

ASSESSMENT PLAN: B.S. Geography

Date Updated: Spring 2022

PROGRAM LEARNING OUTCOMES (PLOs)

Students graduating with a B.S. in Geography will be able to:

<i>PLO 1</i>	Synthesize geographic knowledge, apply research strategies and use quantitative tools to solve problems of a geographic nature and relevant to a changing world (e.g. in resource management, spatial analysis, environmental change, and sustainable development)
<i>PLO 2</i>	Identify and communicate key geographical processes, ideas, concepts and outcomes orally, in writing, and through the use of geographical information systems (GIS) and other spatial representations
<i>PLO 3</i>	Identify, describe and explain the environmental, social, cultural, economic and other key characteristics and dynamics of different world regions
<i>PLO 4</i>	Demonstrate effective teamwork ability by contributing to successful execution of group projects in the classroom, GIS laboratory and/or in the field
<i>PLO 5</i>	Identify, describe and explain how local, regional and global environmental, human societal, and economic processes and their outcomes are related to sustainable development

Year 1: 2018-2019

<i>1. Which PLO(s) to assess</i>	PLO #1
<i>2. Is it aligned to an ILO?</i>	Yes
<i>3. If yes, list ILO.</i>	Critical thinking
<i>4. Course name and number</i>	GEOG 445, Watershed Resources, (Future plan: GEOG 499 Senior Seminar in Geography/ or ENVT 493 Environmental Projects if substituted)
<i>5. SLO from course</i>	2. identify and articulate the different qualities, values and uses of water - consumptive and non-consumptive, economic and environmental - and the differences and inequities in water supply across regions. 3. calculate indices of water supply reliability and identify and explain the key components of an urban water management plan.

6. <i>Assessment activity</i>	Secondary assessment of midterm and final exam, quizzes, lab activity worksheets, and data analysis projects
7. <i>Assessment Instrument</i>	Faculty rating of student achievement (outstanding, proficient, still developing)
8. <i>How data will be reported</i>	Quantitative and qualitative
9. <i>Responsible person(s)</i>	Geography faculty
10. <i>Time (which semester(s))</i>	Spring
11. <i>Ways of closing the loop</i>	Identified knowledge gaps will be addressed by targetted additions of relevant assignments.

Year 2: 2019-2020

1. <i>Which PLO(s) to assess</i>	PLO #2
2. <i>Is it aligned to an ILO?</i>	Yes
3. <i>If yes, list ILO.</i>	Communication
4. <i>Course name and number</i>	GEOG 499 Senior Seminar in Geography/ or ENVT 493 Environmental Projects if substituted
5. <i>SLO from course</i>	Demonstrate their ability to write an analytical or argumentative paper in college-level academic English using an approved style guide;
6. <i>Assessment activity</i>	Capstone project report
7. <i>Assessment Instrument</i>	Faculty rating of student achievement using rubric (Mastering, Advancing, Developing, Not Yet Developed)
8. <i>How data will be reported</i>	Quantitative and qualitative
9. <i>Responsible person(s)</i>	Geography faculty
10. <i>Time (which semester(s))</i>	Spring
11. <i>Ways of closing the loop</i>	Identified knowledge gaps will be addressed by targetted additions of relevant assignments.

Year 3: 2020-2021

1. <i>Which PLO(s) to assess</i>	PLO #1, #2, #4
2. <i>Is it aligned to an ILO?</i>	YES
3. <i>If yes, list ILO.</i>	Thinking and Reasoning, Communication, Collaboration
4. <i>Course name and number</i>	GEOG 499 Senior Seminar in Geography/ or ENVT 493 Environmental Projects if substituted
5. <i>SLO from course</i>	<ol style="list-style-type: none"> 1. Demonstrate detailed knowledge of and the ability to use concepts and theories related to the field of geography; 2. Demonstrate their ability to write an analytical or argumentative paper in college-level academic English using an approved style guide; 3. Demonstrate their ability to make professional-quality presentations on assigned topics and /or on their individual research; 4. Demonstrate their ability to prepare for and actively contribute to group discussions on identified readings, exhibiting academic

	maturity and rigor in peer interactions.
6. <i>Assessment activity</i>	Secondary analysis of capstone project report.
7. <i>Assessment Instrument</i>	Faculty rating of student achievement using rubric (Mastering, Advancing, Developing, Not Yet Developed)
8. <i>How data will be reported</i>	Quantitative and qualitative

9. <i>Responsible person(s)</i>	Geography faculty
10. <i>Time (which semester(s))</i>	Spring
11. <i>Ways of closing the loop</i>	Address knowledge gaps by providing additional practical assignments, increase student collaboration with study groups.

Year 4: 2021-2022

1. <i>Which PLO(s) to assess</i>	PLO #1, #2, #4
2. <i>Is it aligned to an ILO?</i>	YES
3. <i>If yes, list ILO.</i>	Thinking and Reasoning, Communication, Collaboration
4. <i>Course name and number</i>	GEOG 499 Senior Seminar in Geography/ or ENVT 493 Environmental Projects if substituted
5. <i>SLO from course</i>	<ol style="list-style-type: none"> 1. Demonstrate detailed knowledge of and the ability to use concepts and theories related to the field of geography; 2. Demonstrate their ability to write an analytical or argumentative paper in college-level academic English using an approved style guide; 3. Demonstrate their ability to make professional-quality presentations on assigned topics and /or on their individual research; 4. Demonstrate their ability to prepare for and actively contribute to group discussions on identified readings, exhibiting academic maturity and rigor in peer interactions.
6. <i>Assessment activity</i>	Secondary analysis of capstone project report.
7. <i>Assessment Instrument</i>	Faculty rating of student achievement using rubric (Mastering, Advancing, Developing, Not Yet Developed)
8. <i>How data will be reported</i>	Quantitative and qualitative
9. <i>Responsible person(s)</i>	Geography faculty
10. <i>Time (which semester(s))</i>	Spring
11. <i>Ways of closing the loop</i>	Address knowledge gaps by providing additional practical assignments, increase student collaboration with study groups.

Year 5: 2022-2023

1. <i>Which PLO(s) to assess</i>	PLO #3,#5
2. <i>Is it aligned to an ILO?</i>	YES
3. <i>If yes, list ILO.</i>	Thinking and Reasoning; Diversity; Sustainability
4. <i>Course name and number</i>	GEOG 499 Senior Seminar in Geography/ or ENVT 493 Environmental Projects if substituted

5. <i>SLO from course</i>	<ol style="list-style-type: none"> 1. Demonstrate detailed knowledge of and the ability to use concepts and theories related to the field of geography; 2. Demonstrate their ability to write an analytical or argumentative paper in college-level academic English using an approved style guide; 3. Demonstrate their ability to make professional-quality presentations on assigned topics and /or on their individual research.
6. <i>Assessment activity</i>	Secondary analysis of capstone project report.
7. <i>Assessment Instrument</i>	Faculty rating of student achievement using rubric (Mastering, Advancing, Developing, Not Yet Developed)
8. <i>How data will be reported</i>	Quantitative and qualitative
9. <i>Responsible person(s)</i>	Geography faculty
10. <i>Time (which semester(s))</i>	Spring
11. <i>Ways of closing the loop</i>	Address knowledge gaps by providing additional practical assignments, increase student collaboration with study groups.