

Secondary Education - Biology, B.S.

College of Education

General Education Curriculum (GEC) Requirements "At - a - Glance"

(Full GEC requirements can be found on pages 48-49)

The GEC contains 24 Learning Objectives organized under five General Education Learning Outcomes (GLOs). To complete the GEC, select at least one course for each objective. Many courses will meet more than one objective, but a minimum of 40 distinct hours in the GEC is required.

1. Effective Written & Oral Communication

- a. Eng 100, 101 _____
- b. Eng 121 _____
- c. Fys 100, 150 _____
- d. Eng 100, 101 _____

2. Critical & Creative Thinking

- a. Eco 100, Phi 151, 152, Psy 100 _____
- b. Eco 100, Phi 151, 152, Pos 101, Psy 100, Soc 100 _____
- c. Eng 121 _____
- d. Art 103, 108, 120, 121, Eng 211 _____
- e. Art 107, Art/Eng 116, Eng 151 _____
- f. Eng 121 _____

3. Quantitative & Scientific Reasoning

- a. Mat 101, 117, 121, 131, 140, 201 or higher, Phy 153,154 ... _____
- b. Mat 101, 117, 121, 131, 140, 201 or higher, Phy 153,154 ... _____
- c. Bio 103, 104, 105, 112, 260, 261, 262, 300, Hpr 101 _____
- d. Chy 111, 112,122, 221, 222, Env 110, 120, 125, 201, 301, 302, 308, Gey 112, 114, Phy 153, 154 _____
- e. Bio 105, 112, 113, 260, 261, 262, Chy 111, 112, 122, 221, 222, Env 308, Gey 112, 114, Phy 153, 154 _____

4. Information Literacy

- a. Fys 100, 150 _____
- b. Eng 121 _____
- c. Phi 151, 152, Swk 202 _____

5. Global Consciousness & Intercultural Awareness

- a. Ant 100, 110, Geo 100, Soc 100, Swk 305, Wab 110, Wst 101 _____
- b. Hty 115, 116, 161, 162 _____
- c. Asl 101, Chi 101, 102, Fre 101, 102, 201, 202, Rus 101, Spa 101, 102, Wab 100, 105 _____
- d. Phi 151, 152, Pos 211, Swk 202 _____
- e. Pos 101, 211, 231 _____

PROFESSIONAL EDUCATION – 36 CREDIT HOURS

Edu 150 Exploring Education in Contemporary America	3
Edu 200 The Learner and the Learning Process	3
Edu 261 Educational Technology in the Classroom	3
Edu 310 The Teaching Process	3
Edu 353 Reading and Writing in the Content Area	3
Edu 363 Teaching Science in the Secondary School	3
Edu 387 Teaching Students with Special Needs	3
Edu 395 Internship in Teacher Education	3
Edu 495 Student Teaching	12

BIOLOGY CONCENTRATION – 34-38 CREDIT HOURS

Bio 112 General Biology I	4
Bio 113 General Biology II	4
Bio 200 Research Methods in Biology	3
Bio 261 Human Anatomy & Physiology I <i>AND</i>	
Bio 262 Human Anatomy & Physiology II	8
<i>OR</i> Bio 306 Comparative Physiology	4
Bio 316 General Microbiology	4
Bio 350 Genetics	4
Ecy 355 General Ecology	4
Chy 111 General Chemistry	4
Mat 201 Probability & Statistics I	3

SELECT GENERAL ELECTIVES TO BRING TOTAL EARNED HOURS TO 120

Total credits required for degree: 120
Minimum cumulative GPA for graduation: 2.50
Cumulative GPA in major and concentration: 2.50
Cumulative GPA professional education sequence: 2.50
Minimum cumulative GPA for student teaching: 2.50