

BACHELOR OF SCIENCE DEGREE

ENVIRONMENTAL SCIENCE

Geospatial Technologies Concentration

2023-2024 Catalog

Total Degree Requirements 120

NAME _____ UA/GA _____ GRAD DATE _____
 DSU ID# _____ ADVISOR _____ BAN _____ GPA _____
 Evaluated by _____ Date _____ DBASE _____ HON _____

GENERAL EDUCATION REQUIREMENTS 40-41				
COURSE	SUB/TR	SEM	HRS	GR
ENG 101 Eng Comp			3	
ENG 102/200/201 Eng Comp			3	
*ENG LIT- ENG 201, 203, 205 or 206			3	
HIS 101,102,103,104,201, or 202			3	
**FINE ARTS			3	
PHI 201, ENG LIT, HIS OR				
**FINE ART not already taken			3	
MAT 103 Quant Reas, MAT 104 Col Alg,				
MAT 106 Precal, <u>OR</u> MAT 115 Stats			3	
CHE 101/103 Gen Chemistry & Lab			4	
CHE 102/104 Gen Chemistry II & Lab			4	
GEO 303 World Regional Geography			3	
***Perspectives on Society			3	
****Personal Development			2-3	
COM 101 or 202			3	

*Transfer credit for most lit courses will count for this requirement

**Select one introduction/appreciation/history of art, music or creative writing

Fine Arts: ART 101, 212, 401, 402, 405; MUS 105, 114, 115, 116; or ENG 202

***ECO 210, 211; GEO 201, 303; HON 290; PSC 103, 201; PSY 101; SOC 101

****Select one from SHS 360; CEL 300; CIS 205; FCS 215, 270, 325, 343; SWO 101, 300; Foreign Lang 101; HON 102; LIB 101; Select two from PER 101, PER 100 level activity

COURSE	SUB/TR	SEM	HRS	GR
*University Requirement FYS 100/300			1	

*FYS 103 for honor students can meet this requirement.

SPECIAL DEGREE REQUIREMENTS 6				
Select one of the following combinations:				
MAT 105 Plane Trig			3	
MAT 251 Calculus I			3	
OR				
MAT 105 Plane Trig			3	
MAT 300 App Prob & St Meth			3	
OR				
MAT 251 Calculus I			3	
MAT 252 Calculus II			3	
OR				
MAT 251 Calculus I			3	
MAT 300 App Prob & St Meth			3	

ENVIRONMENTAL SCIENCE CORE 15				
COURSE	SUB/TR	SEM	HRS	GR
BIO 100 Prin of Biology			4	
BIO 101 Prin of Biology II			4	
BIO 301 Ecology			4	
GIS 202 Intro Geospatial Sci (GIS I)			3	
GEOSPATIAL TECHNOLOGIES 58-65				
ART 123 Intro Digital Art			3	
BIO 123 Fnd of Env Science			3	
BIO 415 Mtls & Mthds in Env Science			4	
GIS 200 Computerized Maps & Cartography			3	
GIS 310 Adv GST II			3	
GIS 461 Geosp Math, Algorithms & Stats			3	
GIS 490 Spatial Tech. Internship			3	
REM 316 Remote Sensing			3	
GIS/REM 300-level or above			3	
GIS/REM 300-level or above			3	
Select three of the following: 9-12				
BIO 221, 309, 312, 319, 321, 328, 340				
CHE 319, 320, 321, 322				
PHY 256; BIO 314 or PHY 314				
BIO /CHE/PHY			3-4	
BIO/CHE/PHY			3-4	
BIO/CHE/PHY			3-4	
Select four of the following: 12-16				
BIO 404, 405, 408, 410, 411, 414, 416, 425, 439, 440,				
447, 459, 461, 462, 463, 477, 478; CHE 434				
BIO/CHE			3-4	
BIO/CHE			3-4	
BIO/CHE			3-4	
BIO/CHE			3-4	
Social Sci Electives - select two of the following 6				
GEO 407 Economic Geography			3	
GEO 416 Conservation Natural Resources			3	
PSC 302 Politics of Globalization			3	
SOC 421 Sustainable Development			3	
SOC 422 Environment & Society			3	
SOC 426 The Delta in Global Context			3	
SOC 485 Demography & Human Pop Studies			3	

GENERAL ELECTIVES 0-5			
COURSE	GR/HR	COURSE	GR/HR