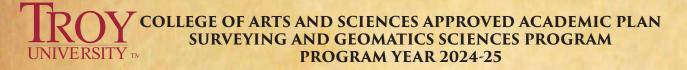


MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN SURVEYING AND GEOMATICS SCIENCES PROGRAM DECCRANAL VEAD 2024 25 **PROGRAM YEAR 2024-25**

1ST YEAR							
FALL SEMESTER	HRS	SPRING SEMESTER	HRS	SUMMER SEMESTER	HRS		
TROY 1101 OR TROY 1105	1	FREE ELEC	3				
eng 1101/03	3	AREA II FINE ARTS COURSE	3		M 2.71		
MTH 1125	4	STAT 2210	3	Standard Stan			
IS 2241	3	eng 1102/04	3	METERS OF THE STATE OF			
ART 2201	3	AREA IV HIS COURSE	3				
TOTAL	14	TOTAL	15				
2ND YEAR							
FALL SEMESTER	HRS	SPRING SEMESTER	HRS	SUMMER SEMESTER	HRS		
GEM 2220/L220	3/1	GEM 3330/L330	3/1	GEM 3395 DR (IF GEM 4499 WILL NOT BE TAKEN 4TH YEAR)	1		
AREA IV SS COURSE	3	GIS 2201	3	TEAK)			
AREA II SS COURSE (GEO 2210 DR)	3	AREA II HUM/FA COURSE (COM 2241 DR)	3				
GEM 1100	2	GEM 1101	2				
PHY 2252/L252	3/1	PHY 2253/L253	3/1				
TOTAL	16	TOTAL	16	TOTAL	1		
		3RD YEAR					
FALL SEMESTER	HRS	SPRING SEMESTER	HRS	SUMMER SEMESTER	HRS		
GIS 3390	3	GIS 3391	3	GEM 4496 DR (IF GEM 4499 WILL NOT BE TAKEN 4 TH YEAR)	1		
GEM 3309/L309	3/1	GEM 4408	3	and the deposit of			
AREA II LIT COURSE	3	GEM 3310/L310	3/1				
GEM 3366	3	MTH 2230	3				
FREE ELEC	3	Brittle British Co.	- 1111	Track Confession	ALC: N		
TOTAL	16	TOTAL	13	TOTAL	1		
		4TH YEAR					
FALL SEMESTER	HRS	SPRING SEMESTER	HRS	SUMMER SEMESTER	HRS		
GEM 4409/L409	3/1	GEM 4407/L407	3/1	CELECT COLIDCES	ТЦАТ		
GEM 3379	3	GEM 4499 (IF CO-OPS TOTALING 2 CREDIT HOURS NOT TAKEN)	2	SELECT COURSES THAT HAVE NOT BEEN COMPLETED			
GEM 4410	3	GEM 4490	1				
FREE ELEC	3	AREA IV SS COURSE	3				
FREE ELEC	3	GEM 4405/L405	3/1				
	William.	BASSA TATALAN BASSA	EL SU				
TOTAL	16	TOTAL	14				
					120		
GREE		CALL THE RESERVE OF THE PARTY O		Complete Complete Control of the Con	The state of the s		



COMPLETE ALL REQUIREMENTS					
DR DENOTES A DEPARTMENTAL RECOMMENDED COURSE					
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 ART 2201 INTRODUCTORY DRAWING	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.					
TAKE ONE 1000-2000 LEVEL COURSE WITH AN EXPANDED 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" required					
TAKE A PHYSICS COURSE/LAB SEQUENCE:					
PHY 2252/L252 GENERAL PHYSICS I & PHY 2253/L253 GENERAL PHYSICS II					
OR PHY 2262/L252 PHYSICS I WITH CALCULUS & PHY 2263/L253 PHYSICS II WITH CALCULUS					
AREA IV					
TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY.					
TAKE ANY THREE 1000-2000 LEVEL COURSES 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					
TAKE THE FOLLOWING COURSES: TROY 1101 OR TROY 1105 IS 2241 COMPUTER CONCEPTS AND APPLICATIONS GIS 2201 INTRO TO SPATIAL COMPUTING USING PYTHON STAT 2210 INTRODUCTORY STATISTICS MTH 2230 APPLIED LINEAR ALGEBRA					

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.



SURVEYING AND GEOMATICS SCIENCE PROGRAM 2.0 GPA REQUIRED			
TAKE THE FOLLOWING COURSES: GEM 1100 COMPUTER-AIDED DRAFTING I GEM 1101 COMPUTER-AIDED DRAFTING II GEM 2220/L220 BASICS OF SURVEYING/LAB GEM 3309/L309 LAND SURVEY PRINCIPLES/LAB GEM 3310/L310 LAND SURVEY PRACTICE/LAB GEM 3330/L330 ADVANCED MEASUREMENT ANALYSIS/LAB GEM 3366 PHOTOGRAMMETRY & REMOTE SENSING GEM 3379 INTRODUCTION TO LEAST SQUARES ADJUSTMENT GIS 3390 FUNDAMENTALS OF GEOGRAPHIC INFORMATION AND ANALYSIS GIS 3391 APPLICATION OF GIS GEM 4405/L405 ROUTE & CONSTRUCTION SURVEYING/LAB GEM 4407/L407 LAND DEVELOPMENT/LAB GEM 4408 GEODESY & GEODETICS GEM 4409 INTRODUCTION GLOBAL POSITIONS GEM 4410 INTRODUCTION GLOBAL POSITIONS GEM 4490 GEOMATICS CAPSTONE	2 HOURS 2 HOURS 3/1 HOURS 3/1 HOURS 3/1 HOURS 3/1 HOURS 3 HOURS 3 HOURS 3 HOURS 3/1 HOURS 3/1 HOURS 3/1 HOURS 3/1 HOURS 3/1 HOURS 1 HOURS 1 HOURS		
GEM 4499 (2), OR GEM 3395 (1) AND GEM 4496 (1)			
FREE ELECTIVES REQUIREMENT			
TAKE 12 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.