

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN MATHEMATICS MAJOR—OPTION 1 (GENERAL MATH) PROGRAM YEAR 2024-25

	1ST Y	EAR	
1ST SEMESTER	HRS	2ND SEMESTER	HRS
TROY 1101 AND TROY 1105	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	/EAR	
3rd semester	HRS	4TH SEMESTER	HRS
AREA II LIT COURSE	3	MTH 2220	3
MTH 3318	3	MTH 3311	3
MTH 2227	4	MINOR COURSE	3
AREA IV HIS COURSE	3	FREE ELEC	3
AREA II HUM/FA COURSE	3	STAT 3350	3
TOTAL	16	TOTAL	15
	3RD Y	YEAR THE PROPERTY OF THE PROPE	
5th semester	HRS	6TH SEMESTER	HRS
FREE ELEC	3	APPROVED MTH/STAT ELEC	3
AREA III SCI/LAB COURSE	3/1	APPROVED MTH/STAT ELEC	3
MTH 3331	3	AREA IV SS COURSE	3
MINOR COURSE	3	MINOR COURSE	3
		AREA III SCI/LAB COURSE	3/1
TOTAL	13	TOTAL	16
	4TH \		
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	MTH 4425 OR MTH 4442 OR STAT 4451	3
FREE ELEC	3	FREE ELEC	3
SUBMIT GRADUATION APPLICATION			
TOTAL	15	TOTAL	15
TOTAL PROGRAM 120			



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COMPLETE ALL REQUIREMENTS (49 HOURS) **AREA I** TAKE THE FOLLOWING COURSES: COMP AND MODERN ENGLISH I COMP AND MODERN ENGLISH II ENG 1101 3 HOURS 1102 3 HOURS ENG MINIMUM GRADE OF "C" REQ **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, NURSING, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE. INTERDISCIPLINARY STUDIES. OR OTHER HUMANITIES/FINE ARTS AREAS.

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

AREA III

MTH 1125 CALCULUS I
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.

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, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING,
POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, 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.

AREAV

TROY	1101 OR	TROY 1105	1 HOUI	R
STAT	2210	INTRODUCTORY STATISTICS	3 HOU	RS
MTH	2220	COMPUTER PROGRAMMING FOR MATHEMATICS	3 HOU	RS

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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MATHEMATICS MAJOR: OPTION 1 (MATHEMATICAL STATISITCS SEQUENCE)			
	OVERALL GPA REQUIREDOWING COURSES:		
(MINIMUM GR MTH 1126 MTH 2227 MTH 3311 MTH 3318 MTH 3331 MTH 4424 MTH 4441 STAT 3350	CALCULUS III DIFFERENTIAL EQUATIONS INTRO TO ADVANCED MATHEMATICS Linear Algebra Real Analysis I	4 HOURS 4 HOURS 3 HOURS	
MTH 4425 MTH 4442	F THE FOLLOWING: REAL ANALYSIS II ABSTRACT ALGEBRA II MATHEMATICAL STATISTICS I	3 HOURS	
SELECT 9 ADDITIONAL HOURS OF UPPER-LEVEL MATHEMATICS OR STATISTICS COURSES EXCLUDING MTH 4481 (MINIMUM GRADE OF 'C' REQUIRED)			
MINOR		(18 HOURS)	
AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED COMPLETE THIS DEGREE PROGRAM. ADDITIONAL MAJORS ARE ALSO ACCEPTABLE.		18 HOURS	
FREE ELECTIVES REQUIREMENT		(15 HOURS)	
TAKE 15 SEMESTER HOURS OF FREE ELECTIVE CREDIT.			

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 SUBJECT 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.