B.S. in SCIENCE

GENERAL OPTION

MAJOR REQUIREMENTS

PRESCRIBED COURSES

- BIOL 110, 4 credits\textsuperscript{1,2}
- CHEM 110, 3 credits\textsuperscript{1,2}
- CHEM 111, 1 credits
- CHEM 112, 3 credits
- CHEM 113, 1 credits
- MATH 140, 4 credits\textsuperscript{1,2}
- MATH 141, 4 credits

OPTION REQUIREMENTS

ADDITIONAL COURSES

Select 4 credits from BIOL 129, BIOL 220, BIOL 230, BIOL 240 or BIOL 141 and 142.
- __________________________

Select 3-4 credits from STAT 200, STAT 250, STAT 301 or STAT 401.
- __________________________

Select 8-12 credits from the following*:

- PHYS 211\textsuperscript{1,2}, 4 credits
- PHYS 212, 4 credits
- PHYS 213, 2 credits
- PHYS 214, 2 credits
- PHYS 250\textsuperscript{1,2}, 4 credits
- PHYS 251, 4 credits

*Must complete one sequence in its entirely.

SUPPORTING COURSES

Select 3 credits from Earth & Mineral Sciences (Includes EARTH, GEOG, GEOSC, METEO, MATSE and EM SC.)
- __________________________

Select 3 credits in Global, Social and Personal Awareness (See Program List.)
- __________________________

Select 3 credits in Teamwork and Interpersonal Communication (See Program List.)
- __________________________

Select 9 credits in 400-Level Life, Mathematical, or Physical Sciences\textsuperscript{1}(Includes BMB, BIOL, MICRB, CMPSC, CSE, MATH, STAT, ASTRO, CHEM, and PHYS. See Program List for exclusions.)
- __________________________
- __________________________
- __________________________

Select 9 credits in Life, Mathematical, or Physical Sciences\textsuperscript{1}(Includes BMB, BIOL, MICRB, CMPSC, CSE, MATH, STAT, ASTRO, CHEM, and PHYS. See Program List for exclusions.)
- __________________________
- __________________________
- __________________________

Select 6 credits of 400-Level Coursework (See Program List)
- __________________________
- __________________________
- __________________________

Select 20-26 credits in consultation with your advisor
- __________________________
- __________________________
- __________________________
- __________________________
- __________________________
- __________________________
- __________________________
- __________________________
B.S. in Science

GENERAL OPTION

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>FIRST YEAR SEMINAR</th>
<th>HUMANITIES, 6 credits</th>
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<tbody>
<tr>
<td>□ PSU 16, 1 credit</td>
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<tr>
<td>US and INTERNATIONAL CULTURES³</td>
<td>□ ____________________ (US)</td>
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<tr>
<td></td>
<td>□ ____________________ (IL)</td>
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<tr>
<td>ENGLISH, 3 credits</td>
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<tr>
<th>WRITING AND SPEAKING</th>
<th>Arts, 6 credits</th>
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<tr>
<td>□ ENGL 15, 3 credits</td>
<td>□ ____________________</td>
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<tr>
<td>□ CAS 100, 3 credits</td>
<td>□ ____________________</td>
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<tr>
<td>□ ENGL 202, 3 credits (A or C preferred)</td>
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<tr>
<th>Writing Across the Curriculum</th>
<th>Social &amp; Behavioral Sciences, 6 credits</th>
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<th>Health &amp; Physical Activity, 3 credits</th>
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This major requires 124 credits appropriate to the degree. At least 15 credits must be earned at the 400-level. Students must earn a 2.0 cGPA or higher and earn a C or better in BIOL 110, CHEM 110, MATH 140, PHYS 211 or 250, and 9 credits of 400-level Life, Mathematical or Physical Sciences. They must also satisfy the University’s First Year Seminar, International and US Cultures, and Writing Across the Curriculum requirements. At least 36 of the last 60 credits must be completed at the University, and the last 60 credits within the past 5 calendar years.

(1) A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44.

(2) Course is ETM Requirement. Students must receive a C or better grade in all ETM courses prior to entering the major.

(3) Included in GENERAL EDUCATION course selection or MAJOR REQUIREMENTS.
**B.S. in Science, General Option**

**List 1 Teamwork and Interpersonal Communications**
- CAS 203 (GS) Interpersonal Communication (3)
- CAS 252 Business and Professional Communication (3)
- CAS 253 Health Communication (3)
- CAS 271 (US;IL) Intercultural Communication (3)
- HD FS 216 Personal & Interpersonal Skills (2)
- PSYCH 140 Management of Interpersonal Relationships (3)
- PSYCH 221 (GS) Social Psychology (3)
- PSYCH 232 (GS;US;IL) Cross-Cultural Psychology (3)
- SOC 003 (GS) Intro to Social Psychology (3)
- SOC 404 Social Influence and Small Groups (3)

**List 2 Global, Social and Personal Awareness**
- AAA S 103 (US) (SOC 103, WMNST 103) Racism and Sexism (3)
- AAA S 302 (US) (BB H 302) Diversity and Health (3)
- ANTH 045 (GS; US; IL) Cultural Anthropology (3)
- HD FS 129 (GS) Introduction to Human Development and Family Studies (3)
- HD FS 229 (GS) Infant and Child Development (3)
- HD FS 239 (GS) Adolescent Development (3)
- HD FS 249 (GS) Adult Development and Aging (3)
- HD FS 315 (US) Family Development (3)
- PSYCH 212 (GS) Introduction to Developmental Psychology (3)
- PSYCH 231 (GS;US) Introduction to the Psychology of Gender (3)
- PSYCH 232 (GS;US;IL) Cross-Cultural Psychology (3)
- PSYCH 260 (BB H 203) Neurological Basis of Human Behavior (3)
- PSYCH 270 Introduction to Abnormal Psychology (3)
- PSYCH 370 (US) Psychology of the Differently-Abled (3)
- RL ST 001 (GH;US;IL) Introduction to World Religions (3)
- SOC 001 (GS) Introductory Sociology (3)
- SOC 005 (GS) Social Problems (3)
- SOC 119 (GS;US) Race and Ethnic Relations (4)

*Please note pre-requisites and co-requisites when selecting course options for your program.*
Students may select supporting courses from nearly the entire range of the University’s course offerings. However, the following courses may **NOT** be used to satisfy degree requirements in the Science and Premedicine majors. This list applies to ALL options in the Science BS major.

- **BIOL**: 001, 003, 011*, 012*
- **BI SC**: 001, 002, 003*, 004*
- **B M B**: 001*
- **CAS**: 126
- **CHEM**: 001, 003, 005, 101, 108
- **CMPSC**: 100
- **ENGL**: 004, 005
- **ESL**: 004, 005
- **LL ED**: 005, 010
- **MATH**: 003, 004, 010, 017, 018, 021, 022, 026, 030, 033, 034, 035, 036, 040, 041, 081, 082, 083, 097, 110, 111, 200
- **PHYS**: 001, 010, 097, 114, 150, 151
- **STAT**: 100

*On rare occasions, with adequate justification, a student may be permitted to use one or more of these courses to satisfy degree requirements. A petition must be submitted to request such an exception. Consult with your academic advisor.

In addition, the following types of courses may not be used to satisfy degree requirements in the Science or Premedicine majors:

- Courses which are remedial in nature or which focus on reading improvement or study skills.
- Courses which substantially duplicate the subject matter covered in other completed courses taught at a comparable level.

Some courses may be counted toward degree requirements in the Science and Premedicine majors with some restrictions:

- No more than 4 credits of MATH 140A may be used.
- No more than 6 credits of ROTC courses (AIR, ARMY, NAVSC) may be used.
- No more than 12 credits of independent study (296, 496, etc.) may be used.
  - **Unless special permission is granted, Independent Study credit may only be used in “Supporting Courses” and “Any 400-level Course Work” categories.**
- No more than 5 credits of KINES Physical Activity courses may be used.
  - **KINES Health Courses (KINES 180, etc.) are not limited to 5 credits.**