

**First- & Second-Year COURSE SEQUENCE
for St. Ambrose University Students
2009**



General Guidelines for Advising 1st and 2nd Year Students:

- **ALL** first year students should take either ENG 101 or COMM 129 in their Fall semester
- ENG 101 **MUST** be completed before students enter their sophomore year
- COMM 129 **MUST** be completed by the end of students' sophomore year
- New Student Seminar (NSS) and Information Literacy (IL 101) are strongly encouraged courses for freshmen to take
- Majors not included in this document are encouraged to take an introductory course in that area of study
- See websites for Master's degree programs of study for prerequisites

Interdisciplinary Minors:

- Catholic Studies
- Environmental Studies
- International Studies
- Irish Studies
- Peace and Justice
- Organizational Leadership
- Pre-Law Studies
- Women's Studies

UNDERGRADUATE PROGRAMS

Accounting

First Year

Fall Semester: ACCT 201, ECON 201, ENGL 101 or COMM 129

Spring Semester: ACCT 202, ECON 202, MATH 151 or MATH 161

Second Year

Fall Semester: ACCT 301, ACCT 307

Spring Semester: ACCT 302, STBE 337

Please note: Math through the 151 level should be completed as soon as possible.

Art

First Year

Fall Semester: ART 100, ART 250, ENGL 101 or COMM 129

Spring Semester: ART 203, ART 207, ART 251

Second Year

Fall Semester: ART 208, ART 303

Spring Semester: ART 351

Please note: Beyond the above common core courses, students must choose a concentration.

Biology

First Year

Fall Semester: BIO 199, MATH 151 or MATH 171, CHEM 105, ENGL 101 or COMM 129

Spring Semester: BIO 200, BIO 150, CHEM 106, STAT 213

Please note: Entry into general biology requires a minimum prerequisite or co-requisite of MATH 151 AND appropriate placement test score.

Business, Economics, Finance, Management, and Marketing

First Year

Fall Semester: MATH 151 or MATH 161 or ACCT 201, general education courses

Spring Semester: ECON 201, ACCT 202, Creative Arts, general education courses

Second Year

Fall Semester: ECON 202, BUS 201, MGMT 310

Spring Semester: Science, MKTG 309

Please note: Students with marginal reading and math skills may need to take summer school courses in order to "catch up" on their sequences of ECON 201/202.

Chemistry (BA)

First Year

Fall Semester: CHEM 105, MATH 151 or 171 or 191

Spring Semester: CHEM 106, MATH 191 or 192, CHEM 110, CHEM 150

Second Year

Fall Semester: CHEM 207, CHEM 209, MATH 192 (if not yet completed), PHYS 203

Spring Semester: CHEM 208, CHEM 210, PHYS 204, WI-CHEM 350

Please note: Entry into general chemistry requires a minimum prerequisite or co-requisite of MATH 15 AND appropriate placement test score. .

Chemistry (BS)

First Year

Fall Semester: CHEM 105, MATH 151 or 171 or 191

Spring Semester: CHEM 106, MATH 191 or MATH 192, CHEM 110, CHEM 150, PHYS 251

Second Year

Fall Semester: CHEM 207, CHEM 209, MATH 192 (if not yet completed), PHYS 253

Spring Semester: CHEM 208, CHEM 210, WI-CHEM 350

Please note: Entry into general chemistry requires a minimum prerequisite or co-requisite of MATH 151 AND appropriate placement test score. .

Computer Network Administration (CNA)

First Year

Fall Semester: CSCI 185 and/or CSCI 210

Spring Semester: CSCI 210 and/or CSCI 270

Second Year

Fall Semester: CSCI 270, CSCI 185, or COMM 203

Spring Semester: COMM 203, ENG 218, or CSCI 420

Please note: A CNA major needs to complete CSCI 210 and CSCI 270 in the first two years since they are the prerequisites for everything else in CNA. After that they should select 1-2 CSCI courses and 1-2 COMM/ENGL courses from the major.

Computer Science (CS)

First Year

Fall Semester: CSCI 195,

Spring Semester: CSCI 180, CSCI 295

Second Year

Fall Semester: CSCI 310, CSCI 360, MATH 171 (if needed as prerequisite for MATH 191)

Spring Semester: CSCI 270, MATH 191

Please note: It is best to take CSCI 195 and 295 back-to-back. CS majors should complete CSCI 180, 195, 295, and 310 in the first two years. After that they can select from other required courses.

Computer Information Systems (CIS)

First Year

Fall Semester: MATH 151 or MATH 161, CSCI 195 or 210

Spring Semester: CSCI 295, CSCI 210, Business Course

Second Year

Fall Semester: CSCI 275 or CSCI195, CSCI 210, Business Course

Spring Semester: CSCI 295 or CSCI 390 CSCI 270, Business Course

*Please note: Two programming courses must be completed before CSCI 390 is taken. CIS majors need to complete a prescribed list of Business courses **or** a Minor in the College of Business. They should begin their business courses no later than the first semester of Year 2. CSCI 195 and CSCI 210 are prerequisites for many of the remaining CIS courses.*

Computer Investigations and Criminal Justice (CICJ)

First Year

Fall Semester: CSCI 210, CRJU 101, ENGL 101 or COMM 129

Spring Semester: CSCI 270, CRJU 102

Second Year

Fall Semester: CSCI 270, CRJU 221

Spring Semester: CSCI 420 or CRJU 241

Please note: A CICJ major needs to complete CSCI 210, CSCI 270, CRJU 101, and CRJU 102 in the first two years. After that they can select from other required courses with one or two of CSCI 375, CSCI 420, CSCI 425, CRJU 221, and CRJU 241 being good choices.

Criminalistics

Suggested first and second year course sequence:

First Year

Fall Semester: CHEM 105, MATH 151, BIOL 120

Spring Semester: CHEM 106, CHEM 110, CHEM 150, CRJU 101

Second Year

Fall Semester: CHEM 207, CHEM 209, CRJU 342, STAT 213

Spring Semester: CHEM 208, CHEM 210, BIOL 202

For more information, contact Dr. George Bailey 333-6127

Criminal Justice

First Year

Fall Semester: CRJU 101, MATH (per placement)

Spring Semester: SOC 101 or PSYC 105, CRJU 231

Second Year

Fall Semester: CRJU 102, PHIL 207

Spring Semester: CRJU 316

Early Childhood Education

First Year

Fall Semester: PSYC 105, ENGL 101, general education requirements to total 15-18 hours

Spring Semester: EDUC 205, PSYC 284, general education to total 15-18 hours

Please note: See Brenda Boleyn or Dr. Elizabeth Lasley at 333-6081.

Contact department for sophomore courses

Elementary Education - Special Education Endorsement Instructional Strategist I:

Mild/Moderate (K-6)

First Year

Fall Semester: PSYC 105, ENGL 101 or COMM 129, general education requirements to total 15-18 hours

Spring Semester: EDUC 205, EDUC 284, ENG 101 or COMM 129

Contact department for sophomore courses

Engineering Physics

First Year

Fall Semester: MATH 191 (for students with adequate preparation), ENGR 110, general education requirements

Spring Semester: MATH 191 or 192, CSCI 195, PHYS 251, general education requirements

Second Year

Fall Semester: MATH 291, PHYS 253, CHEM 105, ENGR 220, KIN Activity or 149

Spring Semester: ENGR 302, PHYS 254, CHEM 106, general education requirements

Please note: It is of vital importance that the students enter the math sequence as soon as possible. Do not enroll engineering students in physics courses below 251.

English (English or English Education)

First Year

ENGL 101 should be taken in the first year before any other English courses.

Please note: ENGL 120 does not count toward a major in English or English Education.

Second Year

Courses can be taken in any order, but survey courses (201, 202, 210, 211) should be taken early in a major's career. It is recommended that surveys be taken in chronological order. Majors are also encouraged to take 219 before their 300-400-level literature classes.

Exercise Science (Track 1 & 2 PT) (BS)

Fall Semester: KIN 149, BIOL 199, CHEM 105, MATH 151, PSYC 105

Spring Semester: BIOL 200, CHEM 106

Either Semester: PSYCH 105, KIN 149, KIN 208, STAT 213

Second Year

Fall Semester: BIO 202 (this is a MUST)

Spring Semester: BIO 204 (this is a MUST)

Either Semester: KIN 260, KIN 282, one KIN elective: 275, 258, or 392 (if 392 is of interest, this must be taken in Junior or Senior year; to be determined with advisor)

**If Pre PT, other options include: MATH 152, General CHEM or General BIO if both were not taken in 1st year; select one: PSCY 284, 305, or 324; see PT requirements for more options

**note: KIN 260, 282, and KIN elective may be taken in subsequent semesters if necessary or if elective prerequisites have not been met.

See website for further details or sheets in advising area

Please note: Entry into exercise science requires a minimum prerequisite or co-requisite of MATH 151 AND appropriate placement test score.

Forensic Psychology (BA or BS)

First Year

Fall Semester: PSYC 105, CRJU 101, STAT 213 (prerequisite MATH 151)

Spring Semester: STAT 213, SOC 101, BIOL 101 or CHEM 103 (during first year)

History

First Year

Fall Semester: HIST 101 or HIST 111, general education requirements

Spring Semester: HIST 102 or HIST 112, general education requirements

Human Performance and Fitness

PT requires BIOL 199 and CHEM 105

See website for additional information

First Year

Fall Semester: BIOL 101 or 199 or 112, CHEM 103 or 105

Spring Semester: KIN 149, KIN 206, STAT 213

Either semester PSYC 105, KIN 149

Please note: Entry into human performance and fitness requires a minimum prerequisite or co-requisite of MATH 151 AND appropriate placement test score.

Industrial Engineering

First Year

Fall Semester: MATH 191, CHEM 103 or 105, IE 110, ENGL 101, IE 105

Spring Semester: MATH 192, PHYS 251, Elective, THEO

Second Year

Fall Semester: MATH 300, ENGR 220, PHYS 253, COMM 101, PHIL 207 or 305, Elective

Spring Semester: ENGR 302, IE 295, Elective, MATH 301, IL 101, IE 265, KIN

Languages and International Studies (French, German, Spanish: Study abroad is required unless major is Spanish)

First Year

All incoming students with any prior study in a language which they wish to study at SAU must take the placement test before enrolling in the following:

Fall semesters; French or German: 101, 201 or 301* (with permission of instructor) Spanish 101, 103, 201 or 311* (permission of instructor required)

All language courses numbered 101 and 102 will meet 2-3 days a week but there will be considerably more on-line work. They will still be worth 4 credits. Students need to understand this component of the course in order to be successful.

Mathematics and Mathematics Secondary Education

First Year

Fall Semester: MATH 191 or 171 or 152*

Spring Semester: MATH 191 or 192, CSCI 195 (either semester)

Second Year

Fall Semester: MATH 192 or 300**

Spring Semester: MATH 290***, CSCI 195, Elective

*Please note: *Dependent on math placement test results and high school math course record. **Offered fall semester only. ***Offered spring semester only. Also, elementary education majors who wish to seek a mathematics endorsement should take MATH 171 and MATH 152 instead of MATH 151 prior to taking MATH 191.*

Music (BA degree with major in music)

First Year

Fall Semester: MUS 201, MUS 207, MUS 103 major instrument, Large Ensemble, MUS 099, and performance on Fridays at 2:00
MUS 236

Spring Semester: MUS 202, MUS 208, MUS 103 major instrument, Large Ensemble, MUS 236

Music (BME degree)

First Year

Fall Semester: MUS 201, MUS 207, MUS 103 major instrument, MUS 236, Large Ensemble, PSYC 105, mus 099 and performance on Fridays at 2:00

Spring Semester: MUS 202, MUS 208, MUS 103 major instrument, MUS 236, EDUC 205

Second Year

Fall Semester: MUS 301, MUS 307, MUS 103 major instrument, Instrument Technique, Large Ensemble, EDUC 284

Spring Semester: MUS 302, MUS 308, MUS 103 major instrument, Instrument Technique, Large Ensemble, EDUC 308

Nursing

First Year

Fall Semester: ENGL 101, COLLEGE MATH*, THEOLOGY Elective, BIOL 101*, NURS 150, Soc 101

Spring Semester: COMM 101, PSYC 105, BIO 106+, KIN 149, NURS 160

Second Year

Fall Semester: BIO 211, BIO 202**, SOC 101, Humanities Elective, NURS 300

Spring Semester: Elective, PSYC 305, KIN 340, Humanities Elective, NURS 260, NURS 310

*Need in first year to progress to required second year sciences.

**Need in the fall so they meet prerequisite for NURS 310 in the spring.

+In not a strong student, they can move to spring of second year and move spring second year course to first year.

Philosophy

First Year

Fall Semester: PHIL 101 or 201 or 207 or 217, general education requirements

Spring Semester: PHIL 201 or 207 or 217, general education requirements

Second Year

Fall Semester: PHIL 217, PHIL 201 or 207

Spring Semester: PHIL 201 or 207 or 208 or 217, PHIL 360

Physical Education

Physical education courses are offered in a three-semester rotation. Therefore, the semester the required courses are offered changes every year. See website for course rotation.

First Year

Fall Semester: KIN 113, KIN 149, BIOL 101 (of spring), KIN 220/221 or 222, if teaching—PSYC 105.

Spring Semester: KIN 206, KIN 220/221 or 222, PYSC 105, if teaching—EDUC 205

Second Year

Fall Semester: KIN 220/221 or 222, KIN 260, BIOL 202

Spring Semester: If teaching—PSYC 304, HIST 202, HEALTH 201

Please note: The following courses should be complete by the end of the Spring Semester: KIN 113, 220, 221, 222, 206. The rotation will affect which semester they take these courses. Also, they should take HED 201 and BIOL 202 when offered, as they may only be offered every two years.

Physics

First Year

Fall Semester: MATH 191*, General education electives

Spring Semester: MATH 191 or 192, CSCI 195, PHYS 251, General education electives

**Math sequence may change if student needs to begin at a lower level.*

Second Year

Fall Semester: PHYS 253, CHEM 105, MATH 291 or 192, General education electives

Spring Semester: PHYS 254, CHEM 106, General education

Political Science

First Year

Fall Semester: STAT 213, PSCI 101, PSCI Elective

Spring Semester: PSCI 102, PSCI elective, general education requirements

Second Year

Fall Semester: PSCI Elective, PSCI 307, general education requirements

Spring Semester: PSCI Elective, PSCI 308, general education requirements

Psychology (BA)

First Year

Fall Semester: PSYC 105, MATH 151

Spring Semester: PSYC 201 (for traditional students only), MATH 151 if not taken in fall.

Second Year

Fall Semester: STAT 213 (MATH 151 is a prerequisite), Any 200-level PSYC course or PSYC 305 for Pre-OT PSYC majors

Spring Semester: PSYC 215, Any 200-level PSYC course or PSYC 305 for Pre-OT PSYC majors

Psychology (BS)

First Year

Fall Semester: PSYC 105, BIOL 199 or 101, or CHEM 103 or 105, MATH 151

Spring Semester: BIOL 200 (if 199 taken in fall) or CHEM 106 (if 105 taken in fall), MATH 151, CSCI 120

Second Year

Fall Semester: STAT 213, BIOL 101 or 199, or CHEM 103 or 105, MATH 191 recommended

Spring Semester: PSYC 215, BIOL 200 (if 199 taken in fall) or CHEM 106 (if 105 taken in fall), One 300-level PSYC course (other than WI course)

Public Relations and Marketing Communication

First Year

Begin with general education coursework

Second Year

Fall Semester: COMM 232, COMM 230

Spring Semester: COMM 240

Radio/TV

First Year

Fall Semester: COMM 224, ENGL 101 or COMM 129, general education requirements

Sociology

First Year

SOC 101, SOC elective

Second Year

Fall Semester: SOC 220

Spring Semester: SOC 260, SOC elective

Sports Management

First Year

Fall Semester: KIN 190, KIN 192; ECON 101, 201 or 202, HIST 140 or SOC 101

Spring Semester: KIN 149; ACCT 201, COMM 240, any of the above

Second Year

COMM 240, FNCE 300, KIN 190, KIN 192

Theatre

First Year

Fall Semester: THTR 202 or 205

Spring Semester: THTR 205

Second Year

Fall Semester: THTR 209 or 304

Spring Semester: THTR 304 or Elective

Theology

First Year

Fall Semester: THEO 101

Spring Semester: THEO 130 or 132

Second Year

Fall Semester: THEO 130 or 132, THEO 107, THEO 200-Level Elective

Spring Semester: THEO 200-Level Elective

Women's Studies

1st year students -

WMST 201: Cross-Cultural Introduction to Women's Studies. **REQUIRED.** This course may also be taken later in the sequence, but is the introduction to the field.

Choose 2-3 from below:

COMM 203: Interpersonal Communication

SVLN 201: Service Learning

ENGL 222: Women's Literature

PSYCH 203 Psychology of Gender

(Other 200 level courses may also be possible, if students have taken necessary prerequisites in the Fall).

WMST 310- Topics courses may be taken after WMST 201 or with instructor permission

2nd year students:

Choose 2-3 from below:

SOC 240 Race and Ethnicity

SOC 225 Sex and Gender

THEO 324-A Women Theologians

WMST 310- Topics courses and other 300 level affiliate courses may be taken after WMST 201 or with instructor permission

