

PROGRAM CODE  
ULASENVRA  
EFFECTIVE DATE  
1/24/2022  
VERSION NUMBER  
2222

COLLEGE OF LIBERAL ARTS AND SCIENCES

ENVIRONMENTAL SCIENCE

BACHELOR OF SCIENCE

REGENERATIVE ORGANIC AGRICULTURE TRACK

STUDENT NAME:

: ID NUMBER

MAJOR PROGRAM

Environmental Science Core		
REQUIRED COURSES	CR	GRADE
ENV 100: INTRODUCTION to ENVIRONMENTAL SCIENCE	3	
ENV 210: ENVIRONMENTAL GEOLOGY	3	
ENV 220: ENVIRONMENTAL ANALYSIS	3	
ENV 222: ENVIRONMENTAL BIOLOGY or BIO 244: ECOLOGY	3-4	
GEG 274: INTRO. to GEOGRAPHIC INFORMATION SYSTEMS	3	
ENV 380: SENIOR SEMINAR	2	
<b>TOTAL CREDITS</b>	<b>17 - 18</b>	

Regenerative Agriculture Track		
REQUIRED COURSES (8 credits)	CR	GRADE
ENV 201: FUNDAMENTALS of REGENERATIVE AGRICULTURE	1	
ENV 202: CONCEPTS of FOOD JUSTICE	1	
ENV 203: CONCEPTS of SOIL SCIENCE	1	
ENV 204: CLIMATE CHANGE and AGRICULTURE	1	
ENV 205: DISEASES of FIELD CROPS	1	
ENV 206: AGRICULTURAL ENTOMOLOGY	1	
ENV 207: SOIL ANALYSIS	1	
ENV 208: BIOGEOCHEMICAL CYCLES	1	
REQUIRED FIELD COURSE + ELECTIVES (9 credits)		
ENV 200: REGENERATIVE FIELD LAB (1 cr) <sup>1</sup>	6	
ENV 3XX: ELECTIVES <sup>2</sup>	3	
<b>TOTAL CREDITS</b>	<b>17</b>	

NOTES:

1. THIS COURSE IS ONE CREDIT AND IS TO BE TAKEN 6 TIMES.
2. RESEARCH or INTERNSHIP in AGRICULTURE DURING A GROWING SEASON WITH PRIOR APPROVAL BY PROGRAM COORDINATOR.
3. A GRADE OF C OR BETTER FOR BIO 104 IS REQUIRED TO BE COUNTED AS A PREREQUISITE.
4. RECOMMENDED TO BE USED FOR COMPLETING 1 OR 2 MINORS IN BIO, CHM, GEG OR GEL.

Check Sheet Last Revised: 2/25/2020

CONCOMITANT COURSES

COURSE	CR	GRADE
<b>Biology</b>		
BIO 104: PRINCIPLES of BIOLOGY <sup>3</sup>	4	
BIO 106 INTRODUCTION to ZOOLOGY	4	
BIO 108: INTRODUCTION to BOTANY	4	
<b>Chemistry</b>		
CHM 100: GENERAL CHEMISTRY I (GE C1)	▲	
CHM 102: GENERAL CHEMISTRY II	4	
CHM 204: FUNDAMENTALS of ORGANIC CHEMISTRY	4	
<b>Geography</b>		
GEG 010: ELEMENTS of PHYSICAL GEOGRAPHY	3	
<b>Geology</b>		
GEL 100: PHYSICAL GEOLOGY (GE C2)	▲	
<b>Mathematics</b>		
MAT 106: TRIGONOMETRY (3 cr) <i>or</i> MAT 115: PRECALCULUS (3 cr) <i>or</i> MAT 181: CALCULUS I (4 cr)	3-4	
<b>Physics</b>		
PHY 040: GENERAL PHYSICS I (4 cr) <i>or</i> (GE C3)	▲	
PHY 100: PHYSICS I (4 cr)		
<b>TOTAL CREDITS</b>	<b>26-27</b>	

FREE ELECTIVES<sup>4</sup>

COURSE	CR	GRADE
<b>TOTAL CREDITS</b>	<b>13 - 15</b>	

GRADUATION REQUIREMENTS

	REQUIRED	✓		REQUIRED	✓
	GENERAL EDUCATION CREDITS	45		COMPREHENSIVE EXAM	PASS
	PROGRAM CREDITS (MINIMUM)	60		MINIMUM QPA OVERALL	2.0
	FREE ELECTIVES	15		MINIMUM QPA IN MAJOR	2.0
	TOTAL CREDITS (120 MIN NEEDED TO GRADUATE)	120			

NAME	EFFECTIVE DATE AUGUST 27, 2018
ID NUMBER	VERSION 2188

# KUTZTOWN

## UNIVERSITY

### DEGREE REQUIREMENTS

## GENERAL EDUCATION

### Student Learning Outcomes (SLO)

Upon completion of the requirements for the General Education Program, students will be able to:

- 1 communicate clearly and effectively orally and in writing.
- 2 apply scientific and quantitative reasoning to solve problems and increase knowledge.
- 3 apply skills in critical analysis and reasoning for the interpretation of data.
- 4 engage critically with creative or artistic works.
- 5 demonstrate the ability to retrieve, interpret, evaluate, and use information.
- 6 analyze the role of values, ethics, diversity, and multiple perspectives in local and global society.
- 7 demonstrate an understanding of various models for the development of the whole person.

Completion of the KU General Education program will give students opportunities to:

- 8 explore concepts, ideas, and methods from a variety of disciplines.

Use this checksheet to plan your degree program. Meet every semester with your academic advisor to be sure that you are taking courses that are required to obtain the degree you are seeking. Discuss your goals and choose courses that will help you to attain them. Get the most out of your education by taking advantage of everything that Kutztown University has to offer.

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**TOTAL GENERAL EDUCATION CREDITS 42-45**

FIND A FULL EXPLANATION OF THE GENERAL EDUCATION PROGRAM AT [WWW.KUTZTOWN.EDU](http://WWW.KUTZTOWN.EDU)

<b>First Year Seminar: Discovering College</b>	<b>CREDITS REQUIRED</b>	<b>3</b>
THIS COURSE MEETS SLO <b>5</b> & <b>7</b>		<b>CREDITS EARNED:</b>

COURSE NUMBER	COURSE NAME	CR	GR
FYS 100	First Year Seminar		

TRANSFER STUDENTS TRANSFERRING 15 CREDITS OR MORE AND NOT TRANSFERRING AN FYS OR FYE COURSE MAY SELECT ANY ADDITIONAL COURSE FROM SECTIONS A, B, C, OR D TO MEET THEIR FYS REQUIREMENT

TRANSFER ELECTIVE:

<b>A</b>	<b>Communicating With And About the World</b>	<b>CREDITS REQUIRED</b>	<b>12</b>
THESE COURSES MEET SLO <b>1</b> & <b>5</b>		<b>CREDITS EARNED:</b>	

COURSE NUMBER	COURSE NAME	CR	GR
<b>1</b>	COMPOSITION 100 LEVEL CMP 1__		
<b>2</b>	COMPOSITION 200 LEVEL CMP 2__		
<b>3</b>	SPEAKING		
<b>4</b>	ANY WRITING (A2) OR SPEAKING COURSE (A3) OR FROM THE APPROVED LIST		

COURSES IN CATEGORIES B, C & D MUST BE TAKEN OUTSIDE THE STUDENT'S MAJOR. THE MAJOR IS DEFINED AS THE PREFIX THAT IDENTIFIES THE MAJOR. CONCOMITANT REQUIREMENTS MAY BE TAKEN TO MEET GENERAL EDUCATION REQUIREMENTS.

<b>B</b>	<b>Understanding Self &amp; Others</b>	<b>CREDITS REQUIRED</b>	<b>9</b>
THESE COURSES MEET SLO <b>3</b> & <b>6</b>		<b>CREDITS EARNED:</b>	

COURSE NUMBER	COURSE NAME	CR	GR
<b>1</b>			
<b>2</b>			
<b>3</b>			

<b>C</b>	<b>Understanding Science &amp; Technology</b>	<b>CREDITS REQUIRED</b>	<b>9-12</b>
THESE COURSES MEET SLO <b>2</b> & <b>3</b>		<b>CREDITS EARNED:</b>	

COURSE NUMBER	COURSE NAME	CR	GR
<b>1</b>	SCIENTIFIC INQUIRY		
<b>2</b>	QUANTITATIVE REASONING		
<b>3</b>	ANY COURSE APPROVED FOR C1 OR C2		

<b>D</b>	<b>Understanding &amp; Creating Ideas</b>	<b>CREDITS REQUIRED</b>	<b>9</b>
THESE COURSES MEET SLO <b>4</b> & <b>6</b>		<b>CREDITS EARNED:</b>	

COURSE NUMBER	COURSE NAME	CR	GR
<b>1</b>			
<b>2</b>			
<b>3</b>			

**B.S. Environmental Science/Regenerative Organic Agriculture  
Example 4-Year Schedule**

<b>ULASENVRA</b>	<b>First Semester Suggested Advising for Connections</b>
ENV 100	***If ENV 100 is full, enroll in BIO104
ENV 200	
ENV 201	
GEL 100	
*MAT 105, 106, 115, or 181 depending on ALEKS placement score.	
FYS	

<b>Freshman - Fall</b>	<b>Cr</b>	<b>Freshman - Spring</b>	<b>Cr</b>
ENV 100 - Intro to Env Sci	3	ENV 200 (2/6)	1
ENV 200 (1/6)	1	ENV 202	1
ENV 201	1	BIO 104 – Principles of Biology	4
GEL100 - Physical Geology (C2)	4	GEG 010 - Elem Phys Geography	3
MAT 106 - Trigonometry	3	Gen Ed (A1 - CMP 1XX)	3
FYS - First Year Seminar	3	Gen Ed (B1)	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>

<b>Sophomore - Fall</b>	<b>Cr</b>	<b>Sophomore - Spring</b>	<b>Cr</b>
ENV 200 (3/6)	1	ENV 200 (4/6)	1
ENV 203	1	ENV 204	1
BIO 108 - Intro to Botany	4	BIO 106 – Intro to Zoology	4
GEG 274 - Intro to GIS	3	CHM 100 – Gen Chem I (C1)	4
Gen Ed (A2 - CMP2XX)	3	Gen Ed (A3)	3
Gen Ed (D1)	3	Gen Ed (B2)	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>16</b>

<b>Junior - Fall</b>	<b>Cr</b>	<b>Junior - Spring</b>	<b>Cr</b>
ENV 200 (5/6)	1	ENV 3XX	3
ENV 205	1	ENV 206	1
ENV 210 - Env Geology	3	ENV 222 - Env Biology	3
CHM 102 – Gen Chem II	4	ENV 220 – Env Analysis	3
Gen Ed (A4)	3	Gen Ed (D2)	3
Free Elective	3	Gen Ed (B3)	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>16</b>

<b>Senior - Fall</b>	<b>Cr</b>	<b>Senior - Spring</b>	<b>Cr</b>
ENV 200 (6/6)	1	ENV 208	1
ENV 207	1	ENV 380 – Senior Seminar	2
PHY 040 or 100 (C3)	4	Gen Ed (D3)	3
CHM 204 – Fund. of Organic Chem	4	Free Elective	3
Free Elective	3	Free Elective	3
		Free Elective	3
<b>Total</b>	<b>13</b>	<b>Total</b>	<b>15</b>