental Studies (AUENV)
- French (AUFRE)
- Geography (AUGEO)
- German (AUGER)
- Global and Development Studies (AUGDS)
- Greek (AUGRE)
- History (AUHIS)
- Interdisciplinary Studies (AUIDS)
- Language Studies (AULAN)
- Latin (AULAT)
- Management (AUMGT)
- Mathematics (AUMAT)
- Music (AUMUS)
- Philosophy (AUPHI)
- Physical Activity (AUPAC)
- Physical Education (AUPED)
- Physics (AUPHY)
- Political Studies (AUPOL)
- Psychology (AUPSY)
- Religion (AUREL)
- Scandinavian Studies (AUSCA)
- Sociology (AUSOC)
- Spanish (AUSPA)
- Statistics (AUSTA)
- World Literatures (AULIT)

## 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 (AUCHE).
  - c. all Computing Science (AUCSC).
  - d. Economics (AUECO) 206, 309, 311, 449.
  - e. Environmental Studies (AUENV) 120, 132, 201, 210, 232, 233, 252, 261, 301, 320, 322, 324, 334, 335, 350, 353, 354, 359, 401, 420, 421, 425, 450, 459.
  - f. Geography (AUGEO) 120, 132, 210, 218, 230, 231, 232, 233, 301, 320, 324, 334, 342, 351, 354, 401, 420, 421, 425.
  - g. Interdisciplinary Studies (AUIDS) 271, 273, 275, 277, 279, 371, 373, 375, 377, 379, 380, 381, 383, 385.
  - h. Management (AUMGT) 206.
  - i. all Mathematics (AUMAT).
  - j. Physical Education (AUPED) 112, 215, 216, 232, 251, 314, 317, 343, 344, 374, 375, 393, 414, 497.
  - 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.

- e. Environmental Studies (AUENV) 202, 260, 302, 327, 328, 341, 344, 358, 375, 402, 458, 475.
  - f. Geography (AUGEO) 150, 242, 302, 341, 402.
  - g. all Global and Development Studies (AUGDS).
  - h. all History (AUHIS).
  - i. Interdisciplinary Studies (AUIDS) 121, 160, 221, 230, 250, 260, 292, 384.
  - j. all Language Studies (AULAN).
  - k. Management (AUMGT) 323, 360, 422.
  - l. Philosophy (AUPHI) 240, 241, 340.
  - m. all Physical Education (AUPED) except 112, 215, 216, 232, 251, 275, 314, 317, 343, 344, 374, 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. Religion (AUREL) 260, 266.
  - q. Scandinavian Studies (AUSCA) 231.
  - r. Spanish (AUSPA) 240, 241, 250, 251, 252, 253, 340, 341.
  - s. all Sociology (AUSOC).
- (3) The following courses are classified as Humanities courses (and for the purposes of the BA are also categorized as Arts courses).
- 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).
  - f. Environmental Studies (AUENV) 268, 269, 345, 355, 368, 369.
  - g. all French (AUFRE).
  - h. all German (AUGER).
  - i. all Greek (AUGRE).
  - j. Interdisciplinary Studies (AUIDS) 300, 310, 311, 340, 382.
  - k. all Latin (AULAT).
  - l. all Philosophy (AUPHI) except 240, 241, 340, 366.
  - m. all Religion (AUREL) except 260, 266.
  - n. all Scandinavian Studies (AUSCA) except 231.
  - o. all Spanish (AUSPA) except 240, 241, 250, 251, 252, 253, 340, 341.
  - p. all World Literature (AULIT).
- (4) The following courses are classified as Fine Arts courses (and for the purposes of the BA are also categorized as Arts courses).
- 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 §§52.4(3) and 52.4(4)].
- (6) All other courses not identified in (1) to (5) above are classified as Arts courses.