

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN APPLIED COMPUTER SCIENCE MAJOR-PROGRAM YEAR 2020-21

	TEDAA 1		TERMO		TEDM 2		TFDAA 4		TEDAA 5		
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	MTH 1112 (DR)	3	AREA IV SS COURSE	3	ENG 1102/04	3	IS 2241	3	MTH 2201	3	
1 ST	ENG 1101/03	3	AREA II HUM/FA	3	AREA III SCI/LAB	3/	AREA IV SS COURSE	3			
YEAR	21101705		COURSE		COURSE	1	11.62.11.1 00 00 01.02		SACOVER 1988		
	TROY 1101	1									
	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}	AREA III	3/	CS 2250	3	AREA II HUM/FA	3	MINOR COURSE	3	AREA II FINE ARTS	3	
YEAR	SCI/LAB	1	No. of the last of		COURSE	-14	SECURITION AND ADDRESS.		COURSE	100	
	COURSE									1000	
	TOTAL	7	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	CS 2265	3	MINOR COURSE	3		3		3	FREE ELEC	3	
	C3 2263	3	MINOR COURSE	3	REQ MAJ Course	3	REQ MAJ COURSE	3	FREE ELEC	3	
3 RD	REQ MAJ	3	MINOR COURSE	3	FREE ELEC	3	FREE ELEC	3	MINOR COURSE	3	
YEAR	COURSE										
	TOTAL	(TOTAL		TOTAL	(TOTAL	-	TOTAL		
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
								2		-	
	REQ MAJ COURSE	3	REQ MAJ COURSE	3	APPROVED MAJ ELEC	3	APPROVED MAJ ELEC	3	FREE ELEC	3	
4TH	APPROVED MAJ	3	MINOR COURSE	3	REQ MAJ	3	MINOR COURSE	3	FREE ELEC	3	
4 TH YEAR	ELEC				COURSE						
	SHELL THE FIRST				CV VP V VP		TION ADDITION			41.24	
	TOTAL		TOTAL		SUBMIT GRADUATION APPLICATION			TOTAL			
								TOTAL PROCEDA	4 120		
	TOTAL PROGRAM 120										



COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN **APPLIED COMPUTER SCIENCE MAJOR-PROGRAM YEAR 2020-21**

COMPLETE ALL REQUIREMENTS (48 HOURS)

AREA I

TAKE THE FOLLOWING COURSES: ENG 1101 ENG 1102 COMP AND MODERN ENGLISH I 3 HOURS ENG 1102 COMP AND MODERN ENGLISH II MINIMUM GRADE OF "C" REQ 3 HOURS

AREA II

TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE 3 HOURS TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL 3 HOURS 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 6 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.

MTH 2201 CALCULUS AND ITS APPLICATIONS 3 HOURS MINIMUM GRADE OF "C" REQ TAKE ANY TWO 1000-2000 LEVEL SCIENCE CLASSES (CLASS 8 HOURS AND CORRESPONDING LAB) FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS. SELECT 2: BIO 1100/L100, BIO 1101/L101, BIO 1120/L120, BIO 2229/L229, CHM 1115/L115, CHM 1142/L142, CHM 1143/L143, CHM 2242/L242, PHY 2252/L252, PHY 2253/L253, PHY 2262/L262, PHY 2263/L263, SCI 1110/L110, SCI 2233/L233, SCI 2234/L234, SCI 2240/L240.

AREA IV

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL 9 HOURS

3 HOURS

SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, EDUCATION, FINANCE, GEOGRAPHY, HISTORY, HÚMAN SERVICES, LEADERSHIP, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.

NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREAV

IS	2241	COMPUTER CONCEPTS AND APPLICATIONS	3 HOURS
TROY	1101	THE UNIVERSITY EXPERIENCE	1 HOUR
MTH	2215	APPLIED DISCRETE MATHEMATICS	3 HOURS

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 II or IV,



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APPLIED COMPUTER SCIENCE MAJOR						
	TAKE CS	THE FOLLO 2250 2255 2265 3330 4420 4443 4445 4447 4448		3 HOURS		
MA	JOR EI	LECTIVES				
SELECT THREE ADDITIONAL COURSES FROM THE FOLLOWING CS 3320, CS 3347, CS 4449, CS 4451, CS 4495, 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				18 HOURS		

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 (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.