B.S. in SCIENCE

BIOLOGICAL SCIENCES AND HEALTH PROFESSIONS OPTION

MAJOR REQUIREMENTS

PRESCRIBED COURSES

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

OPTION REQUIREMENTS

PRESCRIBED COURSES

- HPA 101

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 6-8 credits from the following*:
- CHEM 210, 3 credits
- CHEM 212, 3 credits
- CHEM 213, 2 credits
- CHEM 202, 3 credits
- CHEM 203, 3 credits

*Must complete one sequence in its entirely.

Select 3 credits from BMB 211, BMB 251, MICRB 201, BIOL 222, or BIOL 322
- ____________________________

Select 8-12 credits from the following*:
- PHYS 211\(^{1,2}\), 4 credits
- PHYS 212, 4 credits
- PHYS 213, 2 credits
- PHYS 214, 2 credits
- PHYS 250\(^{1,2}\), 4 credits
- PHYS 251, 4 credits

*SUPPORTING COURSES

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

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

Select 6 credits from 400-Level Healthcare/Medicine/Ethical Competencies. (See Program List.)
- ____________________________
- ____________________________

Select 9 credits from Healthcare/Medicine/Ethical Competencies. (See Program List.)
- ____________________________
- ____________________________
- ____________________________

Select 9 credits from 400-Level BMB, BIOL, BIOTC or MICRB. \(^{1}\)
- ____________________________
- ____________________________
- ____________________________

Select 9-16 credits in consultation with advisor.
- ____________________________
- ____________________________
- ____________________________
- ____________________________

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 from 400-Level BMB, BIOL, BIOTC or MICRB. \(^{1}\)
- ____________________________
- ____________________________
- ____________________________

Select 9-16 credits in consultation with advisor.
- ____________________________
- ____________________________
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- ____________________________
- ____________________________
- ____________________________
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- ____________________________
B.S. in Science

BIOLOGICAL SCIENCES AND HEALTH PROFESSIONS OPTION

GENERAL EDUCATION REQUIREMENTS

FIRST YEAR SEMINAR

☐ PSU 16, 1 credit

US and INTERNATIONAL CULTURES

☐ ___________________________ (US)
☐ ___________________________ (IL)

WRITING AND SPEAKING

☐ ENGL 15, 3 credits
☐ CAS 100, 3 credits
☐ ENGL 202, 3 credits (A or C preferred)

Writing Across the Curriculum

☐ ___________________________
☐ ___________________________
☐ ___________________________

HUMANITIES, 6 credits

☐ ___________________________
☐ ___________________________

Arts, 6 credits

☐ ___________________________

Social & Behavioral Sciences, 6 credits

☐ ___________________________
☐ ___________________________

Health & Physical Activity, 3 credits

☐ ___________________________
☐ ___________________________
☐ ___________________________

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.
### 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)

### List 3 Healthcare/Medicine/Ethical Competencies*
#### A. Healthcare/Medicine Competencies
- ANTH 021 (GN) Introductory Biological Anthropology (3)
- ANTH 022 (GN) Humans as Primates (3)
- BB H 101 (GHA) Introduction to Biobehavioral Health (3)
- BB H 143 (GHA) Drugs, Behavior, Health (3)
- BB H 302 (US) (AAA S 302) Diversity and Health (3)
- BB H 432 Biobehavioral Aspects of Stress (3)
- BB H 440 (US;IL) (H P A 440) Principles of Epidemiology (3)
- BB H 446 Human Sexuality as a Health Concern (3)
- BB H 451 Pharmacological Influences on Health (3)
- BB H 458 (WMNST 458) Critical Issues in Reproduction (3)
- BIOL 129 Mammalian Anatomy (4)
- CAS 453 Health Communication Theory and Research (3)
- CSD 146 (US;IL) Introduction to Communication Science and Disorders (3)
H P A 057 (GHA) Consumer Choices in Health Care (3)
H P A 310 Health Care and Medical Needs (3)
H P A 401 (IL) Comparative Health Systems (3)
H P A 420 Principles of Managed Care (3)
HIST 103 (GH;IL) The History of Madness, Mental, and Psychiatry (3)
HIST 124 (GH;US;IL) (S T S 124) History of Western Medicine (3)
KINES 060 Principles and Practices of Healthy Living (3)
KINES 082 (GHA) Action methods for Stress Management (3)
KINES 202 Functional Human Anatomy (4)
KINES 203 Medical Terminology (3)
KINES 303 (GHA) Emergency Care – First Aid/Safety/AED (3)
KINES 403 Emergency Medical Technology (4)
NURS 452 (US) (BB H 452, WMNST 452) Woman’s Health Issues (3)
NURS 464 (US;IL) Dying and Death (3)
NURS 497E Men’s Health Issues (3)
PSYCH 422 Human Sexuality (3)
PSYCH 441 Health Psychology (3)
PSYCH 470 Abnormal Psychology (3)
PSYCH 479 (WMNST 471) Psychology of Gender (3)
PSYCH 481 Introduction to Clinical Psychology (3)
RHS 403 Medical Aspects of Disability (3)
SC 201 Medical Professions (1)
SC 401 Basic Science and Disease (1)
SOC 174 Psychological and Sociological Aspects of Death (3)
SOC 309 Sociology of Health (3)

B. Ethical Competencies
H P A 301 Health Services Policy Issues (3)
HD FS 301 Values and Ethics in Health and Human Development (3)
PHIL 001 (GH) Basic Problems of Philosophy (3)
PHIL 103 (GH) Introduction to Ethics (3)
PHIL 110 (GH) Introduction to Philosophy of Science (3)
PHIL 132 (GH) (RL ST 131) Introduction to Bioethics (3)
PHIL 221 Philosophy of Science (3)
PHIL 410 Philosophy of Science (3)
PHIL 432 (S T S 432) Medical and Health Care Ethics (3)
S T S 200 (GS) Critical Issues in Science, Technology, and Society (3)

*Please note pre-requisites and co-requisites when selecting course options for your program.