

MY DEGREE MAP

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN SURVEYING AND GEOMATICS SCIENCES PROGRAM PROGRAM YEAR 2019-20

1 ST YEAR									
FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS	SUMMER	HOURS				
TROY 1101	1	IS 2241	3	SEMESTER PHY 2252/LAB	3/1				
ENG 1101/03	3	MTH 2230	3	ART 2201	3				
MTH 1125	4	MTH 2210	3	AKI 2201	3				
AREA IV SS COURSE	3	ENG 1102/04	3						
GEM 1100	2	GEM 1101	2						
TOTAL	13	TOTAL	14	TOTAL	7				
TOTAL	13	2 ND YEAR	17	TOTAL	,				
FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS	SUMMER	HOURS				
				SEMESTER					
GEM 2220/L220	3/1	GEM 3330/L330	3/1	GEM 3395 CO-	1				
ESSENTED ENGINEERING	THE PARTY		PAGE A	OP I DR (IF					
DOMESTIC OF THE PARTY OF THE PA	THE PARTY	Mark Control of the C		GEM 4499 WILL					
			- 1 M	NOT BE TAKEN 4 th Year)	No.				
GIS 3390	3	GIS 3391	3						
PHY 2253/LAB	3/1	GEM 4408	3		Manager 1				
FREE ELEC	2	CS 2250	3						
TOTAL	13	TOTAL	13	TOTAL	1				
		3 RD YEAR							
FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS	SUMMER SEMESTER	HOURS				
GEM 3379	3	GEM 4410	3	GEM 4496 CO-	1				
	MAGNET IN	Married Co. Co. Co. Co.		OP II DR (IF					
A SECULIAR PROPERTY OF THE PARTY OF THE PART	3 1 1 1 1 1	THE RESERVE TO A STATE OF THE RESERVE TO A S		GEM 4499 WILL					
	W. 5777	STREET, STREET		NOT BE TAKEN					
			Albert L	4 TH YEAR)					
GEM 3309/L309	3/1	GEM 4405/L405	3/1						
AREA II FINE ARTS	3	GEM 3310/L310	3/1	The second					
COURSE		MINING THE TAXABLE TO							
AREA II LIT COURSE	3	AREA II HUM/FA COURSE	3		1.00				
EDEE ELEC		(COM 2241 DR)							
FREE ELEC	2	FREE ELEC	1	TOTAL	1				
TOTAL	15	TOTAL	15	TOTAL	1				
EALL OF A COURT	HOURS	4 TH YEAR	HOUSE	CI II (1) (T)	HOURS				
FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS	SUMMER	HOURS				
GEM 4409/L409	3/1	GEM 4407/L407	3/1	CELECT COLLDGE	CTLLAT				
GEM 3366	3	GEM 4499 (IF CO-OPS TOTALING 2 CREDIT	2	SELECT COURSE Have not b					
				COMPLETI					
AREA IV SS COURSE	3	HOURS NOT TAKEN) GEM 4490	1	COMPLETE					
FREE ELEC	1	AREA IV SS COURSE	3		WY THE				
FREE ELEC	3	AREA IV HIS COURSE	3						
TREE ELEC	3	FREE ELEC	3						
TOTAL	14	TOTAL	16						
FILE YOUR INTENT TO GRAD				QUIRED FOR DEGREE 120					
			FILE YOUR INTENT TO GRADUATE MINIMUM HOURS REQUIRED FOR DEGREE 120						



CS

2250

STAT 2210

MTH 2230

COMPUTER SCIENCE I

INTRODUCTORY STATISTICS

APPLIED LINEAR ALGEBRA

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN SURVEYING AND GEOMATICS SCIENCES PROGRAM PROGRAM YEAR 2019-20

COMPLETE ALL REQUIREMENTS	(55 HOURS)
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.	3 HOURS
TAKE ONE 1000-2000 LEVEL COURSE 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.	3 HOURS
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWO IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.	DRK
AREA III	
MTH 1125 CALCULUS I MINIMUM GRADE OF "C" REQUIRED	4 HOURS
TAKE A PHYSICS COURSE/LAB SEQUENCE:	
PHY 2252/L252 GENERAL PHYSICS I & PHY 2253/L253 GENERAL PHYSICS II OR PHY 2262/L262 PHYSICS I WITH CALCULUS & PHY 2263/L263 PHYSICS II WITH CALCULUS	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.	9 HOURS
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWO IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.	DRK
AREA V	
TAKE THE FOLLOWING COURSES: TROY 1101 UNIVERSITY ORIENTATION IS 2241 COMPUTER CONCEPTS AND APPLICATIONS CS 2250 COMPUTED SCIENCE I	1 HOUR 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. PLEASE CONSIDER THIS REQUIREMENT. WHEN SELECTING COURSEWORK IN AREAS II OR IV.

3 HOURS

3 HOURS

3 HOURS



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SURVEYING AND GEOMATICS SCIENCE PROGRAM 2.0 GPA REQUIRED				
GEM GEM GEM GEM GEM GEM GEM GIS GIS GEM GEM GEM GEM GEM	1100 1101 2220/L220 3309/L309 3310/L310 3330/L330 3366 3379 3390 3391 4405/L405 4407/L407 4408 4409/L409 4410	COMPUTER-AIDED DRAFTING II BASICS OF SURVEYING/LAB LAND SURVEY PRINCIPLES/LAB LAND SURVEY PRACTICE/LAB ADVANCED MEASUREMENT ANALYSIS/LAB PHOTOGRAMMETRY & REMOTE SENSING INTRODUCTION TO LEAST SQUARES ADJUSTMENT FUNDAMENTALS OF GEOGRAPHIC INFORMATION AND ANALYSIS APPLICATION OF GIS ROUTE & CONSTRUCTION SURVEYING/LAB LAND DEVELOPMENT/LAB GEODESY & GEODETICS HYDROLOGY/LAB INTRODUCTION GLOBAL POSITIONS	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 1 HOURS 1 HOURS	
GEM 4	1499 (2), OR	GEM 3395 (1) AND GEM 4496 (1)	2 HOURS	
FREE ELECTIVES REQUIREMENT			(12 HOURS)	
TAKE 12 SEMESTER HOURS OF FREE ELECTIVE CREDIT.			12 HOURS	