

**2025-2026**  
**Program Map**  
**BS in Earth and Environmental Sciences**  
**GIS Concentration**

YEAR 1			
TERM 1		TERM 2	
Course	Credits	Course	Credits
C1: ENGL 1101	3	C2: ENGL 1102	3
M: MATH 1113	3	P1: POLS 1101	3
I2: XIDS 2002	2	P1: HIST 2111 OR 2112	3
F: GEOG 1112 + LAB	4	F: GEOL 1121 + LAB	4
A1: HUMANITIES	3	S1: GEOG 1013	3
SEMESTER TOTAL	15	SEMESTER TOTAL	16
Milestones		Milestones	
<ul style="list-style-type: none"> <li>• Complete ENGL 1101; Required to earn C or higher.</li> </ul>		<ul style="list-style-type: none"> <li>• Complete ENGL 1102; Required to earn C or higher.</li> <li>• Target: 30 credit hours completed.</li> </ul>	
YEAR 2			
TERM 1		TERM 2	
Course	Credits	Course	Credits
F: MATH 1401	3	GEOG/GEOL 2333	2
F: GEOG 2553	3	T2: GEOG 2202 + LAB	4
F: GEOG 1113 + LAB	4	A2: HUMANITIES	3
T1: STEM COURSE	3	GEOG 3563	4
S2: HIST 1111 OR 1112	3	I1: ORAL COMMUNICATION	3
SEMESTER TOTAL	16	SEMESTER TOTAL	16
Milestones		Milestones	
<ul style="list-style-type: none"> <li>• Target: 45 credit hours completed</li> <li>• Complete GEOG 2553</li> </ul>		<ul style="list-style-type: none"> <li>• Target: 60 credit hours completed</li> <li>• Complete GEOL/GEOL 2333</li> <li>• Complete GEOG 3563</li> </ul>	

This program map is intended ONLY as a guide for students to plan their course of study. It does NOT replace any information in the Undergraduate Catalog, which is the official guide for completing degree requirements.

YEAR 3			
TERM 1		TERM 2	
Course	Credits	Course	Credits
T3: STEM COURSE	4	GEOG/GEOL 3333	3
GEOG 4553	4	GEOG 4554	4
Elective 3000-4000 level	3	GEOG 4564	4
Elective	3	Elective 3000-4000 level	3
SEMESTER TOTAL	14	SEMESTER TOTAL	14
<b>Milestones</b>		<b>Milestones</b>	
<ul style="list-style-type: none"> <li>Target: 75 credit hours completed</li> <li>Complete GEOG 4553</li> </ul>		<ul style="list-style-type: none"> <li>Target: 90 credit hours completed.</li> <li>Complete GEOL/GEOG 3333</li> <li>Complete GEOG 4554</li> </ul>	
YEAR 4			
TERM 1		TERM 2	
Course	Credits	Course	Credits
GEOG/GEOL 4333	2	GEOG 4893	4
GEOG 4755	4	Elective	3
Elective 3000-4000 level	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
SEMESTER TOTAL	15	SEMESTER TOTAL	16
<b>Milestones</b>		<b>Milestones</b>	
<ul style="list-style-type: none"> <li>Target: 105 credit hours completed</li> <li>Complete GEOL/GEOG 4333</li> </ul>		Target: 120 credit hours completed	

This program map is intended ONLY as a guide for students to plan their course of study. It does NOT replace any information in the Undergraduate Catalog, which is the official guide for completing degree requirements.