



MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
MATHEMATICS MAJOR—OPTION 1 (GENERAL MATH)
PROGRAM YEAR 2022-23

	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	1ST YEAR	AREA II FINE ARTS COURSE	3	AREA IV SS COURSE	3	ENG 1102/04	3	MTH 2227	4	AREA IV HIS COURSE
ENG 1101/03		3	MTH 1125	4	MTH 1126	4	MTH 3318	3		
TROY 1101		1								
TOTAL		7	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	3
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	MTH 3311	3	APPROVED MTH/STAT ELEC	3	AREA IV SS COURSE	3	FREE ELEC	3	MTH 2220	3
2ND YEAR	AREA II HUM/FA COURSE	3	AREA II LIT COURSE	3	STAT 2210	3	AREA IV SS COURSE	3	AREA II HUM/FA COURSE	3
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6
		TERM 1		TERM 2		TERM 3		TERM 4		TERM 5
MTH 3331		3	STAT 3350	3	FREE ELEC	3	APPROVED MTH/STAT COURSE	3	FREE ELEC	3
3RD YEAR	AREA III SCI/LAB COURSE	3/1	AREA III SCI/LAB COURSE	3/1	APPROVED MTH/STAT ELEC	3	MINOR COURSE	3	FREE ELEC	3
	TOTAL	7	TOTAL	7	TOTAL	6	TOTAL	6	TOTAL	6
		TERM 1		TERM 2		TERM 3		TERM 4		TERM 5
APPROVED MTH/STAT ELE		3	MTH 4441	3	MTH 4424	3	MINOR COURSE	3		
4TH YEAR	FREE ELEC	3	MINOR COURSE	3	MINOR COURSE	3	MINOR COURSE	3		
	MINOR COURSE	3								
					SUBMIT GRADUATION APPLICATION					
	TOTAL	9	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	3
TOTAL PROGRAM									120	

**COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
 MATHEMATICS MAJOR—OPTION 1 (GENERAL MATH)
 PROGRAM YEAR 2022-23**

COMPLETE ALL REQUIREMENTS

(49 HOURS)

AREA I

TAKE THE FOLLOWING COURSES:

ENG 1101	COMP AND MODERN ENGLISH I	3 HOURS
ENG 1102	COMP AND MODERN ENGLISH II	3 HOURS
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 AND CULTURAL SCOPE IN FINE ARTS, INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA.	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 IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREA III

MTH 1125 CALCULUS I MINIMUM GRADE OF "C" REQ	4 HOURS
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. 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.	8 HOURS

AREA IV

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY.	3 HOURS
TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL 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.	9 HOURS

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

AREA V

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. 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.

**COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
MATHEMATICS MAJOR—OPTION 1 (GENERAL MATH)
PROGRAM YEAR 2022-23**

MATHEMATICS MAJOR: OPTION 1 (MATHEMATICAL STATISTICS SEQUENCE)

(38 HOURS)

MINIMUM 2.00 OVERALL GPA REQUIRED
TAKE THE FOLLOWING COURSES:

(MINIMUM GRADE OF 'C' REQUIRED)

MTH 1126	CALCULUS II	4 HOURS
MTH 2227	CALCULUS III	4 HOURS
MTH 3311	DIFFERENTIAL EQUATIONS	3 HOURS
MTH 3318	INTRO TO ADVANCED MATHEMATICS	3 HOURS
MTH 3331	LINEAR ALGEBRA	3 HOURS
MTH 4424	REAL ANALYSIS I	3 HOURS
MTH 4441	ABSTRACT ALGEBRA I	3 HOURS
STAT 3350	STATISTICAL METHODS AND COMPUTATIONS	3 HOURS

SELECT ONE OF THE FOLLOWING:

3 HOURS

MTH 4425	REAL ANALYSIS II
MTH 4442	ABSTRACT ALGEBRA II
STAT 4451	MATHEMATICAL STATISTICS I

SELECT 9 ADDITIONAL HOURS OF UPPER-LEVEL MATHEMATICS OR STATISTICS COURSES
EXCLUDING MTH 4481
(MINIMUM GRADE OF 'C' REQUIRED)

9 HOURS

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.

15 HOURS