PROGRAM CODE	COLLEGE OF LIBERAL ARTS AND SCIENCES
ULASCSCSD	
EFFECTIVE DATE	
FALL 2020	
VERSION NUMBER	
2208	

COLLEGE OF LIBERAL ARTS AND SCIENCES

COMPUTER SCIENCE

BACHELOR OF SCIENCE

STUDENT:	STUDENT ID NUMBER:

MAJOR PROGRAM

Required Courses

COURSE	CR	GRADE
CSC 125: DISCRETE MATH FOR CS I	3	
CSC 225: DISCRETET MATH FOR CS II	3	
CSC 135: COMP SCI I	3	
CSC 136: COMP SCI II	3	
CSC150: Ethical, Legal, and Professional Impacts of the Digital Age	3	
CSC 235: COMP ORG & ASSEMBLY LANG	3	
CSC 237: DATA STRUCTURES	3	
CSC 310: PROG. LANGUAGES	3	
CSC 328: NETWORK PROGRAMMING	3	
CSC 343: OPERATING SYSTEMS	3	
CSC 354: SOFTWARE ENGINEERING I	3	
CSC 355: SOFTWARE ENGINEERING II	3	
TOTAL CREDITS	**36**	

Elective Courses
0-9 CREDITS OF ADDITIONAL 200 LEVEL CSC COURSES, NOT PREVIOUSLY USED FOR ABOVE REQUIREMENTS, EXCLUDING CSC 280

COURSE	CR	GRADE
	3	
	3	
	3	
TOTAL CREDITS	**0-9**	

Additional Elective Courses
9-18 CREDITS OF ADDITIONAL CSC COURSES, NUMBER 300 OR ABOVE AND NOT PREVIOUSLY USED FOR ABOVE REQUIREMENTS, EXCLUDING ANY COURSE NUMBERED CSC 87X AND CSC 380.

	CR	GRADE
	3	
	3	
	3	
	3	
	3	
	3	
TOTAL CREDITS	**9-18**	

Concomitant Courses

COURSE	CR	GRADE
MAT 260: LINEAR ALGEBRA	3	
NATURAL SCIENCE COURSE FOR A SCIENCE MAJOR **	3	
TOTAL CREDITS	**6**	

Directed General Education
THE FOLLOWING COURSES ARE REQUIRED TO FULFILL THE COMPUTER SCIENCE REQUIREMENTS AND ARE SUGGESTED TO SATISFY GENERAL EDUCATION.

COURSE	G. E.	GRADE
PHI 40: INTRO TO ETHICS	B	
MAT 181: CALCULUS	C. 2	
MAT 140 **OR** MAT 301: APPLIED STAT METHODS *	C. 3	
NATURAL SCIENCE COURSE FOR A SCIENCE MAJOR **	C. 1	
TOTAL CREDITS	**13-14**	

Free Electives
ANY COURSE CARRYING UNIVERSITY CREDIT

COURSE	CR	GRADE
TOTAL CREDITS	**15-18**	

NOTE:

* STUDENTS MINORING IN MATH SHOULD TAKE MAT 301 (NOT MATH 140)

** STUDENTS MUST TAKE TWO SCIENCE COURSES INTENDED FOR A SCIENCE MAJOR. AT LEAST ONE OF THESE COURSES MUST INCLUDE A LAB.

CSC PREFIX COURSES BELOW 125 LEVEL, CSC 130, CSC 280, CSC 380, AND CSC 87X DO NOT COUNT TOWARD THE MAJOR REQUIREMENTS FOR A BS IN COMPUTER SCIENCE (THEY CAN COUNT IN FREE ELECTIVES ONLY).

INTERNSHIP – OPTIONAL (COUNTS IN FREE ELECTIVES
     CSC 280: COOPERATIVE INTERNSHIP I (1-6 CREDITS)
     CSC 380: COOPERATIVE INTERNSHIP II (1-6 CREDITS)

INTERNAL TRANSFER: 2.25 GPA REQUIRED

GRADUATION REQUIREMENTS

KUTZTOWN UNIVERSITY

	REQUIRED	✓		REQUIRED	✓
GENERAL EDUCATION CREDITS	42-45		COMPREHENSIVE EXAM (CSC 355)	PASS	
PROGRAM CREDITS (MINIMUM)	60		MINIMUM QPA OVERALL	2.0	
FREE ELECTIVES	15-18		MINIMUM QPA IN MAJOR	2.25	
TOTAL CREDITS	120				

NAME	EFFECTIVE DATE AUGUST 27, 2018	
ID NUMBER	VERSION 2188	

DEGREE REQUIREMENTS

GENERAL EDUCATION

KUTZTOWN
U N I V E R S I T Y

Student Learning Outcomes *(SLO)*

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

❶ communicate clearly and effectively orally and in writing.

❷ apply scientific and quantitative reasoning to solve problems and increase knowledge.

❸ apply skills in critical analysis and reasoning for the interpretation of data.

❹ engage critically with creative or artistic works.

❺ demonstrate the ability to retrieve, interpret, evaluate, and use information.

❻ analyze the role of values, ethics, diversity, and multiple perspectives in local and global society.

❼ 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:

❽ 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.

_____

_____

_____

_____

TOTAL GENERAL EDUCATION CREDITS 42-45

FIND A FULL EXPLANATION OF THE GENERAL EDUCATION PROGRAM AT WWW.KUTZTOWN.EDU

First Year Seminar: Discovering College
CREDITS REQUIRED 3

CREDITS EARNED:

THIS COURSE MEETS SLO ❺ & ❼

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:		

A Communicating With And About the World
CREDITS REQUIRED 12

CREDITS EARNED:

THESE COURSES MEET SLO ❶ & ❺

COURSE NUMBER	COURSE NAME	CR	GR
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.

B Understanding Self & Others
CREDITS REQUIRED 9

CREDITS EARNED:

THESE COURSES MEET SLO ❸ & ❻

COURSE NUMBER	COURSE NAME	CR	GR
1			
2			
3			

C Understanding Science & Technology
CREDITS REQUIRED 9-12

CREDITS EARNED:

THESE COURSES MEET SLO ❷ & ❸

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

D Understanding & Creating Ideas
CREDITS REQUIRED 9

CREDITS EARNED:

THESE COURSES MEET SLO ❹ & ❻

COURSE NUMBER	COURSE NAME	CR	GR
1			
2			
3			

Eight-Semester Planner
BS Computer Science
Version: 2208

Note: You may take no more than three 200-level courses.

Semester I	Semester II
FYS CSC 135 MAT 181 CSC125 or CSC150 General Education elective	CSC 136 CSC elective CSC125 or CSC225 CSC150 or General Education elective General Education elective
Semester III	**Semester IV**
CSC 237 CSC 235 CSC 225 or General Education elective MAT 140 or 301 General Education elective	CSC elective CSC elective MAT 260 Natural science elective Free elective
Semester V	**Semester VI**
CSC 328 CSC 343 Natural science elective General Education elective Free elective	CSC 310 CSC elective PHI 040 General Education elective Free elective
Semester VII	**Semester VIII**
CSC 354 CSC elective General Education elective General Education elective Free elective	CSC 355 CSC elective General Education elective Free elective Free elective