

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN APPLIED COMPUTER SCIENCE MAJOR-PROGRAM YEAR 2024-25

	term 1		term 2		term 3		term 4		TERM 5			
	MTH 1112 (DR)	3	AREA IV SS Course	3	ENG 1102/04	3	CS 2210	3	MTH 2201	3		
1 ^{s⊤} YEAR	ENG 1101/03 3		AREA II HUM/FA Course		AREA III SCI/LAB Course	3/1	AREA IV SS COURSE	3	NOTE: SELECT COURS That have not been			
	TROY 1101 OR 1 TROY 1105 1						Park and D		COMPLETED FROM Previous terms or Courses to be retaken			
	TOTAL	7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	3		
	term 1		term 2		term 3		term 4		term 5			
	AREA II LIT Course	3	MTH 2215	3	CS 2255	3	AREA IV SS COURSE	3	AREA IV HIS Course	3		
2 ND YEAR	AREA III SCI/LAB Course	3/1	CS 2250	3	AREA II HUM/FA Course	3	MINOR COURSE	3	AREA II FINE ARTS Course	3		
		50							STANSFEL			
	TOTAL	7	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6		
	term 1		term 2		term 3		term 4		term 5			
	TAKE CS 3330 BEFORE CS 4420, CS 4443, CS 4445, CS 4447, AND CS 4448 (DO NOT NEED TO BE TAKEN IN ORDER)											
3 RD YEAR	CS 2265	3	MINOR COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	FREE ELEC	3		
I LI IIX	REQ MAJ COURSE	3	MINOR COURSE	3	FREE ELEC	3	FREE ELEC	3	MINOR COURSE	3		
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6		
	term 1		term 2		term 3		term 4		term 5			
	REQ MAJ COURSE	3	REQ MAJ COURSE	3	APPROVED MAJ Elec	3	APPROVED MAJ Elec	3	FREE ELEC	3		
4 ^{тн} YEAR	APPROVED MAJ Elec	3	MINOR COURSE	3	REQ MAJ COURSE	3	MINOR COURSE	3	FREE ELEC	3		
	POST OF THE PR				SUBMIT GRADUA		TION APPLICATION					
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6		
	TOTAL PROGRAM 120											

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COMPLETE ALL REQUIREMENTS	(48 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.	3 HOURS 3 HOURS
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, NURSING, 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 2201 CALCULUS AND ITS APPLICATIONS Minimum grade of "C" REQ. Take any two 1000-2000 level science classes (class and corresponding LAB) from the following science Disciplines: Biology, Chemistry, Physics, Physical Science, or other Science Areas.	3 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, Hospitality, Sport, and Tourism Management, 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.

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 STUDENT.A 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 11 OR IV.

ROY COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN APPLIED COMPUTER SCIENCE MAJOR-PROGRAM YEAR 2024-25

AREA V

	CS 22 TROY 110 MTH 22		COMPUTER CONCEPTS AND APPLICATIONS OV 1105 APPLIED DISCRETE MATHEMATICS	3 HOURS 1 HOUR 3 HOURS				
AP	APPLIED COMPUTER SCIENCE MAJOR							
	CS 22 CS 22 CS 22 CS 33 CS 44 CS 44 CS 44 CS 44 CS 44	HE FOLLO 250 255 265 330 420 443 445 447 448	WING COURSES: Computer Science I Computer Science II Advanced Programming I Data Structure & Algorithms Introduction to database Systems Web Application Development Data Communication & Networking Systems Analysis and Design Operating Systems	3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS				
MAJOR ELECTIVES								
	SELECT THREE ADDITIONAL COURSES FROM THE FOLLOWING CS 3320, CS 3332, CS 3347, CS 4449, CS 4451, CS 4495, CS 4499, CS 4480, OR CS 4410							
MINOR								
AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED TO COMPLETE THIS DEGREE PROGRAM. ADDITIONAL MAJORS ARE ACCEPTABLE.								
FREE ELECTIVES REQUIREMENT								
TAKE 18 SEMESTER HOURS OF FREE ELECTIVE CREDIT (MTH 1112 PRECALCULUS ALGEBRA IS RECOMMENDED BY THE DEPARTMENT As a free elective due to being a prerequisite course for MTH 2201 AND MTH 2215. DR denotes departmental recommended course.)								

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, 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. CONFLETION 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.