

Geospatial Sciences, B.S.
College of Humanities and Social Sciences
8 Semester Plan

Human-Environmental Concentration

Year 1 - Fall (15 credits)	Credits	Year 1 - Spring (16 credits)	Credits
ENGL 1101- Composition I [A1]	3	ENGL 1102- Composition II [A1]	3
ECON 1000- Contemporary Economic Issues [B1]	2	General Education- World History [E3]	3
General Education- Quantitative [A2]	3	General Education- Applied Math [D1]	3
GEOG 1112- Weather & Climate <i>or</i> GEOG 1113-Introduction to Landforms	4	General Education- Science Processes (Non-STEM) [D2]	4
GEOG 1102- Earth from Above	3	GEOG 1101- Intro to Human Geography <i>or</i> GEOG 1125- Resources, Society, & the Environment <i>or</i> GEOG 1130- World Regional Geography	3
TOTAL	15	TOTAL	16
Year 2 - Fall (15 credits)	Credits	Year 2 - Spring (15 credits)	Credits
POLS 1101- American Government [E1]	3	General Education- U.S. History [E2]	3
General Education- Social Science [E4]	3	General Education- Cultural Perspectives [B2]	3
General Education- Science Processes (Non-STEM) [D2]	3	General Education- Literature of the World [C1]	3
GEOG 3305- Intro to Cartographic Processes	3	GEOG 4405- Advanced Geographic Information Systems	3
GEOG 3315- Intro to Geographic Info Systems	3	GEOG 2200- Research Methods <i>or</i> TCOM 2010- Technical Writing	3
TOTAL	15	TOTAL	15
Year 3 - Fall (14 credits)	Credits	Year 3 - Spring (15 credits)	Credits
Area F Elective (1 of 2)	3	Area F Elective (2 of 2)	3
GEOG 2391- Professionalism & Ethics	2	General Education- Arts & Culture of the Worlds [C2]	3
SURV 3320- Photogrammetry & Drone Analysis	3	GEOG 4410- Intro to Remote Sensing	3
Physical & Environmental Course	3	Human & Society Course	3
Free Elective (1 of 5)	3	Free Elective (2 of 5)	3
TOTAL:	14	TOTAL:	15
Year 4 - Fall (15 credits)	Credits	Year 4 - Spring (15 credits)	Credits
Group A Course (1 of 2)	3	Group B Course (1 of 1)	3
Group A Course (2 of 2)	3	GIS 33980 Internship	6
Physical & Environmental Course <i>or</i> Human & Society Course	3	Free Elective (4 of 5)	3
Physical & Environmental Course <i>or</i> Human & Society Course	3	Free Elective (5 of 5)	3
Free Elective (3 of 5)	3		
TOTAL:	15	TOTAL:	15

Program Total: 120 Credit Hours

***Recommended General Education Course** †Milestone

This academic map is a suggested four-year schedule of courses based on degree requirements in the undergraduate catalog. This sample schedule serves as a general guideline to help build a full schedule each term. Missing milestones could delay your program. Also see the current undergraduate catalog for a complete list of requirements, electives, and pre-requisites. This map is not a substitute for academic advisement. Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information.

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Information Systems Concentration

Year 1 - Fall (15 credits)	Credits	Year 1 - Spring (16 credits)	Credits
ENGL 1101- Composition I [A1]	3	ENGL 1102- Composition II [A1]	3
ECON 1000- Contemporary Economic Issues [B1]	2	General Education- World History [E3]	3
General Education- Quantitative [A2]	3	General Education- Applied Math [D1]	3
GEOG 1112- Weather & Climate <i>or</i> GEOG 1113- Introduction to Landforms	4	General Education- Science Processes (Non-STEM) [D2]	4
GEOG 1102- Earth from Above	3	GEOG 1101- Intro to Human Geography <i>or</i> GEOG 1125- Resources, Society, & the Environment <i>or</i> GEOG 1130- World Regional Geography	3
TOTAL	15	TOTAL	16
Year 2 - Fall (15 credits)	Credits	Year 2 - Spring (15 credits)	Credits
POLS 1101- American Government [E1]	3	General Education- U.S. History [E2]	3
General Education- Social Science [E4]	3	General Education- Cultural Perspectives [B2]	3
General Education- Science Processes (Non-STEM) [D2]	3	General Education- Literature of the World [C1]	3
GEOG 3305- Intro to Cartographic Processes	3	GEOG 4405- Advanced Geographic Information Systems	3
GEOG 3315- Intro to Geographic Info Systems	3	IS 2200- Information Systems & Communication	3
TOTAL		TOTAL	15
Year 3 - Fall (14 credits)	Credits	Year 3 - Spring (15 credits)	Credits
Area F Elective (1 of 2)	3	Area F Elective (2 of 2)	3
GEOG 2391- Professionalism & Ethics	2	General Education- Arts & Culture of the Worlds [C2]	3
SURV 3320- Photogrammetry & Drone Analysis	3	GEOG 4410- Intro to Remote Sensing	3
IS Elective (1 of 4)	3	IS Elective (2 of 4)	
Free Elective (1 of 5)	3	Free Elective (2 of 5)	
TOTAL:	14	TOTAL:	
Year 4 - Fall (15 credits)	Credits	Year 4 - Spring (15 credits)	Credits
Group A Course (1 of 2)	3	Group B Course (1 of 1)	3
Group A Course (2 of 2)	3	GIS 3398- Internship	6
IS Elective (3 of 4)	3	Free Elective (4 of 5)	3
IS Elective (4 of 4)	3	Free Elective (5 of 5)	3
Free Elective (3 of 5)	3		
TOTAL:	15	TOTAL:	15

Program Total: 120 Credit Hours

***Recommended General Education Course** †**Milestone**

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Land Surveying Concentration

Year 1 - Fall (15 credits)	Credits	Year 1 - Spring (16 credits)	Credits
ENGL 1101- Composition I [A1]	3	ENGL 1102- Composition II [A1]	3
ECON 1000- Contemporary Economic Issues [B1]	2	General Education- World History [E3]	3
General Education- Quantitative [A2]	3	General Education- Applied Math [D1]	3
GEOG 1112- Weather & Climate <i>or</i> GEOG 1113- Introduction to Landforms	4	General Education- Science Processes (Non-STEM) [D2]	4
GEOG 1102- Earth from Above	3	GEOG 1101- Intro to Human Geography <i>or</i> GEOG 1125- Resources, Society, & the Environment <i>or</i> GEOG 1130- World Regional Geography	3
TOTAL	15	TOTAL	16
Year 2 - Fall (15 credits)	Credits	Year 2 - Spring (15 credits)	Credits
POLS 1101- American Government [E1]	3	General Education- U.S. History [E2]	3
General Education- Social Science [E4]	3	General Education- Cultural Perspectives [B2]	3
General Education- Science Processes (Non-STEM) [D2]	3	General Education- Literature of the World [C1]	3
GEOG 3305- Intro to Cartographic Processes	3	SURV 3320- Photogrammetry & Drone Analysis	3
GEOG 3315- Intro to Geographic Info Systems	3	EDG 2160- Civil Graphics & Computer Aided Drafting	3
TOTAL	15	TOTAL	15
Year 3 - Fall (15 credits)	Credits	Year 3 - Spring (17 credits)	Credits
Area F Elective (1 of 2)	3	Area F Elective (2 of 2)	3
GEOG 2391- Professionalism & Ethics	2	General Education- Arts & Culture of the Worlds [C2]	3
GEOG 4405- Advanced Geographic Information Systems	3	GEOG 4410- Intro to Remote Sensing	3
SURV 2221- Surveying I	3	SURV 3222- Surveying II	3
SURV 2221L- Surveying I Lab	1	SURV 3222L- Surveying II Lab	1
Free Elective (1 of 3)	3	Free Elective (2 of 3)	3
TOTAL:	15	TOTAL:	16
Year 4 - Fall (15 credits)	Credits	Year 4 - Spring (15 credits)	Credits
Group A Course (1 of 2)	3	Group B Course (1 of 1)	3
Group A Course (2 of 2)	3	SURV 4470- Land Development Design	3
SURV 4465- Legal Aspects of Land Surveying	4	SURV 4475- Land Surveying Practice	3
SURV 3451- Terrain Analysis	3	SURV 4110- Geospatial Sciences Practice	3
Free Elective (3 of 3)	3		
TOTAL:	16	TOTAL:	12

Program Total: 120 Credit Hours

***Recommended General Education Course** †**Milestone**

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