

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN COMPUTER SCIENCE MAJOR-PROGRAM YEAR 2023-24

	TED 1 1		TEDA 2		TEDA (2		TEDA 4		TEDA4 5	
1 ST YEAR	term 1		term 2		term 3		term 4		term 5	
	DR FREE ELEC MTH 1112	3	AREA IV SS Course	3	ENG 1102/04	3	DR FREE ELEC MTH 1114	3	AREA II HUM/FA Course	3
	ENG 1101/03	3	AREA II FINE ARTS COURSE	3	AREA III PHY 2252L252 OR PHY 2262/L262	3/1	AREA IV SS COURSE	3		
	TROY 1101	1	HIM WATER						Description of	417
	TOTAL	7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	3
2 ND YEAR	term 1		term 2		term 3		term 4		term 5	
	AREA II LIT Course	3	AREA IV HIS Course	3	MTH 1125	4	AREA IV SS COURSE	3	MTH 1126	4
	AREA III SCI/LAB Course	3/1	CS 2250	3	CS 2255	3	MTH 2215	3	FREE ELEC	3
	TOTAL	7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	7
3 RD YEAR	term 1		term 2		term 3		term 4		term 5	
	STAT 2210	3	AREA II HUM/FA Course	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3
	CS 2220	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	FREE ELEC	3	FREE ELEC	1
	Market Hall	36				- 10			A STATE OF	1975
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	4
4 TH YEAR	term 1		term 2		term 3		term 4		term 5	
	REQ MAJ COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	FREE ELEC	3
	REQ MAJ COURSE	3	REQ MAJ COURSE	3	FREE ELEC	3	APPROVED MAJ ELEC	3	APPROVED MAJ ELEC	3
	Chapter Shire will		THE PROPERTY IN		SUBMIT GRADUAT		TION APPLICATION			41.9
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6
	TOTAL 12									120



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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.	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, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/	6 HOURS						
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 ONE OF THE FOLLOWING:							
PHY 2252/L252 OR PHY 2262/L262 TAKE ANY 1000-2000 LEVEL SCIENCE CLASS, THAT HAS NOT ALREADY BEEN TAKEN, FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS. 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 2233/L233, SCI 2234/L234, SCI 2240/L240.	3/1 HOURS						
AREA IV	3 HOURS						
TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL 9 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.							
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.							
AREA V							
CS 2220 NUMERICAL METHODS MTH 1126 CALCULUS II TROY 1101 THE UNIVERSITY EXPERIENCE CS 2250 COMPUTER SCIENCE I	3 HOURS 4 HOURS 1 HOUR 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 OF 120 HOURS AS THE COURSE 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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СОМРИТ	(48 HOURS)							
TAKE CS CS CS	THE FOLLO 2255 3310 3323		3 HOURS 3 HOURS 3 HOURS					
CS CS CS CS CS	3329 3332 3360 3365 3370	ANALYSIS OF ALGORITHMS SOFTWARE ENGINEERING I CONCEPTS OF OBJECT PROGRAM I INTRO COMPUTER ORGANIZATION & ARCHITECTURE NATURE OF PROGRAMMING LANGUAGE	3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS					
	3372 4420 4445 4448 2210 2215	FORMAL LANGUAGE & THEORY OF COMPUTATION INTRODUCTION TO DATABASE SYSTEMS DATA COMMUNICATION & NETWORKING OPERATING SYSTEMS INTRODUCTORY STATISTICS APPLIED DISCRETE MATHEMATICS	3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS					
MAJOR ELECTIVES								
SELECT TWO ADDITIONAL COURSES FROM THE FOLLOWING CS 3320, CS 3325, CS 3331, CS 3361, CS 4401, CS 4410, CS 4443, CS 4447, CS 4451, CS 4461, OR CS 4462.								
FREE ELECTIVES REQUIREMENT								
TAKE 19 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, 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.