

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

	term 1		term 2		term 3		term 4		term 5	
	MTH 1114	3	SCI 2233/LAB	3/1	ENG 1102/04	3	IS 2241	3	CS 3310	3
1 ST YEAR	ENG 1101/03	3	STAT 2210	3	BIO 1120/LAB	3/1	COM 2241	15.5	CALC LA PARTIE	
	220-21		S POST CONTRACT		10 S. O. P. S. S.		THERE BY ST	102	Scholasteric I	
	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	6	TOTAL	3
	term 1		TERM 2		term 3		term 4		term 5	
2 ND	GEO 3300	3	GIS 3301	3	AREA IV SS Course	3	GEO 3301	3	FREE ELEC	2
YEAR	AREA III SCI/LAB Course	3/1	AREA II LIT Course	3	SS 3375	3	AREA II HUM/FA Course	3	AREA II FINE ARTS Course	3
	TOTAL	7	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	5
	term 1		term 2		term 3		term 4		term 5	
	GIS 3390	3	MINOR COURSE	3	GIS 3391	3	MINOR COURSE	3	AREA IV HIS Course	3
3 RD YEAR	MINOR COURSE	3	GIS 3310	3	AREA IV SS Course	3	GIS 3305	3	GIS 4499*	3
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	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	3/6
	term 1		term 2		term 3		term 4		term 5	
	GEO COURSE	3	GEO COURSE	3	GEO COURSE	3	GEO COURSE	3	GIS 4490*	3
4 ^{тн}	MINOR COURSE	3	MINOR COURSE	3	AREA IV SS Course	3	MINOR COURSE	3	FREE ELEC	3
YEAR				1					FREE ELEC	3
	TOTAL	6	TOTAL	6	SUBMIT GRA	DUA 6	TION APPLICATION	6	TOTAL	6/9
	TOTAL	0	TOTAL		TOTAL		TOTAL		TOTAL PROGRAM	120
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col	MPLETE ALL REQUIREMENTS	(58 HOURS)
ARE	AI	
	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
ARE	AII	
	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.	
ARE	A 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
ARE	AIV	
	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 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
CS	3310	FOUNDATIONS OF COMPUTER SCIENCE	3 HOURS
SS	3375	RESEARCH METHODS IN THE SOCIAL SCIENCES	3 HOURS
TROY	1101	THE UNIVERSITY EXPERIENCE	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 11 OR IV.

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN GEOGRAPHIC INFORMATION SCIENCES MAJOR-GEOGRAPHY CONCENTRATION

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PROGRAM YEAR-2023-24

GEOGRAI 2.0 GPA R		ORMAIION SCIENCES	(36 HOURS
GEO GEO GIS 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 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS
SELECT T	wo cou	RSES FROM THE FOLLOWING:	6 HOURS
GEO Geo Geo	3350 4401 4403 4406 4411	WEATHER AND CLIMATE Political Geography Conservation Urbanism Population and Society	3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS 3 HOURS
SELECT T	WO FRO	M THE FOLLOWING REGIONAL GEOGRAPHY COURSES:	6 HOURS
GEO Geo Geo	3307 3306 3312 3326 3331	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)
		18 SEMESTER HOUR MINOR IS REQUIRED TO COMPLETE THIS DEGREE Ditional majors are acceptable.	
FREE ELE	CTIVES R	EQUIREMENT	(8 HOURS)
TAKE	8 SEMEST	FER HOURS OF FREE ELECTIVE CREDIT	8 HOURS

TAKE 8 SEMESTER HOURS OF FREE ELECTIVE CREDIT

ERSITY TM

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.