

<b>PROGRAM CODE</b> UCOEELUMS
<b>EFFECTIVE DATE</b> FALL 2020
<b>VERSION NUMBER</b> 2208

**COLLEGE OF EDUCATION**  
**ELEMENTARY EDUCATION**  
BACHELOR OF SCIENCE IN EDUCATION

**4-8 MATHEMATICS AND SOCIAL STUDIES**

<b>STUDENT:</b>	<b>STUDENT ID NUMBER:</b>
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*CERTIFICATION COURSES*

<b>Professional Courses – Pre-Candidacy</b>			
COURSE	CR	GRADE	
ELU 212 TEACHING DIVERSE LEARNERS MID LEVEL ♣	3		
EDU 101 TEACHING PRE-K-8; EXPLOR. & INVESTIG. ♣ ♦	3		
ELU 226 TEACH MID LEVEL <u>OR</u> EDU 326 (pre-req. for Prosem) ♣	3		
SPU 201 COGNITIVE DEVEL. OF DIVERSE LEARNERS ♣ ♦	3		
SPU 314 EFFECTIVE INSTRUCTIONAL STRATEGIES ♣	3		
SPU 316 LITERACY DEV. CORE & INTERVENTION ♣ ♦	3		
LLT 321 TECHNOLOGY IN EDUCATION INSTRUCTION ♣ ♦	3		
<b>TOTAL CREDITS</b>	<b>21</b>		

<b>Natural Sciences</b>			
COURSE	CR	GRADE	
CHM 020 INTRODUCTION TO CHEMISTRY (LAB)	3		
BIO 010 (LAB) ♦	3		
PHY 020 INTRODUCTION TO PHYSICS (LAB)	3		
BIO 130 ENVIRONMENTAL ISS. GLOBAL PERSPECTIVE <u>OR</u> BIO 140 BIO & SOCIETY	3		
<b>TOTAL CREDITS</b>	<b>12</b>		

<b>Mathematics</b>			
COURSE	CR	GRADE	
MAT 103 FUNDAMENTALS OF MATH I ♣ ♦	3		
MAT 104 FUNDAMENTALS OF MATH II ♣ ♦	3		
MAT 040 GEOMETRY	3		
MAT 105 COLLEGE ALGEBRA	3		
MAT 122 APPLIED CALCULUS	3		
MAT 140 APPLIED STAT METHODS	3		
MAT 106 TRIGONOMETRY <u>OR</u> MAT 115 PRE CALCULUS <u>OR</u> MAT 123 DISCRETE MATH	3		
<b>TOTAL CREDITS</b>	<b>21</b>		

<b>Non-Directed General Education Courses</b>			
COURSE	CR	GRADE	
FYS 100 <u>OR</u> TRANSFER: Any approved Gen Ed Course	3		
<b>TOTAL CREDITS</b>	<b>3</b>		

- ♦ THESE COURSES ARE ALSO DIRECTED GENERAL EDUCATION COURSES
- ♣ THESE COURSES REQUIRE A GRADE OF C OR BETTER

<b>Social Sciences</b>			
COURSE	CR	GRADE	
AMERICAN HISTORY: HIS 025 ♦	3		
AMERICAN HISTORY: HIS 026 ♦	3		
WORLD HISTORY: HIS 014 ♦	3		
WORLD HISTORY: HIS 015 ♦	3		
ECONOMICS: ECO 010 ♦	3		
GEOGRAPHY: GEG 010 <u>OR</u> GEG 101	3		
POL 010 INTRODUCTION TO AMERICAN POLITICS	3		
<b>TOTAL CREDITS</b>	<b>21</b>		

<b>English/Language Arts &amp; Reading</b>			
COURSE	CR	GRADE	
CMP 100 LEVEL COURSE ♣ ♦	3		
CMP 200 RESEARCH AND COMPOSITION ♦	3		
ENG LITERATURE COURSE ♣	3		
COM 010 FUNDAMENTALS OF ORAL COMMUNICATION ♣ ♦	3		
ELU 221 LIT FOR UPPER ELEM & MIDDLE LEVEL LEARNERS ♣ (pre-requisite for ELU 331)	3		
ELU 331 TEACH & ASSESS LITERACY FOR MID LEV LRNERS ♣	3		
<b>TOTAL CREDITS</b>	<b>18</b>		

<b>Professional Semester – Teacher Candidacy Required</b>			
<i>Courses Scheduled in a block FALL SEMESTERS only (pre-req. to Clinical Experience)</i>			
COURSE	CR	GRADE	
ELU 342 TEACHING WRITING AT THE MID LEVEL ♣	3		
ELU 344 TEACHNG & ASSESS. SOCIAL STUDIES FOR MIDDLE LEVEL LEARNERS ♣	3		
ELU 346 MID LEVEL COGNITIVE DEVELOPMENT ♣	3		
ELU 347 TEACHING & ASSESS. MATH FOR MIDDLE LEVEL LEARNERS ♣	3		
ELU 349 TEACHING & ASSESS. SCIENCE FOR MIDDLE LEVEL LEARNERS ♣	3		
<b>TOTAL CREDITS</b>	<b>15</b>		

<b>Clinical Experience - FALL OR SPRING</b>			
COURSE	CR	GRADE	
ELU 392 CLINICAL EXPERIENCE I WITH MID LEVEL LEARNERS ♣	6		
ELU 393 CLINICAL EXPERIENCE II WITH MID LEVEL LEARNERS ♣	6		
<b>TOTAL CREDITS</b>	<b>12</b>		

**Directed General Education Courses** THESE ARE GEN ED COURSES THAT ARE ALSO PART OF THE 4-8 PROGRAM. IF YOU DO NOT TAKE THESE COURSES TO FULFILL YOUR GENERAL EDUCATION REQUIREMENTS, YOU MAY NEED AS MANY AS 135 CREDITS TO FINISH THIS DEGREE.

COURSE	✓	CR	GE	COURSE	✓	CR	GE	COURSE	✓	CR	GE
SPU 314 EFFECTIVE INSTR. STRAT.		3	D	BIO 010		3	C1	CMP 200 RESEARCH AND COMP.		3	A2
SPU 201 COG. DEV. DIV. LEARNERS		3	B	MAT 103 FUND OF MATH I		3	C2	HIS 025 <u>OR</u> HIS 026.		3	B
LLT 321 TECH. IN ED. INSTRUCTION		3	D	MAT 104 FUND OF MATH II		3	C3	HIS 014 <u>OR</u> HIS 015		3	D
COM 010 FUND. OF ORAL COM.		3	A3	CMP 100 LEVEL		3	A1	ECO 010		3	B
SPU 316 LIT. DEV. CORE & INTERV.		3	A4								
<b>TOTAL CREDITS</b>										<b>39</b>	

<b>GRADUATION REQUIREMENTS</b>				<b>CANDIDACY REQUIREMENTS</b>			
	REQUIRED	✓		REQUIRED	✓		
KUTZTOWN UNIVERSITY	GENERAL EDUCATION CREDITS	42-45		REQUIRED BASIC SKILLS ASSESSMENT'S			
	PROGRAM CREDITS	81		REQUIRED GPA	3.0		
	TOTAL CREDITS	123		C OR BETTER IN REQUIRED COURSES ♣ (CMP, ENG LIT, & 2 MAT)	C		
				PROGRAM SPECIFIC OBSERVATION HRS			

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>			

## Four-Year Program Plan

**Program:** BSED ELU/4-8 MAT & SS

Fall 2020 - Updated April 3, 2020

### FIRST YEAR

#### Fall Semester

Course	Title	Credits
CMP-100	EFFECTIVE COMPOSITION	3
MAT-103	FUNDAMENTALS OF MATH I	3
FYS-100	FIRST YEAR SEMINAR	3
EDU-101CTWI	TEACH PRE-K-8 EXPLOR/INVEST	3
HIS-025	U.S. FORM. YEARS & FED. REPUBLIC	3
	(EDU-101 is only offered in Fall semesters)	
<b>Total</b>		<b>15</b>

#### Spring Semester

Course	Title	Credits
ENG LIT	ANY ENGLISH LITERATURE COURSE	3
MAT-104QL	FUNDAMENTALS OF MATH II	3
CHM-20	INTRO TO CHEMISTRY	3
MAT-105	COLLEGE ALGEBRA	3
HIS-026	HISTORY OF THE US: THE EMERGENCE	3
	(CHM-20 is only offered in Spring semesters)	
<b>Total</b>		<b>15</b>

### SECOND YEAR

#### Fall Semester

Course	Title	Credits
ELU-221VL	LIT/UPPER ELEM+MID LEVEL	3
ELU-226	TEACH MIDDLE LEVEL THEORY&PRACT	3
MAT-40	GEOMETRY	3
HIS-14	HISTORY OF CIVILIZATION A	3
SPU-201CD	COGNITIVE DEVEL/STANDARDS	3
BIO-10	INTRO TO BIOLOGY	3
	(ELU-221 is only offered in Fall semesters)	
	(ELU-226 is only offered in Fall semesters)	
<b>Total</b>		<b>18</b>

#### Spring Semester

Course	Title	Credits
ELU-212	DIVERSE LEARNER/MID LEVEL	3
SPU-314	STU/DISABL INCL SETTINGS	3
MAT 106	TRIGONOMETRY	3
	( or MAT 115, or MAT 123)	
LLT-321	INSTRUCTIONAL TECH IN EDUCATION	3
HIS-15	HISTORY OF CIVILIZATION B	3
	(ELU-212 is only offered in Spring semesters)	
<b>Total</b>		<b>15</b>

### THIRD YEAR

#### Fall Semester

Course	Title	Credits
COM-010	FUND. ORAL COMMUNICATIONS	3
CMP-200	RESEARCH AND COMPOSITION	3
MAT-122	APPLIED CALCULUS	3
PHY-20	INTRO TO PHYSICS	3
GEG-10	ELEMENTS OF PHYSICAL GEOGRAPHY	3
	(or GEG 101 WORLD REGIONAL. GEG.)	
	(PHY-20 is only offered in Fall semesters)	
<b>Total</b>		<b>15</b>

#### Spring Semester

Course	Title	Credits
POL-10	INTRO TO AMERICAN POLITICS	3
SPU-316	RDNG/LANG ART EXCPTL CHILD	3
ELU-331	TEACH LIT/MIDDLE LEVEL	3
MAT-140	APPLIED STATISTICAL METHODS	3
BIO-130	ENV ISSUES: GLOBAL PERSPECTIVES	3
	(or BIO-140 BIO & SOCIETY)	
ECO-10	INTRODUCTION TO ECONOMICS	3
	(ELU 331 is only offered in Spring semesters)	
<b>Total</b>		<b>18</b>

### FOURTH YEAR

#### Fall Semester

Course	Title	Credits
ELU-342WI	TEACH WRITING/MID LEVEL	3
ELU-344	TEACH &ASSESS SOC.ST. FOR MID LVL	3
ELU-346WI	MID LEVEL COGNITIVE DEVEL	3
ELU-347	TEACH & ASSESS MAT. FOR MID LEVEL	3
ELU-349	TEACH & ASSESS SCI. FOR MID LEVEL	3
ELU 226 or EDU 326, BIO, Physical Science, 60 credits, and Candidacy are all prerequisites for Prosem.		
	(Prosem is only offered in Fall semesters)	
<b>Total</b>		<b>15</b>

#### Spring Semester

Course	Title	Credits
ELU-392	CLINICAL EXPER I: MID LEV	6
ELU-393	CLINICAL EXPER II: MID LEV	6
<b>Total</b>		<b>12</b>