TROY UNIVERSITY ™

MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
GEOGRAPHIC INFORMATION SCIENCES MAJOR-GEOGRAPHY CONCENTRATION
PROGRAM YEAR 2024-25

	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
1ST YEAR	MTH 1114	3	SCI 2233/LAB	3/1	ENG 1102/04	3	IS 2241	3	AREA III SCI/LAB COURSE	3/1
	ENG 1101/03	3	STAT 2210	3	BIO 1120/LAB	3/1	COM 2241	3		
	TROY 1101 OR TROY 1105	1								
	TOTAL	**7**	**TOTAL**	**7**	**TOTAL**	**7**	**TOTAL**	**6**	**TOTAL**	**4**
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
2ND YEAR	GEO 3300	3	GIS 3301	3	AREA IV SS COURSE (GEO 2210 DR)	3	GEO 3301	3	FREE ELEC	2
	GIS 2201	3	AREA II LIT COURSE	3	SS 3375	3	AREA II HUM/FA COURSE	3	AREA II FINE ARTS COURSE	3
	TOTAL	**6**	**TOTAL**	**6**	**TOTAL**	**6**	**TOTAL**	**6**	**TOTAL**	**5**
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
3RD YEAR	GIS 3390	3	MINOR COURSE	3	GIS 3391	3	MINOR COURSE	3	AREA IV HIS COURSE	3
	MINOR COURSE	3	GIS 3310	3	AREA IV SS COURSE	3	GIS 3305	3	GIS 4499*	3
	TOTAL	**6**	**TOTAL**	**6**	**TOTAL**	**6**	**TOTAL**	**6**	**TOTAL**	**3/6**
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
4TH YEAR	GEO COURSE ELEC	3	GEO COURSE ELEC	3	GEO COURSE ELEC	3	GEO COURSE ELEC	3	GIS 4490*	3
	MINOR COURSE	3	MINOR COURSE	3	AREA IV SS COURSE	3	MINOR COURSE	3	FREE ELEC	3
									FREE ELEC	3
					SUBMIT GRADUATION APPLICATION					
	TOTAL	**6**	**TOTAL**	**6**	**TOTAL**	**6**	**TOTAL**	**6**	**TOTAL**	**6/9**
									TOTAL PROGRAM	**120**

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COMPLETE ALL REQUIREMENTS **(58 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 COM 2241 FUNDAMENTALS OF SPEECH 3 HOURS
TAKE ANY 1000 2000 LEVEL COURSES 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. 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 3 HOURS
MINIMUM GRADE OF "C" REQ_
TAKE SCI 2233/L233 PHYSICAL SCIENCE AND LAB 3/1 HOURS
TAKE ANY 1000-2000 LEVEL SCIENCE CLASS (CLASS AND CORRESPONDING LAB) FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS. 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, HOSPITALITY, SPORT, & TOURISM MANAGEMENT, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, NUTRITION, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS. (GEO 2210 DEPARTMENTAL RECOMMENDED) 9 HOURS

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

AREA V

IS	2241	COMPUTER CONCEPTS AND APPLICATIONS	3 HOURS
STAT	2210	INTRODUCTORY STATISTICS	3 HOURS
BIO	1120/L120	SURVEY OF ENVIRONMENTAL SCIENCE/LAB	3/1 HOURS
GIS	2201	INTRO TO SPATIAL COMPUTING USING PYTHON	3 HOURS
SS	3375	RESEARCH METHODS IN THE SOCIAL SCIENCES	3 HOURS
TROY	1101 OR TROY 1105		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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GEOGRAPHIC INFORMATION SCIENCES **(36 HOURS)**
2.0 GPA REQUIRED

GEO	3300	PRINCIPLES OF PHYSICAL GEOGRAPHY	3 HOURS
GEO	3301	PRINCIPLES OF CULTURAL GEOGRAPHY	3 HOURS
GIS	3301	CARTOGRAPHY & GEOVISUALIZATION	3 HOURS
GIS	3305	SPATIAL INFORMATION & ANALYSIS	3 HOURS
GIS	3310	INTRODUCTION TO REMOTE SENSING	3 HOURS
GIS	3390	FUNDAMENTALS OF GEOGRAPHIC INFORMATION & ANALYSIS	3 HOURS
GIS	3391	APPLICATION OF GEOSPATIAL INFORMATION SCIENCE	3 HOURS
GIS	4499	GIS INTERNSHIP OR GIS 4490 GIS SENIOR PROJECT	3 HOURS

SELECT TWO COURSES FROM THE FOLLOWING: **6 HOURS**

GEO	3350	WEATHER AND CLIMATE	3 HOURS
GEO	4402	POLITICAL GEOGRAPHY	3 HOURS
GEO	4403	CONSERVATION	3 HOURS
GEO	4406	URBANISM	3 HOURS
GEO	4411	POPULATION AND SOCIETY	3 HOURS

SELECT TWO FROM THE FOLLOWING REGIONAL GEOGRAPHY COURSES: **6 HOURS**

GEO	3307	GEOGRAPHY OF EUROPE	3 HOURS
GEO	3306	GEOGRAPHY OF ASIA	3 HOURS
GEO	3312	GEOGRAPHY OF LATIN AMERICA	3 HOURS
GEO	3326	GEOGRAPHY OF THE RUSSIAN REALM	3 HOURS
GEO	3331	GEOGRAPHY OF THE MIDDLE EAST AND NORTH AFRICA	3 HOURS

MINOR **(18 HOURS)**

AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED TO COMPLETE THIS DEGREE PROGRAM. ADDITIONAL 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.