

## MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN COMPUTER SCIENCE MAJOR—PROGRAM YEAR 2019-2020

1 <sup>st</sup> Year	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	DR FREE ELEC	3	AREA IV SS	3	ENG 1102/04	3	DR FREE ELEC	3	AREA II HUM/FA	3	
	MTH 1112		COURSE				MTH 1114		COURSE	1000	
	ENG 1101/03	3	AREA II FINE	3	AREA III	3/	AREA IV SS	3			
	AND DESCRIPTION OF THE PARTY OF		ARTS COURSE		PHY/CHM SEQ	1	COURSE		THE RESERVE OF THE PARTY OF THE		
					COURSE		A CONTRACTOR OF THE PARTY OF TH			1000	
	TROY 1101	1					ELLINATION				
	TOTAL	7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	3	
2 <sup>ND</sup> YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	AREA II LIT	3	MTH 1125	4	MTH 1126	3	AREA IV SS	3	AREA IV HIS	3	
	COURSE					1713	COURSE		COURSE	4006	
	AREA III	3/	CS 2250	3	CS 2255	4	MTH 2215	3	FREE ELEC	3	
	PHY/CHM SEQ	1								100	
	COURSE									100	
	THE RESIDENCE OF THE PARTY OF T								William Control	72.44	
	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	6	TOTAL	6	
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
3 <sup>RD</sup> YEAR	REQ MAJ	3	REQ MAJ	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	FREE ELEC	1	
	COURSE		COURSE				,			100	
	REQ MAJ	3	REQ MAJ	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	AREA II HUM/FA	3	
	COURSE		COURSE		142 62.111.1) 66 61.62		142.11.19 55 51.52		COURSE		
	Coores		000102					79	000102		
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	4	
									A TANK OF THE PARTY OF	JITTI	
4 <sup>TH</sup> YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	REQ MAJ	3	REQ MAJ	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	FREE ELEC	3	
	COURSE		COURSE						A PARTICIPATION OF THE PARTICI		
	FREE ELEC	3	FREE ELEC	3	FREE ELEC	3	APPROVED MAJ	3	APPROVED MAJ	3	
			MILE WALLES			- 1	ELEC		ELEC	77.0	
			TWIN DOWN							Y 42	
	Company of the Compan		THE PROPERTY OF THE		SUBMIT GRADUAT		ION APPLICATION			1,340	
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	
	TOTAL PROGRAM 120										



## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN COMPUTER SCIENCE MAJOR—PROGRAM YEAR 2019-2020

COMPLETE ALL REQUIREMENTS					
AREA I					
TAKE THE FOLLOWING COURSES: ENG 1101 COMP AND MODERN ENGLISH I ENG 1102 COMP AND MODERN ENGLISH II MINIMUM GRADE OF "C" REQ	3 HOURS 3 HOURS				
AREA II					
TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS, INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA. TAKE ANY TWO 1000 2000 LEVEL COURSES WITH AN EXPANDED	3 HOURS 3 HOURS				
HISTORICAL AND CULTURAL SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/ FINE ARTS AREAS.					
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.					
AREA III					
MTH 1125 CALCULUS 1 MINIMUM GRADE OF "C" REQ TAKE AN EIGHT-HOUR COURSE/LAB SEQUENCE IN CHEMISTRY OR PHYSICS CHEMISTRY SEQUENCE CHM 1142/L142 AND CHM 1143/L143 OR PHYSICS SEQUENCE PHY 2252/L252 AND PHY 2253/L253 OR PHYSICS SEQUENCE PHY 2262/L262 AND PHY 2263/L263	4 HOURS 8 HOURS				
AREA IV					
TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.	3 HOURS 9 HOURS				
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.					
AREA V					
CS 2250 COMPUTER SCIENCE I MTH 1126 CALCULUS II TROY 1101 UNIVERSITY ORIENATION	3 HOURS 4 HOURS 1 HOUR				

EVERY REASONABLE ATTEMPT TO ENSURE ACCURACY HAS BEEN MADE. SOME COURSES (SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES) ARE NOT REFLECTED IN THIS DEGREE MAP. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR FOR EACH STUDENTA MINIMUM OF 120 HOURS IS REQUIRED FOR ALL BACCALAUREATE DEGREE PROGRAMS.AT LEAST 25% OF THE CREDIT HOURS REQUIRED FOR THE DEGREE MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY.AT LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN EACH MAJOR FIELD(S) OF STUDY.A MINIMUM GPA OF 2.0 OVERALL AND IN THE MAJOR IS REQUIRED TO GRADUATE.NOTE: PLEASE CONSULT THE COLLEGE OF ARTS AND SCIENCES OR CURRENT CATALOG FOR OTHER REQUIREMENTS NOT COVERED IN THIS DOCUMENT.NOTES: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. PLEASE CONSIDER THIS REQUIREMENT. WHEN SELECTING COURSEWORK IN AREAS II OR IV.



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COMPUTER SCIENCE MAJOR								
TAKE THE FO CS 2255 CS 3310	LLOWING COURSES:  COMPUTER SCIENCE II FOUNDATIONS OF COMPUTER SCIENCE	3 HOURS 3 HOURS						
CS 3323 CS 3329 CS 3332 CS 3360	DATA STRUCTURES ANALYSIS OF ALGORITHMS SOFTWARE ENGINEERING I CONCEPTS OF OBJECT PROGRAM I	3 HOURS 3 HOURS 3 HOURS 3 HOURS						
CS 3365 CS 3370 CS 3372 CS 4420	INTRO COMPUTER ORGANIZATION & ARCHITECTURE NATURE OF PROGRAMMING LANGUAGE FORMAL LANGUAGE & THEORY OF COMPUTATION INTRODUCTION TO DATABASE SYSTEMS	3 HOURS 3 HOURS 3 HOURS 3 HOURS						
CS 4445 CS 4448 STAT 2210	DATA COMMUNICATION & NETWORKING OPERATING SYSTEMS INTRODUCTORY STATISTICS	3 HOURS 3 HOURS 3 HOURS						
MTH 2215 APPLIED DISCRETE MATHEMATICS 3 HOURS  MAJOR ELECTIVES								
SELECT TWO ADDITIONAL COURSES FROM THE FOLLOWING CS 3320, CS 3325, CS 3331, CS 3361, CS 4401, CS 4443, CS 4447, CS 4451, CS 4461, CS 4462, OR CS 4495.								
FREE ELECTIVES REQUIREMENT								
TAKE 22 SEMESTER HOURS OF FREE ELECTIVE CREDIT  (MTH 1112 AND MTH 1114 ARE RECOMMENDED BY THE DEPARTMENT  AS A FREE ELECTIVES DUE TO BEING PREREQUISITE COURSES FOR MTH 1125.  DR DENOTES DEPARTMENTAL RECOMMENDED COURSES.)								

MY DEGREE MAP SERVES AS A GUIDE TO ASSIST YOU WITH THE PROPER SEQUENCE AND SELECTION OF COURSES. IT DOES NOT REPLACE YOUR PROGRAM EVALUATION (AVAILABLE THROUGH TROJAN WEB EXPRESS), WHICH DEPICTS THE OFFICIAL DOCUMENT USED TO CLEAR STUDENTS FOR GRADUATION. MY DEGREE MAP INCLUDES THE REQUIRED COURSE WORK AND SUGGESTED SEQUENCE OF COURSES FOR A PARTICULAR DEGREE PROGRAM. EVERY REASONABLE ATTEMPT HAS BEEN MADE TO ENSURE ACCURACY OF CONTENT. PLEASE KEEP IN MIND THAT SOME COURSES, SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES. ARE NOT REFLECTED IN MY DEGREE MAP. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR UNDER WHICH YOU WERE ADMITTED TO TROY. PLEASE CONSULT THE COLLEGE CATALOG, YOUR ACADEMIC ADVISOR, YOUR SPECIFIC SCHOOL, DEPARTMENT, OR YOUR PROGRAM EVALUATION FOR ANY ADDITIONAL REQUIREMENTS.