

Environmental Science & Sustainability, B.S.

SUSTAINABLE AGRICULTURE CONCENTRATION - College of Arts & Sciences

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 _____

CORE COURSES – 10 CREDIT HOURS

Env 110 Introduction to Environmental Science	3
Mat 201 Probability and Statistics I	3
Env 308 GIS I: Fundamentals of GIS	4

SUSTAINABLE AGRICULTURE – 26 CREDIT HOURS MINIMUM

Select a minimum of 26 credit hours from the following courses:

Bio 104 Introduction to Human Nutrition	3
Bio 112 General Biology I	4
Bio 230 Plant and Crop Science	4
Bio 240 Animal Science	4
Bio 316 Microbiology	4
Chy 111 General Chemistry I	4
Ecy 355 General Ecology	4
Env 200 Principles of Sustainable Agriculture	3
Env 210 Soil Science	4
Env 220 Integrated Pest Management	3
Gey 112 Fundamentals of Geology	4
Gey 213 Environmental Geology	3

ENERGY AND CLIMATE CHANGE – 9 CREDIT HOURS MINIMUM

Select ONE course from Group A and ONE course from Group B, plus ONE additional course from Group A OR Group B:

Group A:

Env 125 Introduction to Energy	3
Env 130 Renewable Energy Resources	3
Env 201 Fossil Fuels	3

Group B:

Env 301 Climate Change	3
Env 302 Biodiversity and Climate Change	3
Pos 310 Energy Law & Policy	3

BUSINESS MANAGEMENT – 9 CREDIT HOURS

Select THREE of the following courses for a total of 9 credit hours:

Bus 150 Introduction to Financial Accounting	3
Bus 200 Intermediate Business Computing	3
Bus 330 Marketing Management	3
Bus 431 Entrepreneurship	3
Eco 207 Macro & Micro Economics	3

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- 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 _____

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PRACTICAL LEARNING EXPERIENCE – 3 CREDIT HOURS MINIMUM

Select at least ONE of the following (as approved by student's advisor):

Ant 377 Archaeology Field School	3-6
Env 408 Applications & Advanced Spatial Analysis	4
Env 397 or 497 Independent Study	3
Env 495 Internship (approved by advisor)	4
Sci 480 Research Methods in Science	3

SELECT GENERAL ELECTIVES TO BRING TOTAL EARNED HOURS TO 120

Total credits required for degree: 120

Minimum cumulative GPA for graduation: 2.00

Cumulative GPA in the major and concentration: 2.25