

## MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN COMPUTER SCIENCE MAJOR-PROGRAM YEAR 2021-22

1ST YEAR							
1ST SEMESTER	HRS	2ND SEMESTER	HRS				
TROY 1101	1	ENG 1102/04	3				
ENG 1101/03	3	AREA III PHY/CHM SEQ COURSE	3/1				
DR FREE ELEC MTH 1112	3	DR FREE ELEC MTH 1114	3				
AREA IV SS COURSE	3	AREA IV SS COURSE	3				
AREA II FINE ARTS COURSE	3	AREA II HUM/FA COURSE	3				
TOTAL	13	TOTAL	16				
	2ND YI	AR					
3rd semester	HRS	4TH SEMESTER	HRS				
AREA II LIT COURSE	3	MTH 1126	4				
MTH 1125	4	AREA IV SS COURSE	3				
AREA III PHY/CHM SEQ COURSE	3/1	MTH 2215	3				
CS 2250	3	CS 2255	3				
AREA IV HIS COURSE	3	FREE ELEC	1				
TOTAL	17	TOTAL	14				
	3RD YE	AR					
5TH SEMESTER	HRS	6TH SEMESTER	HRS				
REQ MAJOR COURSE	3	REQ MAJOR COURSE	3				
REQ MAJOR COURSE	3	REQ MAJOR COURSE	3				
REQ MAJOR COURSE	3	REQ MAJOR COURSE	3				
REQ MAJOR COURSE	3	REQ MAJOR COURSE	3				
AREA II HUM/FA COURSE	3	FREE ELEC	3				
TOTAL	15	TOTAL	15				
	4TH YE	AR					
7TH SEMESTER	HRS	8TH SEMESTER	HRS				
REQ MAJOR COURSE	3	REQ MAJOR COURSE	3				
REQ MAJOR COURSE	3	REQ MAJOR COURSE	3				
APPROVED MAJ ELEC	3	APPROVED MAJ ELEC	3				
FREE ELEC	3	FREE ELEC	3				
FREE ELEC	3	FREE ELEC	3				
SUBMIT GRADUATION Application	3						
TOTAL	15	TOTAL	15				
SCHOOL SERVICE STATE OF THE SE	Mar China	TOTAL PROGRAM 120					



## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN COMPUTER SCIENCE MAJOR-PROGRAM YEAR 2021-22

COMPLETE ALL REQUIREMENTS	(50 HOURS)	
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 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.	6 HOURS	
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	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 THE UNIVERSITY EXPERIENCE	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.



## COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN COMPUTER SCIENCE MAJOR-PROGRAM YEAR 2021-22

COMPUTER SCIENCE MAJOR			(48 HOURS	)
CS CS CS CS CS CS CS CS CS	2255 3310 3323 3329 3332 3360 3365 3370 3372 4420 4445 4448 2210	WING COURSES:  COMPUTER SCIENCE II FOUNDATIONS OF COMPUTER SCIENCE DATA STRUCTURES ANALYSIS OF ALGORITHMS SOFTWARE ENGINEERING I CONCEPTS OF OBJECT PROGRAM I INTRO COMPUTER ORGANIZATION & ARCHITECTURE NATURE OF PROGRAMMING LANGUAGE FORMAL LANGUAGE & THEORY OF COMPUTATION INTRODUCTION TO DATABASE SYSTEMS DATA COMMUNICATION & NETWORKING OPERATING SYSTEMS INTRODUCTORY STATISTICS APPLIED DISCRETE MATHEMATICS	3 HOURS	
MAJOR EL	ECTIVES			
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.		6 HOURS		
FREE ELECTIVES REQUIREMENT		(22 HOURS	)	
(MTH AS A F	1112 AND REE ELECT	ER HOURS OF FREE ELECTIVE CREDIT MTH 1114 ARE RECOMMENDED BY THE DEPARTMENT IVES DUE TO BEING PREREQUISITE COURSES FOR MTH 1125. PARTMENTAL RECOMMENDED COURSES.)	22 HOURS	

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.