

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN GEOGRAPHIC INFORMATION SCIENCES MAJOR-GEOGRAPHY CONCENTRATION PROGRAM YEAR 2023-24

1 ST YEAR									
1 ST SEMESTER	HOURS	2 ND SEMESTER	HOURS	SUMMER					
TROY 1101	1	ENG 1102/04	3	SELECT COLIDSES					
ENG 1101/03	3	BIO 1120/LAB	3/1	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN					
MTH 1114	3	STAT 2210	3						
IS 2241	3	COM 2241	3						
SCI 2233/LAB	3/1	FREE ELEC	3						
TOTAL	14	TOTAL	16						
		2 ND YEAR							
3 RD SEMESTER	HOURS	4 TH SEMESTER	HOURS	SUMA	1ER				
AREA II LIT COURSE	3	GEO 3301	3		Maria Control				
GEO 3300	3	SS 3375	3	SELECT COURSES					
GIS 3301	3	FREE ELEC	3	THAT HAVE COMPLETE					
CS 3310	3	AREA II HUM/FA Course	3	PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN					
FREE ELEC	2	AREA II SCI/LAB Course	3/1						
TOTAL	14	TOTAL	16						
		3 rd YEAR							
5 TH SEMESTER	HOURS	6 TH SEMESTER	HOURS	SUMMER	HOURS				
GIS 3390	3	GIS 3391	3	GIS 4499	3				
GIS 3310	3	GIS 3305	3	(IF GIS 4490 IS NOT TAKEN 4TH YEAR)					
AREA IV HIS COURSE	3	AREA IV SS COURSE	3						
AREA II FINE ARTS COURSE	3	MINOR COURSE	3						
MINOR COURSE	3	MINOR COURSE	3						
TOTAL	15	TOTAL	15	TOTAL	3				
4 TH YEAR									
7 TH SEMESTER	HOURS	8 TH SEMESTER	HOURS	SUMA	MER				
GEO COURSE	3	GEO COURSE	3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN					
GEO COURSE	3	GEO COURSE	3						
AREA IV SS COURSE	3	GIS 4490 (IF GIS 4499 NOT TAKEN)	3						
MINOR COURSE	3	FREE ELEC	3						
MINOR COURSE	3	MINOR COURSE	3						
SUBMIT GRADUATIO	N								
APPLICATION									
APPLICATION TOTAL	15	TOTAL	15						



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COMPLETE ALL REQUIREMENTS	(58 HOURS)
AREA I	
TAKE THE FOLLOWING COURSES: ENG 1101 COMP AND MODERN ENGLISH I ENG 1102 COMP AND MODERN ENGLISH II MINIMUM GRADE OF "C" REQ	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 COM 2241 FUNDAMENTALS OF SPEECH TAKE ANY 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.	3 HOURS 3 HOURS
NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.	
AREA III	
TAKE MTH 1114 PRE-CALCULUS TRIGONOMETRY MINIMUM GRADE OF "C" REQ_ TAKE SCI 2233/L233 PHYSICAL SCIENCE AND LAB TAKE ANY 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 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 2234/L234, SCI 2240/L240.	3 HOURS 3/1 HOURS 4 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 REQ. WHEN SELECTING COURSEWORK IN AREA II OR IV, PLEASE CONSIDER THIS REQUIREMENT.	S
AREAV	
IS 2241 COMPUTER CONCEPTS AND APPLICATIONS STAT 2210 INTRODUCTORY STATISTICS BIO 1120/L120 SURVEY OF ENVIRONMENTAL SCIENCE/LAB CS 3310 FOUNDATIONS OF COMPUTER SCIENCE SS 3375 RESEARCH METHODS IN THE SOCIAL SCIENCES TROY 1101 THE UNIVERSITY EXPERIENCE	3 HOURS 3 HOURS 3/1 HOURS 3 HOURS 1 HOUR

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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GEOGRAI 2.0 GPA R		DRMATION SCIENCES	(36 HOURS)
GEO GEO GIS GIS GIS GIS GIS	3300 3301 3301 3305 3310 3390 3391 4499	PRINCIPLES OF PHYSICAL GEOGRAPHY PRINCIPLES OF CULTURAL GEOGRAPHY CARTOGRAPHY & GEOVISUALIZATION SPATIAL INFORMATION & ANALYSIS INTRODUCTION TO REMOTE SENSING FUNDAMENTALS OF GEOGRAPHIC INFORMATION & ANALYSIS APPLICATION OF GEOSPATIAL INFORMATION SCIENCE GIS INTERNSHIP OR GIS 4490 GIS SENIOR PROJECT	3 HOURS
SELECT T	wo cour	RSES FROM THE FOLLOWING:	6 HOURS
GEO		WEATHER AND CLIMATE POLITICAL GEOGRAPHY CONSERVATION URBANISM POPULATION AND SOCIETY	3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS
SELECT T	WO FROM	THE FOLLOWING REGIONAL GEOGRAPHY COURSES:	6 HOURS
GEO GEO GEO GEO	3306 3312 3326	GEOGRAPHY OF EUROPE GEOGRAPHY OF ASIA GEOGRAPHY OF LATIN AMERICA GEOGRAPHY OF THE RUSSIAN REALM GEOGRAPHY OF THE MIDDLE EAST AND NORTH AFRICA	3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS
MINOR			(18 HOURS)
		8 SEMESTER HOUR MINOR IS REQUIRED TO COMPLETE THIS DEGREE DITIONAL MAJORS ARE ACCEPTABLE.	
FREE ELECTIVES REQUIREMENT			(8 HOURS)
TAKE 8 SEMESTER HOURS OF FREE ELECTIVE CREDIT			8 HOURS

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 ENSURE ACCURACY 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.