

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN MATHEMATICS MAJOR, OPTION 1 (MATHEMATICAL STATISTICS SEQUENCE) PROGRAM YEAR 2016-17 MY DEGREE MAP PROGRAM YEAR 2016-17

	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
1 ST	TROY 1101 1		MTH 1125 4		ENG 1102/04 3		AREA IV SS COURSE 3		I LIMIT O	
	ENG 1101/03	3	AREA IV SS COURSE	3	MTH 1126	4	MTH 2227	4		
	AREA II FINE ARTS COURSE	3	ARCHIV 55 CC CROE		MIIII II20		NITTI BEE!	-		
	TOTAL 7		TOTAL 7		TOTAL 7		TOTAL 7			
			MESTER				SEMESTER		SUMMER SEMES	ΓFR
YEAR	TROY 1101 1		AREA II FINE ARTS 3		ENG 1102/04 3		AREA II HUM/FA COURSE 3		SELECT COURSES THAT HAVE NOT BEEN	
. 2	1101	1	COURSE	3	LIVG 1102/04	3	AREA II IIOW/IA COORSE	3	COMPLETED FROM PREVIOUS	
	ENG 1101/03	3	AREA IV SS COURSE	3	MTH 1126	4			SEMESTERS AS PREREQUISITE	COURSES
	MTH 1125	4			MTH 2210	3			OR COURSES TO BE RETAKEN	
					AREA IV SS COURSE	3			A MARKET HAT HAD	
	TOTAL			L 14	TOTAL 16			AL 16		
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	MTH 3318	3	APPROVED MTH ELECTIVE	3	REQUIRED MTH COURSE	3	REQUIRED MTH COURSE	3		
	AREA II HUM/FA COURSE	3	AREA II LIT COURSE	3	MTH 2210	3	MTH 2220	3	CONTRACTOR OF THE PARTY OF THE	
			AREA IV HIS COURSE	3			AREA IV SS COURSE	3		
2^{ND}	TOTAL 6		TOTAL 9		TOTAL 6		TOTAL 9			
YEAR	FALL SE		MESTER				SEMESTER		SUMMER SEMESTER	
	AREA II LIT COURSE	3	MTH 2227	4	REQUIRED MTH COURSE	3	MINOR COURSE	3	SELECT COURSES THAT HAVE I COMPLETED FROM PREVIOUS	TERMS OR
	AREA IV HIS COURSE	3	MTH 3318	3	MTH 2220	3	FREE ELECTIVE	3	SEMESTERS AS PREREQUISITE	COURSES
			AREA II HUM/FA COURSE	3	MTH 4451	3			OR COURSES TO BE RETAKEN	
			TOTAL 16				TOT	AL 15		
3 RD	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	REQUIRED MTH COURSE	3	MTH 4451	3	MTH 4452	3	AREA II HU/FA COURSE	3		Den a
	AREA III SCI/LAB COURSE	3/1	AREA III SCI/LAB COURSE	3/1	FREE ELECTIVE	3	MINOR COURSE	3		
	APPROVED MTH ELECTIVE	3					FREE ELE3CTIVE	3		
	TOTAL 10		TOTAL 7		TOTAL 6		TOTAL 9			1.010033
YEAR	FAI	MESTER		SPRING SE		SEMESTER		SUMMER SEMESTER		
	MTH 4452	3	MINOR COURSE	3	APPROVED MTH ELECTIVE	3	MINOR COURSE	3	SELECT COURSES THAT HAVE I COMPLETED FROM PREVIOUS	TERMS OR
	REQUIRED MTH COURSE	3	AREA III SCI/LAB COURSE	3/1	APPROVED MTH ELECTIVE	3	AREA III SCI/LAB COURSE	3/1	SEMESTERS AS PREREQUISITE	COURSES
	A PARTY OF THE PAR				AREA IV SS COURSE	3			OR COURSES TO BE RETAKEN	
			TOTAL 13				TOTAL 16			
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	APPROVED MTH	3			MINOR COURSE	3	REQUIRED MTH COURSE	3	Company of the last	1000
	ELECTIVE	3								
	ELECTIVE FREE ELECTIVE	3	MINOR COURSE	3	MINOR COURSE	3	MINOR COURSE	3		
	ELECTIVE FREE ELECTIVE MINOR COURSE	3	FREE ELECTIVE	3	FREE ELECTIVE	3				
⊿ TH	ELECTIVE FREE ELECTIVE MINOR COURSE	3		3	FREE ELECTIVE TOTA	3 AL 9	TOTA			
4 TH	ELECTIVE FREE ELECTIVE MINOR COURSE TOT	3 3 (AL 9	FREE ELECTIVE TOT.	3	FREE ELECTIVE TOTA	3 AL 9 R INTE	TOTA		CHAMED CEASES	LED
4 TH YEAR	FREE ELECTIVE MINOR COURSE TOT	3 3 AL 9	FREE ELECTIVE TOT. MESTER	3 AL 6	FREE ELECTIVE TOTA FILE YOUF SPR	3 AL 9 RINTE ING	TOTA NT TO GRADUATE SEMESTER	AL 6	SUMMER SEMES	
	FREE ELECTIVE MINOR COURSE TOT FAI REQUIRED MTH COURSE	3 3 AL 9 LL SEA	FREE ELECTIVE TOT. MESTER MINOR COURSE	3 AL 6	FREE ELECTIVE TOTA FILE YOUF SPR APPROVED MTH ELECTIVE	3 AL 9 RINTE ING 3	TOTA NT TO GRADUATE SEMESTER MINOR COURSE	AL 6	SELECT COURSES THAT HAVE	NOT BEEN
	FREE ELECTIVE MINOR COURSE TOT	3 3 AL 9	MESTER MINOR COURSE FREE ELECTIVE	3 AL 6 3 3	FREE ELECTIVE TOTA FILE YOUF SPR	3 AL 9 RINTE ING	TOTA NT TO GRADUATE SEMESTER MINOR COURSE FREE ELECTIVE	3 3	SELECT COURSES THAT HAVE COMPLETED FROM PREVIOUS SEMESTERS AS PREREQUISITE	NOT BEEN TERMS OR
	FREE ELECTIVE MINOR COURSE TOT FAI REQUIRED MTH COURSE REQUIRED MTH COURSE	3 3 7AL 9 LL SEN 3 3	FREE ELECTIVE TOT. MESTER MINOR COURSE	3 AL 6	FREE ELECTIVE TOTA FILE YOUF SPR APPROVED MTH ELECTIVE	3 AL 9 RINTE ING 3	TOTA NT TO GRADUATE SEMESTER MINOR COURSE	AL 6	SELECT COURSES THAT HAVE COMPLETED FROM PREVIOUS	NOT BEEN TERMS OR
	FREE ELECTIVE MINOR COURSE TOT FAI REQUIRED MTH COURSE REQUIRED MTH COURSE	3 3 7AL 9 LL SEN 3 3	FREE ELECTIVE TOT. MESTER MINOR COURSE FREE ELECTIVE FREE ELECTIVE T TO GRADUATE	3 AL 6 3 3	FREE ELECTIVE TOTA FILE YOUF SPR APPROVED MTH ELECTIVE	3 AL 9 RINTE ING 3	TOTA NT TO GRADUATE SEMESTER MINOR COURSE FREE ELECTIVE FREE ELECTIVE	3 3	SELECT COURSES THAT HAVE COMPLETED FROM PREVIOUS SEMESTERS AS PREREQUISITE	NOT BEEN TERMS OR
	FREE ELECTIVE MINOR COURSE TOT FAI REQUIRED MTH COURSE REQUIRED MTH COURSE	3 3 7AL 9 LL SEN 3 3	FREE ELECTIVE TOT. MESTER MINOR COURSE FREE ELECTIVE FREE ELECTIVE T TO GRADUATE	3 AL 6 3 3 3	FREE ELECTIVE TOTA FILE YOUF SPR APPROVED MTH ELECTIVE	3 AL 9 RINTE ING 3	TOTA NT TO GRADUATE SEMESTER MINOR COURSE FREE ELECTIVE FREE ELECTIVE	3 3 3 3	SELECT COURSES THAT HAVE COMPLETED FROM PREVIOUS SEMESTERS AS PREREQUISITE	NOT BEEN Terms or Courses



TROY 1101

UNIVERSITY ORIENTATION

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN MATHEMATICS MAJOR, OPTION 1 (MATHEMATICAL STATISTICS SEQUENCE) PROGRAM YEAR 2016-17

COMPLETE ALL REQUIREMENTS	(49 HOURS)
AREA I	
MINIMUM GRADE OF "C" REQUIRED Eng 1101 Comp and modern english i Eng 1102 Comp and modern english ii	3 HOURS 3 HOURS
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. NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.	6 HOURS
AREA III	
	4 HOURS
MTH 1125 CALCULUS I MINIMUM GRADE OF "C" REQUIRED	4 HOURS
TAKE ANY TWO 1000-2000 LEVEL SCIENCE CLASSES (CLASS AND CORRESPONDING LAB BOTH REQUIRED) FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS. SELECT 2: BIO-1100/L100, BIO 1101/L101, BIO 2202/L202, 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.	8 HOURS
AREA IV	
TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY.	3 HOURS
TAKE ANY THREE 1000-2000 LEVEL COURSES 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. NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.	9 HOURS
AREA V	
TAKE THE FOLLOWING COURSES: MTH 2210 APPLIED STATISTICS MTH 2220 COMPUTER PROGRAMMING FOR MATHEMATICS TROY 1101 LINIVERSITY ORIENTATION	3 HOURS 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 STUDENTA 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. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

1 HOUR



COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN MATHEMATICS MAJOR, OPTION 1 (MATHEMATICAL STATISTICS SEQUENCE) PROGRAM YEAR 2016-17

MATHEMATICS MAJOR: OPTION I (MATHEMATICAL STATISTICS SEQUENCE)									
2.0 GPA REQUIRED									
TAKE THE FÖLLOWING COURSES:									
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		3 HOURS							
MTH 4441	ABSTRACT ALGEBRA I	3 HOURS							
MTH 4451	MATHEMATICAL STATISTICS I	3 HOURS							
MTH 4452	MATHEMATICAL STATISTICS II	3 HOURS							
TAKE 9 ADDITIONAL HOURS OF UPPER-LEVEL (3000 OR 4000) MATHEMATICS COURSES. (EXCLUDING MTH 4481)									
MINOR									
AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED COMPLETE THIS DEGREE PROGRAM. ADDITIONAL MAJORS ARE ALSO ACCEPTABLE.									
FREE ELECTIVES REQUIREMENT									
TAKE 15 SEMESTER HOURS OF FREE ELECTIVE CREDIT.									