

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN MATHEMATICS MAJOR—OPTION 1 (MATHEMATICAL STATISTICS SEQUENCE) PROGRAM YEAR 2021-2022

1ST YEAR							
1ST SEMESTER	HRS	2ND SEMESTER	HRS				
TROY 1101	1	ENG 1102/04	3				
ENG 1101/03	3	AREA II HUM/FA COURSE	3				
MTH 1125	3	AREA IV SS COURSE	3				
AREA II FINE ARTS COURSE	3	STAT 2210	3				
AREA IV SS COURSE	3	MTH 1126	4				
TOTAL	14	TOTAL	16				
	2ND Y	TEAR					
3RD SEMESTER	HRS	4TH SEMESTER	HRS				
AREA II LIT COURSE	3	MTH 2220	3				
MTH 3318	3	REQ MTH COURSE	3				
MTH 2227	4	MINOR COURSE	3				
AREA IV HIS COURSE	3	FREE ELEC	3				
AREA II HUM/FA COURSE	3	STAT 3350	3				
			At all the				
TOTAL	16	TOTAL	15				
	3RD Y	EAR					
5TH SEMESTER	HRS	6TH SEMESTER	HRS				
STAT 4451	3	APPROVED MTH/STAT ELEC	3				
AREA III SCI/LAB COURSE	3/1	APPROVED MTH/STAT ELEC	3				
REQ MTH COURSE	3	AREA IV SS COURSE	3				
MINOR COURSE	3	MINOR COURSE	3				
		AREA III SCI/LAB COURSE	3/1				
TOTAL	13	TOTAL	16				
	4TH Y						
7TH SEMESTER	HRS	8TH SEMESTER	HRS				
MTH 4424	3	APPROVED MTH/STAT ELEC	3				
MTH 4441	3	MINOR COURSE	3				
MINOR COURSE	3	MINOR COURSE	3				
FREE ELEC	3	FREE ELEC	3				
FREE ELEC	3	FREE ELEC	3				
SUBMIT GRADUATION APPLICATION		A CONTRACTOR					
TOTAL	15	TOTAL	15				
TOTAL PROGRAM 120							



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8 HOURS

COMPLETE ALL REQUIREMENTS	(49 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, 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 REQUIRED. WHEN SELECTING COURSEWORK I Please consider this requirement.	IN AREAS II OR IV,			
AREA III				
MTH 1125 CALCULUS I Minimum grade of "C" Req	4 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 2233/L233, SCI 2234/L234, SCI 2240/L240.	
U	EAIV	
	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,	3 HOURS 9 HOURS

TAKE ANY TWO 1000-2000 LEVEL SCIENCE CLASSES (CLASS

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 REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREA V

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TROY 1101	THE UNIVERSITY EXPERIENCE	1 HOUR
STAT 2210	INTRODUCTORY STATISTICS	3 HOURS
MTH 2220	COMPUTER PROGRAMMING FOR 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. COMPLE-TION 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 RESIDENCY WITH TROY UNIVERSITY.AT LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY.AT LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY.AT LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY.AT LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY.AT LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY.AT LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN REACH 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 COURSE-WORK IN AREAS II OR IV.



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MATHEMATICS MAJOR: OPTION 1 (MATHEMATICAL STATISITCS SEQUENCE)		
MINIMUM 2.00 OVERALL GPA REQUIRED Take the following courses:		
(MINIMUM GRADE OF 'C' REQUIRED)MTH 1126CALCULUS IIMTH 2227CALCULUS IIIMTH 3311DIFFERENTIAL EQUATIONSMTH 3318INTRO TO ADVANCED MATHEMATICSMTH 3331LINEAR ALGEBRAMTH 4424REAL ANALYSIS IMTH 4441ABSTRACT ALGEBRA ISTAT 3350STATISTICAL METHODS AND COMPUTATIONSSTAT 4451MATHEMATICAL STATISTICS I	4 HOURS 4 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS	
SELECT 9 ADDITIONAL HOURS OF UPPER-LEVEL MATHEMATICS OR STATISTICS COURSES Excluding MTH 4481 (Minimum grade of 'C' Required)	9 HOURS	
MINOR		
AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED COMPLETE THIS DEGREE PROGRAM. ADDITIONAL MAJORS ARE ALSO ACCEPTABLE.	18 HOURS	
FREE ELECTIVES REQUIREMENT		
TAKE 15 SEMESTER HOURS OF FREE ELECTIVE CREDIT.	15 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 AND SUGGESTED SE-QUENCE 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.