

Augustana Faculty

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50 Augustana Faculty

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

Identity and Mission

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

Augustana Faculty is characterized by a lively, collegial academic culture of research, creativity, and public engagement in which students are invited to participate. It values interdisciplinary inquiry, teaching, and learning. Augustana offers the opportunity of a memorable, life-changing education through small classes, personal attention from professors, a challenging, innovative curriculum founded on the liberal arts and sciences, experiential learning in a 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

RI Epp, PhD

Associate Dean, Academic Programs

HVS Prest, PhD

Associate Dean, Teaching and Research

PF Marentette, PhD

Assistant Dean, Administration

D Andreassen, LLB

Assistant Dean, External Relations

TE Hanson, BA

Director, Community Education

D Smeaton, BEd

Chester Ronning Centre for the Study of Religion and Public Life

D Goa, BA - Director

H-D Mündel, PhD - Associate Director

Faculty Departments

Fine Arts

Professor and Chair

KB Harder, MVA (Art)

Professors

PE Johnson, MA (Drama)

MR Schlosser, DMus (Music)

Associate Professor

KA Corcoran, MMus (Music)

A-ML Link, PhD (Art)

K Sutley, MFA (Drama)

Assistant Professors

A Carpenter, PhD (Music)

JPH Forrest, MFA (Art)

LA Ries, DMus (Music)

Humanities

Associate Professor and Chair

KI Fordham, PhD (German)

Professors

DW Dahle, PhD (Classical Studies)

PW Harland, PhD (English)

JG Johansen, PhD (English)

PM Merklinger, PhD (Philosophy)

H-D Mündel, PhD (Religious Studies)

HVS Prest, PhD (English)

JO Spencer, PhD (French)

Associate Professors

R Harde, PhD (English)

RD Milbrandt, PhD (English)

IK Urberg, PhD (Scandinavian Studies)

JLC Waschenfelder, PhD

(Religious Studies)

Assistant Professors

VH Fielding, MA (French)

JC Wesselius, PhD (Philosophy)

Science

Professor and Chair

JJJ Mohr, PhD (Computing Science and Music)

Professors

HA Carter, PhD (Chemistry)

WW Hackborn, PhD (Mathematics and Computing Science)

GT Hvenegaard, PhD (Geography)

DG Larson, PhD (Biology)

M Mucz, PhD (Biology)

Associate Professors

M Asfeldt, MSc (Physical Education)

D Audet, PhD (Biology)

NC Haave, PhD (Biology)

GM Lotz, PhD (Physics and Mathematics)

Assistant Professors

IR Blokland, PhD (Physics and Mathematics)

SL Gares, PhD (Biology)

GA Hood, PhD (Environmental Science/Studies)

JK Kariuki, PhD (Chemistry)

J Sylvestre, PhD (Mathematics)

Social Sciences

Professor and Chair

J Mouat, PhD (History)

Professor and Associate Chair

TW Parker, PhD (Psychology)

Professors

RI Epp, PhD (Political Studies)

Associate Professors

YM Becker, MA (Physical Education)

Y Fahmy, PhD (Economics)

KC Hatt, PhD (Sociology)

SL Lorenz, MA (Physical Education)

VA Manaloor, PhD (Economics)

PF Marentette, PhD (Psychology)

M Méthot, PhD (History)

P Mirejovsky, PhD (History)

GB Osborne, PhD (Sociology)

R-V Palo, MSc (History)

GD Snydermiller, MSc (Physical Education)

Assistant Professors

WM Foster, PhD (Management)

RT Kell, PhD (Physical Education)

TH Milbrandt, PhD (Sociology)

SE Moore, PhD (Psychology)

R Purc-Stephenson, PhD

(Psychology)

SC Rein, PhD (Political Studies)

SC Wilton, PhD (Political Studies)

Additional Members of Faculty Council

President and Vice-Chancellor

IV Samarasekera, O.C.

Registrar of the University

Administrative Officers

B Anderson

CA Blades, CEFM

MG Chytracek

JD Hawkins, MA

D Kilarski, STM

DG Swanson, BSc

BN Vall, MMFTh

Head Librarian - Augustana

NE Goebel, MLIS

Reference Librarian

PJ Neff, MLIS

Augustana Chaplain

CE Wentland, MA

Augustana Director of Athletics

G Ryan, M.Kin, ChPC

Nursing

1 Representative

Sessional Staff

2 Representatives – 1 Full-Time,

1 Part-Time

Non-Academic Staff

2 Representatives

Student Representatives

President, Augustana Faculty

Students' Association

4 Additional Representatives,

1 from each academic

department

52 Programs of Study

Augustana Faculty offers four degree programs:

Bachelor of Arts (BA)

Bachelor of Management in Business Economics (BMgt)

Bachelor of Music (BMus)

Bachelor of Science (BSc)

See §15.3 for Admission Requirements and see §53 for Major and Minor Requirements

52.1 Classification of Degree Programs

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

Program Areas with Available Majors and Minors

Areas Available	BA Major	BSc Major	BMgt Major	BMus Major	BA Minor	BSc Minor	BMgt Minor	BMus Minor
Fine Arts								
Art	•				•	•	•	•
Drama	•				•	•	•	•
Music	•			•	•	•	•	
Humanities								
Classical Studies					•	•	•	•
English	•				•	•	•	•
French					•	•	•	•
German					•	•	•	•
Modern Languages	•							
Philosophy					•	•	•	•
Philosophy and Religion	•							
Religion					•	•	•	•
Scandinavian Studies					•	•	•	•
Spanish					•	•	•	•
Science								
Biology	•	•			•	•	•	•
Chemistry	•	•			•	•	•	•
Computing Science	•	•			•	•	•	•
Environmental Science		•						
Environmental Studies	•				•	•	•	•
Geography					•	•	•	•
Mathematics					•	•	•	•
Mathematics and Physics	•	•						
Physics					•	•	•	•
Social Sciences								
Economics	•				•	•		•
History	•				•	•	•	•
Interdisciplinary Studies:								
-Canadian Studies					•	•	•	•
-Crime and Community					•	•	•	•
-Development Studies	•				•	•	•	•
-Individualized					•	•	•	•
-Women's Studies					•	•	•	•
Management - Business Economics		•						
Physical Education	•	•			•	•	•	•
Political Studies	•				•	•	•	•
Psychology	•	•			•	•	•	•
Sociology	•				•	•	•	•

52.2 General Program Information

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

- (1) **Unit of Course Weight:** A unit of course weight indicates the instructional credit assigned to a course and is designated by the symbol after the course number and name. Units of course weight form a part of the degree requirements and are also used to calculate a student's Grade Point Average (GPA).
- (2) **Junior-level Courses :** Courses numbered 100-199.
- (3) **Senior-level Courses :** Courses numbered 200-499.
- (4) **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) **Core Categories** All students in a degree program in the Augustana Faculty, with the exception of those registered in a BMus program, are required to complete a common liberal arts and sciences core curriculum. This core comprises six different categories, each of which has varying requirements and sub-categories; see §52 – Augustana Chart 1. These categories, and commonly used abbreviations for each, are: Civilization and Culture (CC); Identity and Values (IV); Expressions of Human Experience (EHE); Second Language (SL); Natural and Mathematical Sciences (NMS); and Social Sciences (SS).

Augustana Chart 1 Core Requirements

Students must select 30 credits from Group A:

Civilization and Culture (CC)

Select up to ★12 with no more than ★6 in any of the first four categories and including no more than ★3 in category (5):

- (1) Foundations of Western Civilization – choose from: AUART 101, 102, 221, 222, 223, 287, 289, 366, 380, 480; AUBIO 311, 411; AUCLA 100, 102, 221, 222, 223, 224, 310; AUDRA 101, 201; AUECO 215, 257, 258; AUENG 103, 104, 211, 301, 311; AUFRE 305, 306, 307, 308; AUGEO 242; AUGER 231, 233, 236, 238; AUHIS 104, 201, 202, 203, 204, 207, 208, 212, 329, 333; AIDS 300, 310, 311, 340, 380, 381; AUMAT 380, 480; AUMUS 224, 225, 226, 227, 229, 321, 322, 327, 329, 369, 376, 421, 422, 469, 476; AUPED 262; AUPHI 101, 102, 200, 250, 290, 311, 336, 366; AUPHY 380, 480; AUPOL 210, 211, 312, 412; AUREL 235, 241, 282, 335; AUSCA 231; AUSOC 232, 233, 271, 371.
- (2) African, Asian, Latin American, or Native Peoples' Studies – choose from: AUDRA 345; AUECO 252, 254; AUENG 207, 208, 307, 308; AUHIS 105, 291, 369; AIDS 121, 122, 123, 221, 222, 223, 292, 322, 323; AULIT 201, 202; AUMUS 170, 223, 368, 468; AUPHI 392; AUPOL 239, 325, 341; AUPSY 442; AUREL 260, 266, 283, 384; AUSOC 105, 279, 391; AUSPA 230, 231, 238, 239, 240, 241, 250, 251, 252, 253, 340, 341.
- (3) Canadian Studies – choose from: AUART 223; AUCRI 200, 222, 225, 327, 353, 422, 427; AUDRA 310; AUECO 251, 325, 333; AUENG 280, 281, 380, 381; AUENV 320, 328, 375, 420, 475; AUFRE 331, 332, 333; AUGEO 320, 341, 342, 420; AUHIS 260, 261, 262, 271, 360, 366, 368, 369, 372, 375, 378, 379, 460, 470, 475, 479; AIDS 124, 125, 224, 225, 324, 325; AUMUS 320, 420; AUPED 368, 469; AUPOL 221, 228, 324, 325, 327, 328, 345, 353, 422, 424; AUPSY 346; AUSOC 200, 222, 225, 263, 327, 427.
- (4) Integrative Studies – choose from: AUART 365, 366, 367, 467; AUDRA 367, 467; AUECO 252, 254, 314; AUENG 351; any AIDS; AUMUS 367, 467; AUPHI 365, 366; AUREL 260, 266; AUSPA 240, 241, 250, 340, 341.
- (5) Theoretical Foundations of Science – choose from: AUBIO 311, 411, 485; AUCE 485; AUENV 421; AUGEO 421; AIDS 381, 382, 383, 384, 385; AUMAT 380, 480; AUPHI 350; AUPHY 380, 480; AUPSY 408, 409.

Expressions of the Human Experience (EHE)

Select up to ★6 from either or both of the following categories:

- (1) Creative Arts – choose from: any AUART except 228; any AUDRA except 228, 301, 401; AUENG 215, 314, 316; any AUMUS except 228, 375, 475; AUPHI 365.
- (2) Literary Studies – choose from: AUDRA 310; AUECO 314; any AUENG except 201, 204, 205, 206, 212, 213, 215, 305, 312, 313, 314, 316, 317, 318; AUENV 268, 269, 368, 369; AUFRE 237, 239, 331, 332, 337, 339, 341, 342, 355, 370, 380, 390, 391, 392, 393; AUGER 237, 239, 291, 292, 293, 321, 322, 337, 339, 351, 361, 371; any senior AUGRE except 203, 204; AULIT 201, 202; AUSCA 141, 151, 152, 161, 221, 237, 239, 241, 251, 252, 261, 271, 337, 339, 371, 372, 381, 382; AUSPA 230, 231, 238, 239, 338, 339.

Identity and Values (IV)

Select up to ★12 with no more than ★6 in any of the first three categories and including no more than ★3 in each of categories (4) and (5):

- (1) Religion and Faith Traditions – choose from: AUCLA 102; AUECO 252, 254; AUENG 202, 239, 301, 302, 339; AUENV 345; AUPHI 250, 326, 357, 358, 459; AUPSY 426; Any AUREL except 228; AUSOC 283.
- (2) Ethics – choose from: AUCRI 327, 427; AUCSC 490; AUECO 480; AUENV 355; AIDS 382, 383; AUPED 290; AUPHI 260, 355; AUPOL 349, 449; AUREL 257; AUSOC 283, 327, 427.
- (3) Gender and Sexuality Studies – choose from: AUECO 325; AUENG 202, 266, 268, 292, 302, 366, 368, 392; AUENV 268, 368; AUGER 293; AUHIS 271, 379, 479; AIDS 230, 384, 385; AUMUS 321, 421; AUPED 266; AUPOL 355, AUSCA 221; AUSOC 275, 279, 377; AUSPA 253.
- (4) Environmental Studies – choose from: AUBIO 108, 110, 222, 253, 294, 320, 321, 322, 341, 343, 350, 353, 359, 393, 450, 459; AUECO 341; AUENG 268, 269, 368, 369; AUENV 120, 132, 232, 260, 268, 269, 320, 322, 324, 325, 328, 341, 344, 345, 350, 353, 355, 358, 359, 368, 369, 375, 420, 421, 450, 458, 459, 475; AUGEO 120, 132, 232, 320, 324, 325, 341, 342, 420, 421; AUHIS 375, 475; AIDS 260, 382, 383; AUMAT 332; AUPED 184, 285, 286, 388; AUPHI 355; AUPOL 328; AUPSY 344; AUREL 345; AUSOC 358, 458.
- (5) Lifetime Fitness – choose from: any AUPAC; AUPED 105, 106, 107, 108, 109, 184, 205, 206, 207, 208, 209, 241, 285, 286, 305, 306, 307, 308, 309, 388, 405, 406, 407, 408, 409, 410. A student participating on certain noncredit intercollegiate athletic teams may apply to replace the lifetime fitness core requirement by another ★3 course. Such application must be made to the Associate Dean, Academic Programs, through the Athletics Director before the end of the season for the team(s) involved. Note: AUPED 241 is recommended for a student who is neither participating on intercollegiate athletic teams nor taking outdoor education courses.

Second Language (SL)

Select up to ★6 in one discipline from AUFRE 101, 102, 201, 202, 222, 234, 235, 301, 334, 335, 341, 342; AUGER 101, 102, 200, 201, 202, 235, 300, 301, 302, 334, 335, 400; AUGRE 101, 102; AULAT 101, 102, 203, 204; AUSCA 101, 102, 201, 202, 234, 235, 334, 335; AUSPA 100, 101, 102, 103, 104, 200, 201, 202, 203, 204, 301, 302, 303, 304. A student who

- (1) has used and still uses a first language other than English, or
- (2) demonstrates on an appropriate test proficiency equivalent to a first-year university-level language other than English, may substitute ★6 of options. Any university courses may be selected by qualified students as options in lieu of this requirement, subject to the condition that the student's program includes at least ★6 of Humanities courses. Humanities courses include: any AUART; any AUCLA except 221, 222, 223, 224; any AUDRA; AUEAP 103, 104; any AUENG; AUENV 268, 269, 345, 355, 368, 369; any AUFRE; any AUGER; any AUGRE; AIDS 240, 250, 300, 310, 311, 340, 382; AULAN 200; any AULAT; any AULIT; any AUMUS; any AUPHI; any AUREL; any AUSCA; any AUSPA.

Augustana Chart 1 Core Requirements (cont'd)

In addition, students must select 12 credits from the following two Group B categories (6 credits from each category):

Natural and Mathematical Sciences (NMS)

Select ★6 from either or both of the following categories:

- (1) Life Science – choose from: any AUBIO except 210, 485; AUENV 120, 322, 350, 353, 354, 359, 421, 450, 459; AUGEO 120, 351, 354, 421; AUPED 112, 215, 216, 232, 314; any odd-numbered AUPSY except 207, 213.
- (2) Mathematical and Physical Science – choose from: AUBIO 485; any AUCHE except 210; any AUCSC; AUECO 206, 309, 311; AUENV 132, 232; AUGEO 132, 218, 230, 231, 232; any AUMAT; AUMGT 206; any AUPHY; AUPSY 213; any AUSTA.

Social Sciences (SS)

Select ★6 from the following categories, with at least ★3 in the first category:

- (1) Social, Economic, or Political Systems – choose from: AUCLA 221, 222, 223, 224; AUCRI 200, 222, 224, 225, 327, 353, 422, 427; AUCSL 300; AUDRA 345; any AUECO except 110, 206, 210, 212, 309, 310, 311; AUENG 351; AUENV 328, 341, 358, 375, 458, 475; AUGEO 150; any AUHIS except 190, 285, 380, 480; AUIDS 121, 122, 124, 221, 222, 224, 226, 322, 324, 427, 428; AUMGT 323, 422; AUPED 160, 290, 292, 368, 369; any AUPOL except 201; AUPSY 240, 382; AUREL 260, 266; any AUSOC except 231; AUSPA 240, 251, 252, 253, 340.
- (2) Any Social Science course – choose from: AUCLA 221, 222, 223, 224; any AUCRI; AUCSL 300; any AUECO; AUENV 120, 260, 320, 324, 341, 344, 358, 375, 420, 458, 475; AUGEO 120, 150, 242, 320, 324, 420; any AUHIS; any AUIDS except 300, 310, 311, 340, 380, 381, 382, 383; AUMGT 323, 422; any AUPED except 112, 215, 216, 232, 275, 314; any AUPOL; any AUPSY except 213, 271, 275, 377, 471, 477; AUREL 260, 266; any AUSOC; AUSPA 241, 250, 341.

(11) 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.

(12) 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.

(13) **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.

(14) **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.

(15) **Arts Courses/Options** Courses offered by the Augustana Faculty which are classified as “Arts” courses (see §55.2) for which the student is eligible and which meet degree requirements.

(16) **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.

(17) **Science Courses/Options** Courses offered by the Augustana Faculty which are classified as “Science” courses (see §55.2) for which the student is eligible and which meet degree requirements.

(18) **Specialized Professional Courses** Courses offered by the Augustana Faculty which are classified as neither “Arts” nor “Science” courses (see §55.2) for which the student is eligible and which meet degree requirements.

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

52.4 Bachelor of Arts (BA)

52.4.1 Overview

The Bachelor of Arts degree consists of ★120 arts and science, including at least ★55 arts (see §55.2 Classification of Courses). The ★120 in the program are made up of a liberal arts and sciences core curriculum, a major subject, an optional minor, and options, as follows:

(1) **Liberal arts and sciences core curriculum** (see Augustana Chart 1)

The core requirements are met by taking courses in the following six categories. The same credit may not be counted twice in courses that relate to more than one of these six categories; that is, a total of 48 different credits must be earned in the core.

- ★12 Civilization and culture
- ★12 Identity and values
- ★6 Expressions of the human experience
- ★6 Second language
- ★6 Natural and mathematical sciences
- ★6 Social sciences
- ★48 Total

However, up to ★6 of options may be substituted for the same number of credits in any category or categories of the core EXCEPT the final two categories - Natural and Mathematical Sciences and Social Sciences - provided that the student’s program includes at least ★6 of Humanities (see Augustana Chart 1 - Second Language). Thus, the core requirements may be satisfied by a minimum of 42 different credits.

(2) **Major subject:** ★42-60 in one discipline (with the minimum number of credits specified by the discipline), including no more than ★12 at the junior level (except when required in a discipline with a performance component or in an interdisciplinary program that requires junior courses from several different disciplines) and including a minimum of ★9 at the 300- and 400-level, of which at least ★3 must be at the 400-level. Normally no more than ★60 in one discipline will be credited towards the degree. In some cases, a major may also require courses in one or more disciplines outside the major; these may be prerequisites for specific courses in the major and/or courses supporting the major in a more general way (up to a maximum of ★24).

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

52.3 General Regulations Governing Course Selections

(1) Junior-level courses (numbered 100-199) should be taken as early as possible. A first-year student is normally not permitted to take senior-level courses (numbered 200 and higher).

(2) All programs must include at least ★72 at a senior level.

(3) A limited number of specialized professional courses may be substituted for arts and science courses in a BA or BSc program. The maximum allowed is ★18.

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

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

(6) Each major or minor must consist of a distinct set of courses. No course may be counted toward more than one such area of study. This restriction does not apply to courses listed in the Calendar as “supporting courses.” If

- (3) **Optional minor:** A minimum of ★18 in one discipline or approved interdisciplinary area, including at least ★12 at the senior level.
- (4) **Options:** ★3-21 (or more, depending on the amount of overlap between the core and the requirements for the major, and/or minor) of the student's choice (see §52.3). A student may choose to use options to work toward a minor, or second major but should be aware that a double major normally requires more than ★120 in the degree program.

52.4.2 Residence Requirements

Normally, ★60 for the BA degree, including ★54 of the final ★60, must be taken at Augustana Faculty. However, language or other study abroad may, with special permission of the Associate Dean, Academic Programs, count toward the residence requirement.

52.5 Bachelor of Management in Business Economics (BMgt)

52.5.1 Overview

The four year Bachelor of Management in Business Economics consists of ★120 arts, science and professional (see §55.2 Classification of Courses) including ★69 in the Business Economics program and the credits required for the liberal arts and sciences core. Because of the possibility of overlap between the credits required for the 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:** ★18 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) **Liberal arts and sciences core curriculum** (see Augustana Chart 1)

The core requirements are met by taking courses in the following six categories. The same credit may not be counted twice in courses that relate to more than one of these six categories; that is, a total of 48 different credits must be earned in the core.

- ★12 Civilization and culture
- ★12 Identity and values
- ★6 Expressions of the human experience
- ★6 Second language
- ★6 Natural and mathematical sciences
- ★6 Social sciences
- ★48 Total

However, up to ★6 of options may be substituted for the same number of credits in any category or categories of the core EXCEPT the final two categories - Natural and Mathematical Sciences and Social Sciences - provided that the student's program includes at least ★6 of Humanities courses (see Augustana Chart 1 - Second Language). Thus, the core requirements may be satisfied by a minimum of 42 different credits.

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

52.5.2 Residence Requirements

Normally, ★60 for the BMgt degree, including ★54 of the final ★60, must be taken at Augustana Faculty. However,

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

52.5.3 Program Requirements

See §15.3 for Admission Requirements

- (1) ★18 in Economics Foundation
- a. AUECO 101 and 102.
 - b. AUECO 110, 210, 310.
 - c. AUECO 203 and 204.
 - d. 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 111.
 - b. AUSTA 153.

52.5.4 Additional Information for Students

A student will satisfy the following core requirements through required courses (see Augustana Chart 1): IV(2) (AUECO 480), NMS(2) (AUMAT 110, 111, AUSTA 153), SS(1) (AUECO 101 e.g.). A student can satisfy other core requirements by elective courses: CC(1) (AUECO 215, 257, 258), CC(2) (AUECO 254), CC(3) (AUECO 251, 325, 333), CC(4) (AUECO 254, 314), IV(3) (AUECO 325), IV(4) (AUECO 341), EHE(2) (AUECO 314), SS(2) (any AUECO). Reminder: An individual course may be used to satisfy only one core requirement.

52.5.5 First-Year Program Recommendations

- (1) AUECO 101 and 102.
- (2) AUECO 110.
- (3) AUMGT 100.
- (4) AUMAT 110 or 111.
- (5) AUSTA 153.
- (6) AUENG 103.
- (7) 12 additional credits toward the Augustana core.

52.6 Bachelor of Music (BMus)

52.6.1 Overview

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

52.6.2 Residence Requirement

Normally, ★60 for the BMus degree, including ★54 of the final ★60, must be taken at Augustana Faculty. However,

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

52.6.3 General Information

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

- (1) **Piano** 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 enrolls in third- and fourth-year recital courses, this degree may facilitate entry into performance-based graduate programs as well.
- (4) **Liturgical Arts** A student considering professional employment as a church musician, or considering graduate studies, may designate this major at the end of the second year of full-time studies (or part-time equivalent). The major emphasizes performance-oriented study in organ, piano, or voice, advanced music history and theory, ensembles, and advanced conducting skills. Studies in liturgical arts, work-experience practica, a required minor in Religion, and other courses from the liberal arts and sciences, provide for a scholarly understanding of and a creative approach to ritual.
- (5) **Musical Arts** A student desiring a performance-intensive emphasis in an instrument or voice and wishing to prepare for innovative, emerging research areas and musical professions, would choose this major. It provides for a liberalized curriculum that combines the strong performance emphasis and scholarly breadth of a Bachelor of Music, the requirements for a minor in another discipline, and interdisciplinary research on the relationships between the two disciplines. This is the most unique and "cutting-edge" of the Bachelor of Music majors. A student may apply for this major at the end of two-years - full-time study or part-time equivalent.

52.6.4 Admission Requirements

See §15.3. Each student must complete the Music Theory Placement Exam (MTPÉ); a student who scores lower than 70% must register in AUMUS 100. For further information about entrance into the Music program, contact the Department of Fine Arts, Augustana Faculty.

52.6.5 Program Requirements

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

- (1) **Core Music Requirements (★65)**
A common core of music courses and requirements is required of every student enrolled in the Bachelor of Music program.
 - a. **Student 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 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, 368/468; and one of 320/420, 321/421, 322/422, 367/467.
 - 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 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 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; ★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 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. 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, AUHIS 379/479, AUJDS 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.

52.6.6 Additional Information for Students

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

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

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

Senior music courses are often offered in alternate years only.

52.6.7 Program Recommendations

- (1) Recommended first-year program:
 - a. ★4-6: applied music.
 - b. ★3: ensembles.
 - c. ★7: 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. ★19.5: AUMUS 228, 260, 261, 262, 263, 269; 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. ★9: AUMUS 320/420, 321/421, 322/422, 367/467, or 368/468.
 - b. All additional credits as specified under the Bachelor of Music requirements listed above.

52.7 Bachelor of Science (BSc)

52.7.1 Overview

The Bachelor of Science degree consists of ★120 arts and science, including at least ★66 Science (see §55.2 Classification of Courses). The ★120 in the program are made up of a liberal arts and sciences core curriculum, a major subject, an optional minor, and options, as follows:

- (1) **Liberal arts and sciences core curriculum** (see Augustana Chart 1)

The core requirements are met by taking courses in the following six categories. The same credit may not be counted twice in courses that relate to more than one of these six categories; that is, a total of 48 different credits must be earned in the core.

- ★12 Civilization and culture
- ★12 Identity and values
- ★6 Expressions of the human experience
- ★6 Second language
- ★6 Natural and mathematical sciences
- ★6 Social sciences
- ★48 Total

However, up to ★6 of options may be substituted for the same number of credits in any category or categories of the core EXCEPT the final two categories - Natural and Mathematical Sciences and Social Sciences - provided that the student's program includes at least ★6 of Humanities (see Augustana Chart 1 - Second Language). Thus, the core requirements may be satisfied by a minimum of 42 different credits.

- (2) **Major subject:** ★42-60 in one discipline (with the minimum number of credits specified by the discipline), including no more than ★12 at the junior level (except when required in a discipline with a performance component or in an interdisciplinary program that requires junior courses from several different disciplines) and including a minimum of ★9 at the 300- and 400-

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

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

- (3) **Optional minor:** A minimum of ★18 in one discipline or approved interdisciplinary area, including at least ★12 at the senior level.
- (4) **Options:** ★3-21 (or more, depending on the amount of overlap between the core and the requirements for the major, and/or minor) of the student's choice, (see §52.3). A student may choose to use options to work toward a minor, or second major but should be aware that a double major normally requires more than ★120 in the degree program.

52.7.2 Residence Requirement

Normally, ★60 for the BSc degree, including ★54 of the final ★60, must be taken at Augustana Faculty. However, language or other study abroad may, with special permission of the Associate Dean, Academic Programs, count toward the residency requirement.

52.8 Certificate of Equivalence

Applicants holding an Augustana University College three-year BA or BSc (General) degree may qualify for a certificate indicating they have upgraded their degree to meet the requirements of the four-year University of Alberta, Augustana Faculty, BA or BSc degree. This may be done by completing an additional ★30, or more if required, to meet program requirements in the same area of specialization as that of the three-year degree. Students will also be expected to conform to Augustana Faculty residency requirements. This option is only available to students with a three-year degree from Augustana University College. Students should consult §552 and 53 for the relevant four-year Augustana Faculty program requirements.

To qualify for such a certificate, all program requirements must be completed by April 30, 2011. Applicants must apply for admission to the BA or BSc Certificate by the application deadlines outlined in §12.6 for the degree programs.

52.9 International Programs

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

Students who participate in these programs are assessed a Mandatory Instructional Support Fee (§22.2.3) to offset the additional costs of their program. Students who participate in Augustana Faculty International offerings are subject to Code of Student Behaviour (§26), rules of any host institution, as well as supplementary standards of behaviour outlined in course syllabi and other materials.

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

53 Degree Major/Minor Requirements

53.1 Art

53.1.1 Major in Visual Art

I. Requirements

- (1) AUART 101 and 102.
- (2) AUART 111, and 112 or 113.

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

A student will satisfy the following core requirements through required courses (see Augustana Chart 1): CC(1) (ART 101, e.g.) and EHE(1) (AUART 111, e.g.). One other core requirement (CC(3)) can be satisfied by an elective course in Art (AUART 223). Reminder: An individual course may be used to satisfy only one core requirement.

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 Visual Art

I. Requirements

- AUART 101 or 102.
- AUART 111.
- 12 senior credits in Art.

53.2 Biology

53.2.1 Major in Biology

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

I. Requirements

- ★6 in evolution and cell biology: AUBIO 110 and 130.
- ★9 in cell biology, ecology, and genetics: AUBIO 230, 253, 260.
- ★3 in developmental biology: AUBIO 338.
- ★3 in biological history and theory: AUBIO 411.
- ★21-27 in biology from one of the following three streams:

Integrative Biology stream

- ★6 in biodiversity from AUBIO 222, 274, 294, 295.
- 3 additional credits at the 400-level.
- 12 additional senior credits in Biology, at least ★6 of which must be at the 300- or 400-level.

Cellular and Molecular Biology stream

- ★6 in biodiversity: AUBIO 274 and one of AUBIO 222, 294, 295.
- ★6 in biochemistry: AUBIO 380 and 381.
- ★3 in physiology: AUBIO 327 or 397.
- ★6 in histology, immunology, or molecular genetics from AUBIO 336, 371, 389.
- ★3 in cell physiology or medical microbiology: AUBIO 430, 475.
- ★3 additional senior credits in Biology.

Ecology and Conservation Biology stream

- ★6 in biodiversity from AUBIO 222, 274, 294, 295.
- ★6 in plant ecology (AUBIO 320 or 321, and 413 or 423) and/or animal ecology (AUBIO 343 and 413, or 390 and either 413 or 493, or 393 and 413).

- ★12 non-overlapping from AUBIO 222, 274, 294, 295, 318, 320, 321, 322, 341, 343, 350, 351, 353, 354, 359, 390, 393, 413, 419, 423, 448, 450, 459, 493.
- ★15 overlapping in AUBIO at the 300- and/or 400-level from the courses listed in a – c above, ★3 of which must be at the 400-level.
- ★3 additional non-overlapping senior credits AUBIO.

- (6) ★6 in chemistry: AUCHE 110 and 250.

The BSc in Biology additionally requires

- ★3 AUMAT (excluding AUMAT 107).
- ★3 AUSTA 215.
- ★6 AUPHY.
- ★6 AUCHE 112 and 252.

II. Additional information for students

- Students interested in a graduate degree in Biology (e.g., MSc and/or PhD) should enrol in the BSc streams in Cell and Molecular Biology or Ecology and Conservation Biology.
- A student considering a professional career in biology upon completion of the degree is advised that the Alberta Society of Professional Biologists requires the following courses, in addition to the degree requirements listed above, for membership:
 - ★3 molecular biology (AUBIO 389 - part of Cellular and Molecular Biology stream).
 - ★3 biochemistry (AUBIO 380) or organic chemistry (AUCHE 252) (part of Cellular and Molecular Biology stream).
 - ★6 introductory Physics (required in the BSc).
 - ★3 Mathematics (required in BSc).
- A student interested in a profession within the health sciences (medicine, veterinary medicine, optometry, etc.) should enrol in the BSc specializing in Cellular and Molecular Biology, 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.
- Recommended courses for a student interested in botany: AUBIO 222, 321, 320, 322, 423.
- Recommended courses for a student interested in invertebrate zoology: AUBIO 341, 343, 350/450, 359/459, 390, 413, 448, 493.
- Recommended courses for a student interested in vertebrate zoology: AUBIO 350/450, 359/459, 390, 393, 397, 413, 493.
- Recommended options include Chemistry, Mathematics, and Physics.
- AUPHI 350, 355, AUIDS 380, 381, 382/383, and 384/385 are highly recommended.
- Plans for taking AUBIO 318, 419, 423, 448, 489, or 493 should be discussed with the Department Chair or Academic Advisor in the year preceding registration in the course.
- A student will satisfy the following core requirements through required courses (see Augustana Chart 1): CC(1) or CC(5) (AUBIO 411), NMS(2) (AUSTA 213), IV(4) (e.g., AUBIO 110), NMS(1) (e.g., AUBIO 130). Note: An individual course may be used to satisfy only one core requirement.
- Many senior Biology courses are offered only in alternate years.
- For requirement d. in the cellular and molecular stream above note that AUBIO 295 is a prerequisite to AUBIO 397 and 222 or 253 is a prerequisite to AUBIO 327.

III. Recommended first-year program

- Required courses:** ★6 AUBIO 110 and 130.
- Required courses in the BSc (these may be replaced with options in the BA).
 - ★6 AUCHE 110 and 112.
 - ★6 Physics.
 - ★3 Mathematics.
- Recommended courses
 - ★3 Mathematics.
 - ★6 Literature.

53.2.2 Minor in Biology

I. Requirements

- (1) ★3 from AUBIO 110 or 130.
- (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 §15.3 for Admission Requirements.

I. Requirements

- (1) ★6 general chemistry: AUCHE 110 and 112.
- (2) ★6 analytical chemistry: AUCHE 220 and 222.
- (3) ★6 inorganic chemistry: AUCHE 230 and 232.
- (4) ★6 organic chemistry: AUCHE 250 and 252.
- (5) ★3 physical chemistry: AUCHE 279.
- (6) ★3 Selected Topics in Chemistry: one of AUCHE 405, 415, 425, 435, 455, 475, 485.
- (7) An additional 12 senior credits in AUCHE, at least ★6 of which must be at the 300- or 400-level.
- (8) ★3 mathematics: AUMAT 110 or 111.

Note: The BSc requires AUCHE 277 as one of the options in (7) above and additionally requires: ★6 AUPHY and ★6 AUMAT 112 and 211.

II. Additional information for students

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).

★3 in Statistics are recommended. Some senior courses are offered in alternate years.

Plans for taking a Chemistry project course should be discussed with the Department Chair in the year prior to registering in the course.

A student is advised to take AUMAT 110 (111), 112, and 211 early in his/her program; notice that AUMAT 110 (or 111) is a recommended prerequisite for AUCHE 220 and is required for AUCHE 279; and that AUMAT 120 is a required prerequisite for AUCHE 430.

A student will satisfy the following core requirement through required courses (see Augustana Chart 1): NMS(2) (e.g., AUCHE 110 and 112). **Note:** An individual course may be used to satisfy **only one** core requirement.

III. Recommended first-year program

- (1) **Required courses:** ★6 AUCHE 110 and 112.
- (2) Recommended courses:
 - a. ★6 AUMAT 110 (or 111) 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 §15.3 for Admission Requirements.

I. Requirements

- (1) **General Stream**
 - a. AUCSC 110 and 120.
 - b. AUCSC 210, 220, 250, 370.
 - c. ★6 from AUCSC 320, 330, 350, 380.
 - d. ★3 from AUCSC 310, 315.
 - e. ★3 from AUCSC 480, 490, 495.
 - f. ★12 additional senior credits in Computing Science, excluding AUCSC 401 and 402.
 - g. Supporting courses: AUMAT 110 or 111, AUMAT 120, 250, and AUSTA 153, 213, or 215.
- (2) **Practicum Stream:** AUCSC 401 and 402, plus all the requirements of the General Stream as listed above.

II. Additional information for students

- (1) AUCSC 120 requires AUMAT 110 or 111, and 120 as corequisites.
- (2) AUCSC 210 requires AUMAT 250 as a corequisite.
- (3) AUCSC 340 requires AUMAT 211 as a prerequisite, which in turn requires AUMAT 112 as a prerequisite.
- (4) At least ★3 in Physics is recommended.
- (5) Through required courses (e.g., AUCSC 110 and 120) a student will satisfy core requirement (see Augustana Chart 1) NMS(2). Another core requirement IV(2) is satisfied through an optional course, AUCSC 490. Reminder: An individual course may be used to satisfy only one core requirement.
- (6) 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.
- (7) AUCSC 401 and 402 are practicum courses available to a limited number of senior Computing Science majors. Each of these courses provides four months of practical experience either through employment in an information systems context with an external organization, or through a directed self-study (possibly leading to a professional certification).

III. Recommended first-year program

- (1) Required courses
 - a. ★6 AUCSC 110 and 120.
 - b. ★6 AUMAT 110 or 111, and 120.

53.5.2 Minor in Computing Science

I. Requirements

- (1) AUCSC 110 and 120.
- (2) AUCSC 210.
- (3) 9 additional senior credits in Computing Science.

53.6 Drama

53.6.1 Major in Drama

I. Requirements

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

II. Additional information for students

- (1) A student intending to pursue graduate studies in Drama is strongly advised to choose additional credits in Drama.
- (2) Art, English, History and Music courses should be taken (as options) to enrich the major in Drama.
- (3) A student will satisfy the following core requirements through required courses (see Augustana Chart 1): CC(1) (AUDRA 101, e.g.) and EHE(1) (AUDRA 141, e.g.). Two other core requirements can be satisfied by elective courses: SS(1) by Drama (AUDRA 245) and CC(3) by Drama (AUDRA 310). Reminder: An individual course may be used to satisfy **only one** core requirement.
- (4) Many senior Drama courses are offered in alternate years only.

III. Recommended first-year program

- (1) **Required courses:** ★6 AUDRA 101 and 141.

53.6.2 Minor in Drama

I. Requirements

- (1) AUDRA 101 and 141.
- (2) ★12 in senior level Drama.

53.7 Economics

53.7.1 Major in Economics

See §15.3 for Admission Requirements.

I. Requirements

- (1) AUECO 101 and 102.
- (2) AUECO 110, 210, 310.
- (3) AUECO 203, 204, 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) 12 additional senior credits in Economics, of which at least ★3 must be at the 400-level.
- (8) Supporting courses: AUMAT 110 or 111 or 120 and AUSTA 153.

II. Additional information for students

- (1) AUECO 100 or 101, 102, and 110 should be taken in the first year.
- (2) AUMAT 110, 111, or 120 should be taken in the first year.
- (3) A student considering graduate work in Economics is advised to take AUMAT 110 or 111, 112, and AUECO 206/306, and to arrange a directed reading course in the fourth year in some aspect of economic theory.
- (4) A student will satisfy two core requirements through required courses (see Augustana Chart 1): NMS(2) (AUMAT 110, 111 or 120, e.g.), and SS(1) (AUECO 101, e.g.). A student can satisfy other core requirements by elective courses: CC(1) (AUECO 215, 257, 258), CC(2) (AUECO 254), CC(3) (AUECO 251, 325, 333), CC(4) (AUECO 254, 314), IV(2) (AUECO 480), IV(3) (AUECO 325), IV(4) (AUECO 341), EHE(2) (AUECO 314), SS(2) (any AUECO). A student majoring in Economics is strongly encouraged to take AUPHI 350 to fulfill core requirement CC(5). Note: An individual course may be used to satisfy **only one** core requirement.
- (5) Many senior Economics courses are offered in alternate years only.

III. Recommended first-year program

- (1) Required courses
 - a. ★7 AUECO 100 or 101, 102, 110.
 - b. ★3 AUMAT 110, 111, or 120.

53.7.2 Minor in Economics

I. Requirements

- (1) AUECO 100 or 101, and 102.
- (2) ★3 from economic history or history of economic thought courses: AUECO 215, 251, 257, 258, 314.
- (3) ★9 additional senior credits in Economics.

53.8 English

53.8.1 Major in English

I. Requirements

- (1) ★6 AUENG 103 and 104.
- (2) ★6 Medieval and Renaissance Literature and English Language (AUENG 211, 212, 221, 225, 230, 231, 233, 239, 311, 312, 321, 325, 330, 331, 333, 339, 410);
- (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) A student will satisfy the following core requirements through required courses (see Augustana Chart 1): CC(1) and EHE(2) (AUENG 103 and 104). Five other core requirements can be satisfied by elective courses in English: CC(2) (AUENG 208/308), IV(3) (AUENG 266/366 or 268/368), EHE(1) (AUENG 215, 314, 316), IV(4) (AUENG 268/368), SS(1) (AUENG 351), CC(3) (AUENG 280/380 or 281/381), CC(4) (AUENG 351). Reminder: An individual course may be used to satisfy only one core requirement.
- (4) Many senior English courses are offered in alternate years only.

III. Recommended first-year program

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

53.8.2 Minor in English

I. Requirements

- (1) AUENG 103 and 104.
- (2) 12 senior credits in English, no more than 9 of which can be writing courses (i.e., AUENG 215, 314, 316, 317, 318, 319).

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

53.9.1 Major in Environmental Science/Studies

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

I. Requirements

- (1) ★6 in evolution and ecology (AUBIO 110 and 253).
- (2) ★3 in Economics (AUECO 101).
- (3) ★12 in Environmental Studies (AUENV 120, 324, 341, 421, or cross-listed equivalents).
- (4) ★3 in earth science (AUGEO 230 or 231).
- (5) ★3 in environmental perspectives (AUENV 268, 269, 328, 344, 345, 355, 358, 368, 369, 375, 458, 475, or cross-listed equivalents).
- (6) ★3 in applied environmental studies (AUECO 449, AUENV 320, 322, 325, 350, 354, 359, 420, 450, 459, AUGEO 218, or cross-listed equivalents).
- (7) ★3 in Statistics (AUSTA 215).
- (8) 6 overlapping credits at the 400-level from the courses listed in requirements (3)-(7) and (9).
- (9) additional non-overlapping credits:

For the BSc in Environmental Science:

- ★9 in Chemistry (AUCHE 110, 112, and any 200-level AUCHE except AUCHE 210 and 280).
- ★6 in Physics.
- ★3 in Mathematics (excluding AUMAT 107).
- ★3 in outdoor experience or practica (AUENV 132, 232, 260, 359, 459, AUGEO 341, 342, AUPED 184, 285, 286, 388, or cross-listed equivalents).
- ★6 from the following (or cross-listed equivalents):
AUBIO 222, 320, 321, 423 (plants and ecology);
AUBIO 274 (microbiology);
AUBIO 294, 341, 343, 448 (insects and ecology);
AUBIO 295, 390, 393, 493 (vertebrates and behaviour);
AUBIO/AUGEO 351 (biogeography);
AUBIO 413 (evolutionary ecology);
AUECO 449 (project evaluation);
AUENV 301, 401, (environmental science reading and project);
AUENV 320, 420 (parks and wilderness);
AUENV 322 (economic botany);
AUENV 325 (environmental impact assessment);
AUENV 350, 359, 450, 459 (tropical ecology and conservation);
AUENV 354 (freshwater ecology and management);
AUGEO 218 (geographic information systems);
AUGEO 230, 231 (earth science);
AUMAT 332 (mathematical ecology).

For the BA in Environmental Studies (General stream):

- ★15 from the following (or cross-listed equivalents):
AUENV 268, 269, 368, 369 (environmental literature);
AUENV 302, 402 (environmental studies reading and project course);
AUENV 320, 420 (parks and wilderness);
AUENV 328 (environmental politics);
AUENV 344 (environmental psychology);
AUENV 345 (religion and ecology);
AUENV 355 (philosophy, technology, and environment);
AUENV 358, 458 (environmental sociology);
AUENV 375, 475 (environmental history);
AUPED 290 (leadership);
AUPED 383, 389 (theory and practice of experiential education);
- ★3 in outdoor experience or practica (AUENV 132, 232, 260, 359, 459, AUGEO 341, 342, AUPED 184, 285, 286, 388, or cross-listed equivalents).

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

- ★3 of AUPED 184 or 285.
- ★3 of AUPED 286 or 388.
- ★6 of AUPED 383 and 389.
- certification in wilderness emergency care; and instructor-level certification in two outdoor education activities such as skiing, canoeing, or orienteering (these certifications must be current on the date of graduation).
- ★3 from AUPAC 109, 125, 134, 209, 225, 270, and 326.
- ★3 from AUENV 268, 269, 320, 328, 344, 345, 355, 358, 368, 369, 375, 420, 458, 475, AUPED 290, or cross-listed equivalents.

II. Additional information for students

- Students considering graduate studies should take a directed reading, directed studies, or directed project in the field.
- A student in the BA Environmental Studies (Outdoor Education stream) is strongly advised to take one of AUBIO 295 and 397; or AUPED 112, 215 and 216.
- 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.
- A student interested in a career in vertebrate ecology is encouraged to take additional credits from AUBIO 295, 390, 393, and 493 and AUENV 350, 450 and 359, 459 (or cross-listed equivalents).

- A student interested in a career in plant ecology is encouraged to take additional credits from AUBIO 222, 320, 321 and 423, and AUENV 322 (or cross-listed equivalents).
- AUPHI 250, AIDS 380, 381, 382/383, 384/385 are highly recommended.
- 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.
- Many senior courses are offered only in alternate years; some of these require additional prerequisites.
- A student will satisfy the following core requirements through required courses (Augustana Chart 1): CC(5) (AUENV 421), IV(4) (AUENV 120), NMS(1) (AUBIO 110), NMS(2) (AUGEO 230 or 231), SS(1) (AUECO 100 or 101), SS(2) (AUENV 324). Other core requirements may be satisfied by elective courses: CC(3)(AUENV 320, 328, 375, 420, 475), IV(1) (AUENV 345), IV(2) (AUENV 355), IV(5) (AUPED 184). Note: An individual course may be used to satisfy **only one** core requirement.

III. Recommended first-year program

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

53.9.2 Minor in Environmental Studies**I. Requirements**

- ★6 of AUBIO 110 and AUENV 120.
- ★3 of AUBIO 253.
- ★3 in environmental analysis (AUENV 324, 341, 421, or cross-listed equivalents) or earth science (AUGEO 230 or 231).
- ★3 of applied environmental studies (AUECO 449, AUENV 320, 322, 325, 350, 354, 359, 420, 450, 459, AUGEO 218, or cross-listed equivalents) or outdoor experience or practica: AUENV 132, 232, 260, 359, 459, AUGEO 341, 342, AUPED 184, 285, 286, 388, or cross-listed equivalents.
- ★3 in environmental perspectives (AUENV 268, 269, 328, 344, 345, 355, 358, 368, 369, 375, 458, 475 or cross-listed equivalents).

53.10 Geography**53.10.1 Minor in Geography****I. Requirements**

- AUGEO 120.
- 15 additional credits in Geography, 12 of which must be senior credits.

II. Additional information for students

A student will satisfy the following core requirements through required courses: (see Augustana Chart 1): IV(4) (AUGEO 120), SS1 (AUGEO 150). Three other core requirements can be satisfied by elective courses in Geography: CC(1) (AUGEO 242), NMS(2) (any Geography with lab), CC(3) (AUGEO 320, 341, or 420). Reminder: An individual course may be used to satisfy **only one** core requirement.

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) 3 additional credits at the 400-level.
- (5) 21 additional senior credits in History, including at least ★9 at the 300-level or above.
- (6) 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, United States, Women's.

II. Additional information for students

- (1) A student will satisfy three core requirements through required courses (see Augustana Chart 1): CC(1) (AUHIS 104), CC(2) (AUHIS 105), and CC(3) (AUHIS 260 or 261). Another two core requirements will be fulfilled by the requirements of the History major: SS(1) (any History except 190, 380 or 480) and SS(2) (any History). One other requirement IV(3) can be satisfied by an elective course in History (AUHIS 271, 379, 479). Note: An individual course may be used to satisfy **only one** core requirement.
- (2) Many senior History courses are offered in alternate years only.

III. Recommended first-year program

- (1) **Required courses:** ★6 AUHIS 104 and 105.

53.11.2 Minor in History

I. Requirements

- (1) ★3 of History at the 300- or 400-level.
- (2) 6 senior credits of History.
- (3) 9 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, 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, 325, 346; AUENG 280, 281, 380, 381; AUENV 320, 375, 420, 475; AUFRE 331, 332, 333; AUGEO 320, 341, 420; AUHIS 260, 261, 262, 271, 366, 369, 372, 375, 378, 379, 475, 479; AUIDS 124, 125, 224, 225, 324, 325; 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 AUECO 325, 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 will satisfy the following core requirement through a required course: CC(4) (AUCRI/AUIDS 160 e.g.). Other core requirements may be fulfilled by the various electives in Crime and Community. The following core requirements can be satisfied by elective courses: CC(3) (AUCRI 200, 222, 253, 322, 327, 353, 422, 427); IV(2) (AUCRI 327, 427); and SS(1) (AUCRI 200, 222, 224, 225, 253, 327, 353, 422, 427).
- (3) 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.
- (4) 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 AUIDS 121/221, AUSOC 105.
- (2) ★9 of development analysis from AUIDS 124/224/324, 226, AUSOC 218, 391.
- (3) ★12 of global and development studies from the following:
 - a. AUIDS 122/222/322, 123/223/323, 125/225/325 of the Puebla-Alberta Community Service Exchange, or
 - b. an approved Semester Abroad, or
 - c. International Tour or Summer courses (e.g., India Tour, Study tour of Southern France, Canadian Summer School in Germany, French Summer Bursary Program of the Federal Government), AUIDS 290, 291, 390, 391, or
 - d. AUECO 257, 258, 264, 341, 364; AUENV 120, 328, 345, 375, 475; AUGEO 120, 242, 341, 342; AUHIS 375, 475; AUIDS 290, 291, 390, 391; AUPED 388; AUPOL 240, 247, 325, 328, 341, 344, 347, 444; AUREL 345; AUSCA 231.
- (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) ★9 from AUCRI 222, AUECO 254, 341, 346, 465, AUENV 320, 324, 345, 358, 420, 458, AUGEO 320, 324, 420, AUPOL 240, 325, 341, 345, 349, 449, AUPSY 346, AUREL 263, 266, 345, 348, AUSOC 222, 263, 358, 458.
- (6) AUIDS 427 and 428.

II. Additional information for students

- (1) The ★45 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 Global and Development Studies 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) By participating in **Puebla-Alberta Community Service Exchange** a student can satisfy ★18 of the required minimum ★45. A student will also satisfy ★6 in Civilization and Culture, ★6 in Second Language and ★6 in Social

Sciences of core requirements through required courses in the Exchange. (Also see (4) below). For information consult the Program Manager.

- (4) 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.
- (5) A student will satisfy the following core requirements through required courses (see Augustana Chart 1): CC(2) (AUIDS 122/222/322 or 123/223/323, AUIDS 121/221, AUSOC 218), CC(3) (AUIDS 124/224/324 or 1215/225/325, e.g.), CC(4) (AUIDS 122/222/322 or AUIDS 121/221 or AUSOC 218), SS(1) (AUIDS 122/222/322 or 124/224/324 or AUIDS 121/221 or AUSOC 218), SS(2) (AUIDS 122/222/322 or AUIDS 121/221 or AUSOC 218). Note: An individual ★3 course may be used to satisfy **only one** ★3 core requirement.

53.12.3.2 Minor in Interdisciplinary Studies in the area of Development Studies (Stream A: Canadian and International Issues)

I. Requirements

- (1) AUIDS 121/221 or AUSOC 218.
- (2) ★3 from AUECO 364, AUENV 324, AUGEO 324, AUPOL 341, 349/449, AUREL 263, AUSOC 263, 391.
- (3) ★12 in at least two disciplines and in addition to the ★3 selected in (2) above from AUECO 251, 341, 364; AUENV 320, 324, 328, 345, 358, 375, 458, 475; AUGEO 320, 324; AUHIS 262, 375, 475; AUIDS 222 or 322, 224 or 324; AUPOL 240, 325, 328, 341, 345, 349, 449; AUPSY 346; AUREL 345, 348; AUSOC 263, 358, 391, 458.

II. Additional information for students

- (1) Development Studies is an interdisciplinary program that requires the completion of a selection of courses from a variety of disciplines. Some Development Studies 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 Development Studies 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) A student will satisfy one of the following core requirements (see Augustana Chart 1) through the required credits in AUIDS 121/221 or AUSOC 218: CC(2), CC(4), SS(1), SS(2). Other core requirements may be fulfilled by various courses selected to fulfill minor requirements; (see Augustana Chart 1), or consult your academic adviser. Note: An individual ★3 course may be used to satisfy **only one** ★3 core requirement.

53.12.3.3 Minor in Interdisciplinary Studies in the area of Development Studies (Stream B: Community Service Exchange)

I. Requirements

- (1) ★12 from AUIDS 222 or 322, 223 or 323, 224 or 324, 225 or 226.
- (2) ★6 from AUECO 341, 364; AUENV 120, 324, 328, 345, 358, 375, 458, 475; AUGEO 120, 324; AUHIS 375, 475; AUPOL 325, 328, 341, 349, 449; AUREL 263, 345; AUSOC 218, 263, 358, 391, 458, of which ★3 must be at a 300-level or above.

II. Additional information for students

- (1) It is expected that normally a student enrolled in this program will learn the working language of the region of the host country.
- (2) See the additional information for students for the Interdisciplinary Studies minor in the area of Development Studies (Canadian and International Issues).
- (3) A student may satisfy the following core requirements depending on the required courses selected (see Augustana Chart 1): CC(2) (AUIDS 222 or 322 or 223 or 323, e.g.), CC(3) (AUIDS 224 or 324 or 225 or 325, e.g.), CC(4) (AUIDS 222, e.g.), SS(1) (AUIDS 222 or 322 or 224 or 324, e.g.), SS(2) (AUIDS 222, e.g.). Other core requirements may be fulfilled by various courses selected to fulfill minor requirements; consult your academic adviser. Note: An individual ★3 course may be used to satisfy **only one** ★3 core requirement.

53.12.4 Minor in Interdisciplinary Studies - Individualized

I. Requirements

- (1) ★18 in a well-defined interdisciplinary area as determined by the student and a supervising instructor. At least ★12 must be at the senior level.

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

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

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

I. Requirements

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

II. Additional information for students

Augustana Faculty courses eligible for inclusion in a Women's Studies minor: AUECO 325; AUENG 266, 268, 366, 368; AUGER 293; AUHIS 271, 379, 479; AUIDS 230, 384, 385; AUMUS 321, 421; AUPED 266; AUSOC 275, 377; AUSCA 221.

53.13 Mathematics and Physics

53.13.1 Major in Mathematics and Physics

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

I. Requirements

- (1) AUMAT 110 or 111.
- (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 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).

53.13.2 Minor in Mathematics

I. Requirements

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

53.13.3 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 as a corequisite.
- (2) AUPHY 250 requires AUMAT 112 as a prerequisite.
- (3) AUPHY 260 requires AUMAT 211 as a corequisite.
- (4) AUPHY 321 requires AUMAT 212 as a prerequisite.

- (5) AUPHY 310 and 350 require AUMAT 212 as a corequisite.
- (6) Through required courses (e.g., AUPHY 110 and 120) a student will satisfy core requirement (see Augustana Chart 1) NMS(2). Another core requirement, CC(1) or CC(5) can be satisfied by an elective course in Physics, AUPHY 480. Note: An individual course may be used to satisfy **only one** core requirement.
- (7) Many senior Physics courses are offered only if there is sufficient student demand.

(AUFRE 305, 306, 307, 308; AUGER 231, 233, 236, 238, AUSCA 231, CC(2) (AUSPA 230, 231, 238, 239, 240, 241, 250, 251, 252, 253, 340, 341), IV(3) (AUGER 293 or AUSCA 221), EHE(2) (one of many courses in French, German, Scandinavian Studies, or Spanish), CC(3) (AUFRE 331, 332, or 333). Reminder: An individual course may be used to satisfy **only one** core requirement.

- (7) 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.

53.14 Modern Languages

53.14.1 Major in Modern Languages

See §15.3 for Admission Requirements.

I. Requirements

- (1) ★48-60 chosen from two of the following four areas:
- 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).
 - 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.
 - 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).
 - 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:
 AIDS 240: Bilingualism
 AULAN 200: Introduction to Language
 AUPSY 271: Psychology of Language
 AUSOC 105: Social Anthropology
- (6) A student will satisfy a ★6 core requirement through required courses (see Augustana Chart 1): SL(1) (AUFRE 201 and 202, or AUGER 201 and 202, or AUSCA 101 and 102, or AUSPA 101 and 102). Four other core requirements can be satisfied by elective courses in the Modern Languages major: CC(1)

53.14.2 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.

53.14.3 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) A student will satisfy one core requirement through required courses (see Augustana Chart 1): SL(1)(AUGER 201 and 202). Three other core requirements can be satisfied by elective courses: CC(1) (AUGER 231, 233, 236, or 238), IV(3) (AUGER 293), EHE(2) (AUGER 291, 292, 293, 321, 322, 351, 361, 371, 447). Note: An individual course may be used to satisfy **only one** core requirement.
- (4) Many senior German courses are offered in alternate years only.

53.14.4 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) A student will satisfy the following core requirement through a required course (see Augustana Chart 1): SL(1) (AUSCA 101, e.g.). Three other core requirements can be satisfied by elective courses in Scandinavian Studies: CC(1) (AUSCA 231), IV(3) (AUSCA 221), and EHE(2) (AUSCA 221, 141/241, 151/251, 152/252, 161/261, 271, 371, 372, 381, or 382). Note: An individual course may be used to satisfy **only one** core requirement.
- (4) Some senior courses are offered in alternate years only.

53.14.5 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) A student will satisfy the following core requirement through a required course (See Augustana Chart 1): SL(1) (AUSPA 101, e.g.). Three other core requirements can be satisfied by elective courses in Spanish: CC(2) (AUSPA 230, 231, 238, 239, 240, 241, 250, 251, 252, 253, 340, 341) and EHE(2) (AUSPA 230, 231, 238, 239, 338, 339). Note: an individual course may be used to satisfy only one requirement.
- (4) Some senior courses are offered in alternate years only.

53.15 Music

53.15.1 Bachelor of Arts, Music Major

Overview

The Bachelor of Arts, Music Major is more general and flexible than the BMus degree program, as it is less performance-oriented and a much broader base of academic study. A Music Minor is also available for the student having a major in another discipline. More information on the BMus is available in §52.6.

53.15.2 Major in Music

I. Admission Requirements

See §15.3. Each student must complete the Music Theory Placement Exam (MTPE); a student who scores lower than 70% must register in AUMUS 100. For further information about entrance into the Music program, contact the Department of Fine Arts, Augustana Faculty.

II. Requirements

- (1) Music Studies and Information Literacy: AUMUS 228.
- (2) Theoretical and Analytical Studies, Musicianship Skills: AUMUS 160, 162, 260, 262.
- (3) Music history and literature, music in society: AUMUS 170, 224, 225, 226, 368/468.
- (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) A student will satisfy the following core requirements through required courses (see Augustana Chart 1): CC(1) (AUMUS 224, e.g.), CC(2) (AUMUS 170), EHE(1) (AUMUS 160, e.g.). One other requirement IV(3) can be satisfied by an elective course in Music (AUMUS 321 or 421). Note: An individual course may be used to satisfy **only one** core requirement.
- (5) 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.

53.15.3 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.

II. Additional information for students

A student with a minor in Music is required to pay private music lesson fees for applied music courses.

53.16 Philosophy and Religion

53.16.1 Major in Philosophy and Religion

I. Requirements

- (1) ★3 in AUREL 100 and ★3 in AUPHI 101 or 102.
- (2) Cross-cultural experience, the equivalent of a minimum of ★3 (see Program Coordinator).
- (3) ★6 from AUIDS 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.
- (3) A student will satisfy the following core requirements through required courses (see Augustana Chart 1): IV(1) (any Religion course). One other core requirement IV(2) can be satisfied by an elective course in Philosophy and Religion (AUPHI 260, 355 and AUREL 257).

53.16.2 Minor in Philosophy

I. Requirements

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

53.16.3 Minor in Religion

I. Requirements

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

53.17 Physical Education

53.17.1 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 and 216.
- (4) AUPED 314.
- (5) AUPED 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) A student will satisfy the following core requirement through the requirements of the major in Physical Education (see Augustana Chart 1) IV(5). Six other core requirements can be satisfied by elective courses in Physical Education: CC(1) (AUPED 262), IV(3) (AUPED 266), IV(4) (AUPED 184, 285, 286, 388), SS(1) (AUPED 160, 290, 292, 368), CC(3) (AUPED 368 or 469), IV(2) (AUPED 290). Note: An individual course may be used to satisfy **only one** core requirement.
- (2) Not all senior courses are offered every year.

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 and 216.
- (4) AUPED 314.
- (5) AUPED 290, 383 and 389.
- (6) AUPED 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) A student should consider including one or more of AUGEO 120, 230, 231, 320, 324, AUBIO 253, 353.
- (4) A student will satisfy two core requirements through required courses (see Augustana Chart 1): IV(4) (AUPED 184, 285, 286, 388), SS(1) (AUPED 160, 290, 368). Another core requirement IV(5) will be satisfied by the requirements of the Physical Education Outdoor Education major. Four other core requirements can be satisfied by elective courses in Physical Education: CC(1) (AUPED 262), IV(3) (AUPED 266), CC(3) (AUPED 368 or 469), IV(2) (AUPED 290). One other core requirement NMS(1) or NMS(2) can be satisfied by a recommended course outside of Physical Education (AUBIO 253, AUGEO 230, 231). Note: An individual course may be used to satisfy **only one** core requirement.
- (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.

53.17.2 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.

53.18 Political Studies

53.18.1 Major in Political Studies

I. Requirements

- (1) AUPOL 103 and 104.
- (2) AUPOL 210 or 211.
- (3) AUPOL 221.

- (4) AUPOL 240.
- (5) AUPOL 405.
- (6) 12 additional credits at the 300- or 400-level of which at least ★3 must be at the 400-level.
- (7) 12 additional senior credits.

II. Additional information for students

- (1) A student will satisfy the following core requirement through a required course (see Augustana Chart 1): SS(1) (AUPOL 103, e.g.). Four other core requirements can be satisfied by elective courses: CC(1) (AUPOL 210, 211), CC(2) (AUPOL 239, 325, 341), CC(3) (AUPOL 221, 228, 253, 322, 325, 327, 328, 345, 353, 422), and IV(2) (AUPOL 349 or 449). Note: An individual course may be used to satisfy **only one** core requirement.
- (2) Many senior Political Studies courses are offered in alternate years only.
- (3) 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 221, 240 and either AUPOL 210 or 211 in the second year. Students are also strongly recommended to take ★6 of a second language.

53.18.2 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.

53.19 Psychology

53.19.1 Major in Psychology

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

I. Requirements

- (1) AUPSY 101 and 102.
- (2) AUPSY 203 and 213.
- (3) ★6 from AUPSY 220, 240, 256 (social/personality/developmental).
- (4) ★6 from AUPSY 263, 271, 275 (cognitive/physiological).
- (5) AUPSY 313.
- (6) AUPSY 408 or 409.
- (7) 12 additional senior credits in Psychology.
- (8) At least 9 Psychology credits, including AUPSY 408 or 409, at the 400-level.

II. Additional information for students

- (1) A student should take AUPSY 203 and 213, and the chosen/required 200-level courses, in the second year.
- (2) AUPSY 313 should be taken in the third year.
- (3) AUBIO 397 is recommended for third year for a student in the Bachelor of Science program. Prerequisites for this course are AUBIO 130 and 295.
- (4) 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.
- (5) 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 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.

- (6) Courses related to the social/personality stream include AUPSY 306, 344, 346, 483, 486, and 488. Courses related to the developmental/cognitive stream include AUPSY 352, 354, 362, 371, and 471. Courses related to the physiological stream include AUPSY 369, 373, 377, 477 and 483.
- (7) It is recommended that AIDS 380 or 385 be taken to satisfy the integrative studies requirement of the core. Courses in the philosophy of science, philosophy of social science, and philosophy of technology are also recommended.
- (8) To satisfy the environmental studies portion of the natural world requirement IV(4) of the core, a student with a major in Psychology is advised to make selections from the Biology courses, preferably in the first year.
- (9) A student will satisfy the following core requirements through required courses (see Augustana Chart 1): NMS(2) (AUPSY 213), CC(5) (AUPSY 408/409), NMS(1) (AUPSY 101), SS(2) (AUPSY 102). Two other core requirements can be satisfied by elective courses in Psychology: SS(1) (AUPSY 240 or 382), CC(3) (AUPSY 346). Note: An individual course may be used to satisfy **only one** core requirement.
- (10) Many senior Psychology courses are offered in alternate years only.

III. Recommended first-year program

Required courses: ★6 AUPSY 101 and 102.

53.19.2 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, 271, 275 (cognitive/ physiological).
- (4) ★6 additional senior credits in Psychology. AUPSY 203 is strongly recommended.

53.20 Sociology

53.20.1 Major in Sociology

I. Requirements

- (1) ★6 from AUSOC 101, 103, 105.
- (2) AUSOC 232 and one of AUSOC 233, 377.
- (3) ★6 from AUSOC 236, 339, AUSTA 213.
- (4) ★3 from AUSOC 437, 439.
- (5) 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 should complete AUSTA 213.
- (2) A student will satisfy the following core requirement (see Augustana Chart 1) by completing any course in Sociology: SS(1). The following core requirements can be satisfied by elective courses: CC(1) (AUSOC 232, 233, or 271), CC(2) (AUSOC 105, 279, 391), IV(3) (AUSOC 275, 279, 377), CC(3) (AUSOC 200, 222, 225, 263), IV(2) (AUSOC 283, 327, 427). Note: An individual course may be used to satisfy **only one** core requirement.
- (3) 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.

53.20.2 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 Faculty Regulations

Students should consult the following regulations of the Augustana Faculty in tandem with the University Regulations in §§11 to 27, with particular attention to §§22 and 23.

54.1 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.

54.2 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.

54.3 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 §23.5.6) will be given a mark of zero (0) on the final examination. The final grade in the course will then be determined by combining the appropriately weighted term grade and the assigned zero in the final examination, the mathematical result rounded to the lowest whole number. Students who register in a course but do not attend and do not formally withdraw will receive a grade of F1.
- (5) **Change in program:** A student who wishes to change from one major, minor, or degree program to another within the Augustana Faculty must

consult with his or her Academic Adviser. A student wishing to change degree program, or transfer into another Faculty, should also consult §15.3.6(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.

54.4 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 §23.5.6 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.

The deadline for the last assignment valued at more than 10% of the final grade (5% in two term Fall/Winter courses) shall be no later than five instructional days before the last class of the Fall or Winter term

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.

54.5 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. Copies of the Code may be found in the Augustana Faculty Student Handbook, Appendix A of the University of Alberta Calendar, the University of Alberta Governance website at www.uofaweb.ualberta.ca/governance/studentappeals.cfm or by contacting University of Alberta Governance directly.

54.6 Academic Standing and Graduation

54.6.1 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.

54.6.2 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.

54.6.3 Other regulations related to academic standing

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

54.6.4 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>).

54.7 Graduation

54.7.1 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.

54.7.2 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 May. Students registered in Augustana Faculty who are eligible to graduate in the fall season 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.

54.8 Time Limit for Completion of Previous Augustana Degree Programs

54.8.1 Augustana University College Three-Year BA and BSc Degrees

As part of the merger with the University of Alberta, Augustana Faculty will cease admitting new students into three-year BA and BSc degree programs after the 2004-2005 academic year. Students currently registered in these programs must complete their degrees by the end of the 2010-2011 academic year. Students continuing in a three-year BA or BSc program may consult the 2004-2005 Augustana University College Calendar and its Addenda for the degree requirements pertaining to their program. Excerpts of the relevant portions of the 2004-2005 Calendar, along with sections providing guidance to students in the specific concentrations, may also be obtained from the Office of the Registrar, Augustana Campus.

54.9 Grievances and Appeals

A copy of the Augustana Faculty regulations regarding appeals on grades and academic standing may be obtained from the Augustana Academic Advisement Office (Office FL029, Augustana Faith and Life Building). Certain academic standing decisions made by the Augustana Faculty Academic Appeals Committee may be appealed to the General Faculties Council Academic Appeals Committee. See §23.8.

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

55 Courses

55.1 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)
 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)

55.2 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, 232, 301, 320, 322, 324, 325, 329, 350, 353, 354, 359, 401, 420, 421, 450, 459.
 - f. Geography (AUGEO) 120, 132, 218, 230, 231, 232, 301, 320, 324, 325, 342, 351, 354, 401, 420, 421.
 - 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, 314, 374, 375.
 - 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) Education courses (AUEDC, AUEFX, AUEPS) and Management courses (AUACC, AUMGT) except AUMGT 206, 323, 422 and AUPED 275 are classified as specialized professional courses (see §§52.3(3) and 52.3(4) above).
- (3) All other courses (not identified in (1) or (2), above) are classified as arts courses.
- (4) Regardless of their designation as arts or science courses (see (1) and (3), above), the following courses are also designated as social science courses:
 - a. Classics (AUCLA) 221, 222, 223, 224.
 - b. all Crime and Community (AUCRI).
 - c. all Economics (AUECO).
 - d. Environmental Studies (AUENV) 120, 260, 302, 320, 324, 328, 341, 344, 358, 375, 402, 420, 458, 475.
 - e. all Geography (AUGEO) except 132, 218, 230, 231, 232, 301, 302, 342, 351, 401, 402, 410, 421.
 - f. all History (AUHIS).
 - g. Interdisciplinary Studies (AUIDS) 120, 121, 122, 123, 124, 125, 160, 220, 221, 222, 223, 224, 225, 226, 230, 260, 322, 323, 324, 325, 384, 385, 427, 428.
 - h. Management (AUMGT) 323, 422.
 - i. all Physical Education (AUPED) except 112, 215, 216, 232, 275, 314, 374, 375.
 - j. all Political Studies (AUPOL).
 - k. all Psychology (AUPSY) except 213, 271, 275, 377, 471, 477.
 - l. Religion (AUREL) 265, 266.
 - m. Scandinavian Studies (AUSCA) 231.
 - n. all Sociology (AUSOC).