

PROGRAM CODE ULASENVGO EFFECTIVE DATE 8/27/2018 VERSION NUMBER 2188	COLLEGE OF LIBERAL ARTS AND SCIENCES	
	<h1 style="text-align: center;">ENVIRONMENTAL SCIENCE</h1> <hr/> <p style="text-align: center;"><i>BACHELOR OF SCIENCE</i></p>	
	GEOLOGY 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	3	
ENV 380: SENIOR SEMINAR	2	
TOTAL CREDITS	14	

Geology Track		
REQUIRED COURSES	CR	GRADE
GEL 100: PHYSICAL GEOLOGY	4	
GEL 102: HISTORICAL GEOLOGY	4	
GEL 200: FIELD GEOLOGY	3	
GEL 304: STRUCTURAL GEOLOGY	4	
GEL 358: GENERAL GEOPHYSICS	3	
GEL 362: HYDROGEOLOGY	3	
GEL 2XX OR 3XX:	3/4	
GEL OR ENV 2XX OR 3XX:	3/4	
TOTAL CREDITS	27-29	

NOTES:

1. A GRADE OF C OR BETTER FOR BIO 104 IS REQUIRED TO BE COUNTED AS A PREREQUISITE.

2. PSY 11 IS A PREREQUISITE FOR PSY 200.

3. CHOICE OF COURSES MADE WITH ADVISOR FROM A LIST MAINTAINED BY ENVIRONMENTAL SCIENCE COMMITTEE.

▲ INDICATES COURSES REQUIRED FOR THE MAJOR, BUT MAY BE USED TO SATISFY REQUIREMENTS OF GENERAL EDUCATION. THESE UNITS ARE ONLY COUNTED UNDER GENERAL EDUCATION.


Check Sheet Last Revised: 1/16/2019

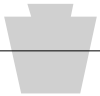
CONCOMITANT COURSES

COURSE	CR	GRADE
Biology		
BIO 104: PRINCIPLES of BIOLOGY ¹ (4 cr) (GE C1)	▲	
BIO 106 INTRODUCTION to ZOOLOGY <i>or</i> BIO 108: INTRODUCTION to BOTANY	4	
Chemistry		
CHM 100: GENERAL CHEMISTRY I (4 cr) (GE C2)	▲	
CHM 102: GENERAL CHEMISTRY II	4	
CHM 214: ORGANIC CHEMISTRY I <i>or</i> CHM 204: FUNDAMENTALS of ORGANIC CHEMISTRY	4	
Geography		
GEG 010: ELEMENTS of PHYSICAL GEOGRAPHY	3	
GEG 274: INTRODUCTION to GIS	3	
Mathematics		
MAT 106: TRIGONOMETRY (3 cr) <i>or</i> MAT 115: PRECALCULUS (3 cr) <i>or</i> MAT 181: CALCULUS I (4 cr)	3/4	
MAT 140: APPLIED STATISTICS <i>or</i> MAT 150: INTRO to BIOSTATISTICS <i>or</i> PSY 200: STATS for SOCIAL & BEHAV. SCI. ²	3	
Physics		
PHY 40: GENERAL PHYSICS I (4 cr) <i>and</i> (GE C3)	▲	
PHY 42: GENERAL PHYSICS II	4	
<i>or</i> PHY 100: PHYSICS I <i>and</i> PHY 102: PHYSICS II		
Restricted Electives³		
(3 cr)	▲	
(3 cr)	▲	
TOTAL CREDITS	28-29	

FREE ELECTIVES

COURSE	CR	GRADE
TOTAL CREDITS	3-6	

GRADUATION REQUIREMENTS						
		REQUIRED	✓		REQUIRED	✓
	GENERAL EDUCATION CREDITS	42-45		COMPREHENSIVE EXAM	PASS	
	PROGRAM CREDITS (MINIMUM)	69		MINIMUM QPA OVERALL	2.0	
	FREE ELECTIVES	3-6		MINIMUM QPA IN MAJOR	2.0	
	TOTAL CREDITS	120				

NAME			<h1>KUTZTOWN</h1> <h2>UNIVERSITY</h2>			
EFFECTIVE DATE FALL 2018 GENERAL EDUCATION VERSION 2188						
DEGREE REQUIREMENTS						
GENERAL EDUCATION						
<h3>Student Learning Outcomes (SLO)</h3> <p>Upon completion of the requirements for the General Education Program, students will be able to:</p> <ol style="list-style-type: none">communicate clearly and effectively orally and in writing.apply scientific and quantitative reasoning to solve problems and increase knowledge.apply skills in critical analysis and reasoning for the interpretation of data.engage critically with creative or artistic works.demonstrate the ability to retrieve, interpret, evaluate, and use information.analyze the role of values, ethics, diversity, and multiple perspectives in local and global society.demonstrate an understanding of various models for the development of the whole person.explore concepts, ideas, and methods from a variety of disciplines.						
<p>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 attain 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.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>			<h4>First Year Seminar: Discovering College</h4>		CREDITS REQUIRED	3
			THESE COURSES MEET SLO 5 & 7		CREDITS EARNED:	
			COURSE NUMBER	COURSE NAME	GR	CR
			FYS 100	First Year Seminar		
			TRANSFER STUDENTS TRANSFERRING 30 CREDITS OR MORE AND NOT TRANSFERRING AN FYS OR FYE COURSE MAY SELECT ANY APPROVED GENERAL EDUCATION COURSE TO MEET THEIR FYS REQUIREMENT.			
TRANSFER ELECTIVE:						
<h4>A Communicating With And About the World</h4>			CREDITS REQUIRED	12		
THESE COURSES MEET SLO 1 & 5			CREDITS EARNED:			
COURSE NUMBER	COURSE NAME	GR	CR			
1	COMPOSITION 100 LEVEL CMP 1__					
2	COMPOSITION 200 LEVEL CMP 2__					
3	SPEAKING					
4	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.						
<h4>B Understanding Self & Others</h4>			CREDITS REQUIRED	9		
THESE COURSES MEET SLO 3 & 6			CREDITS EARNED:			
COURSE NUMBER	COURSE NAME	GR	CR			
1						
2						
3						
<h4>C Understanding Science & Technology</h4>			CREDITS REQUIRED	9-12		
THESE COURSES MEET SLO 2 & 3			CREDITS EARNED:			
COURSE NUMBER	COURSE NAME	GR	CR			
1	SCIENTIFIC INQUIRY					
2	QUANTITATIVE REASONING					
3	ANY COURSE APPROVED FOR C1 OR C2					
<h4>D Understanding & Creating Ideas</h4>			CREDITS REQUIRED	9		
THESE COURSES MEET SLO 4 & 6			CREDITS EARNED:			
COURSE NUMBER	COURSE NAME	GR	CR			
1						
2						
3						
TOTAL GENERAL EDUCATION CREDITS 42-45						
FIND A FULL EXPLANATION OF THE GENERAL EDUCATION PROGRAM AT WWW.KUTZTOWN.EDU						

B.S. Environmental Science/Geology
Example Eight Semester Plan

ULASENVGO	First Semester Suggested Advising for Connections
ENV 100	***If ENV 100 is full, enroll in CHM 100
GEG 010	***If GEG 010 is full, enroll in CMP 100 or COM 010
GEL 100	
MAT 105, 106, 115, or 181	depending on ALEKS placement score.
FYS 100	

Freshman - Fall	Credits	Freshman - Spring	Credits
ENV 100	3	GEL 102	4
GEG 010	3	CHM 100	4
GEL 100	4		
MAT 106	3	COM 010 (A.3.)	3
FYS 100	3	CMP 100 (A.1.)	3
Total	16	Total	14
Sophomore - Fall		Sophomore - Spring	
BIO 104	4	BIO 106/GEG274	4/3
PHY 040	4	ENV 220	3
A. 2.	3	PHY 042	4
CHM 102	4	Restricted D.1.	3
Total	15	B. 1.	3
		Total	17/16
Junior - Fall		Junior - Spring	
CHM 214	4	ENV 222	3
GEG 274/BIO108	3/4	GEL 304	4
ENV 210	3		
GEL 200	3	GEL 362	3
MAT 140	3	B. 2.	3
Total	16/17	Total	13
Senior - Fall		Senior - Spring	
GEL 358	3	ENV 380	2
Restricted B.3.	3	GEL Elective	3
GEL Elective	3	A. 4.	3
D. 2.	3	D. 3.	3
Free Elective	3	Free Elective	3
Total	15	Total	14
Program Total	120		