

## MAJOR PROGRAM ASSESSMENT PLAN: GEOGRAPHY

Department Geography & Planning

Student Learning Goals/Objectives	Courses* Resulting in Achievement of Goals/Objectives	Activities Resulting in Achievement of Goals/Objectives	Measures/Criteria/Rubrics of Student Achievement of Goals/Objectives	Timetable
<p>Geography Goal 1—Students will understand the five essential elements of Geography; a spatial world view; places and regions; physical systems; human systems; environment and society</p>	<p>GEG 101, 102</p>	<p>Score of embedded questions on tests</p>	<p>Standards based on % of assessment questions correctly answered as follows:                      Exceeding = 85-100                      Meeting = 70-84                      Approaching = 50-69                      Failing = &lt;50</p>	<p>Spring</p>
<p>Geography Goal 2—Students will have basic competency in technical skills appropriate to the discipline</p>	<p>See Geography Goals 2a-d below</p>	<p>See Geography Goals 2a-d below</p>	<p>Students will be able to demonstrate competence in a least three of the following areas:</p> <ol style="list-style-type: none"> <li>1. Computer literacy.</li> <li>2. Spatial and demographic database construction and management.</li> <li>3. Prepare maps and conduct spatial analysis using Geographic Information Systems (GIS).</li> <li>4. Basic and spatial statistics.</li> <li>5. Map and air photo/remote sensing interpretation.</li> <li>6. Computer based modeling.</li> </ol> <p>Specific basic competency in technical skills may vary from student to student. See Geography Goals 2a-d below for details.</p>	<p>See Geography Goals 2a-d below</p>
<p>Geography Goal 2a—Students will have basic skills in computer literacy, database construction and management, and computer-based modeling</p>	<p>GEG 199</p>	<p>Score on final project</p>	<p>Standards based on score (out of 100) on final project as follows:                      Exceeding = 85-100                      Meeting = 70-84                      Approaching = 50-69                      Failing = &lt;50</p>	<p>Spring</p>

Geography Goal 2b—Prepare maps and conduct spatial analysis using GIS	GEG 425	Score on five lab exercises	Standards based on score (out of 100) on five lab exercises as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50	Spring
Geography Goal 2c—Basic statistics	GEG 390	Score on final exam	Standards based on score (out of 100) on final exam as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50	Fall
Geography Goal 2d—Map and airphoto/remote sensing interpretation skills	GEG/PLN 325	Score on five lab exercises	Standards based on score (out of 100) on five lab exercises as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50	Spring
Geography Goal 3—Students will have basic competency in research skills	GEG/PLN 430	Score on written component of senior thesis	Standards based on score (out of 100) on research project as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50 Rubric attached.	Spring
Geography Goal 4—Students will have communication skills appropriate to the discipline	GEG/PLN 430	Score on oral presentation and defense of senior thesis	Standards based on score (out of 20) on oral presentation and defense of research project as follows: Exceeding = 17-20 Meeting = 14-16 Approaching = 10-13 Failing = <10 Rubric attached.	Spring

\*Course titles: GEG 101 World Natural Environments; GEG 102 Human Geography; GEG 199 Introduction to Computer Use in the Social Sciences; GEG/PLN 325 Remote Sensing and Mapping; GEG 390 Quantitative Methods in Geography and Planning; GEG 425 Fundamentals of GIS; GEG/PLN 430 Senior Thesis

**Process/procedures for making changes if suggested by assessment results:**

The Geography & Planning Department will meet as a group during the semester following assessment to discuss the summary of the student learning assessment. Based on results of student performance with regard to each goal/objective, the Department will identify strengths and weaknesses in the curriculum. Courses and/or curriculum will be revised if necessary; or, the goals/objectives might be modified.

## MAJOR PROGRAM ASSESSMENT PLAN: PLANNING

Department Geography & Planning

Student Learning Goals/Objectives	Courses* Resulting in Achievement of Goals/Objectives	Activities Resulting in Achievement of Goals/Objectives	Measures/Criteria/Rubrics of Student Achievement of Goals/Objectives	Timetable
Planning Goal 1—Students will understand the basic themes of planning and the multidisciplinary aspects of the profession	PLN 315	Score of embedded questions on tests	Standards based on % of assessment questions correctly answered as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50	Fall
Planning Goal 2—Students will have basic competency in technical skills appropriate to the discipline	See Planning Goals 2a-e below	See Planning Goals 2a-e below	Students will be able to demonstrate competence in a least three of the following areas:  1. Computer literacy.  2. Spatial and demographic database construction and management.  3. Prepare maps and conduct spatial analysis using Geographic Information Systems (GIS).  4. Basic statistics.  5. Map and air photo/remote sensing interpretation.  6. Concepts of natural resource conservation in planning.  7. Computer based modeling.  Specific basic competency in technical skills may vary from student to student. See Planning Goals 2a-e below for details.	See Planning Goals 2a-e below
Planning Goal 2a—Students will have basic skills in computer literacy, database construction and management, and computer-based modeling	GEG 199	Score on final project	Standards based on score (out of 100) on final project as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50	Spring

Planning Goal 2b—Prepare maps and conduct spatial analysis using GIS	GEG 425	Score on five lab exercises	Standards based on score (out of 100) on five lab exercises as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50	Spring
Planning Goal 2c—Basic statistics	GEG 390	Score on final exam	Standards based on score (out of 100) on final exam as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50	Fall
Planning Goal 2d—Map and airphoto/remote sensing interpretation skills	PLN 325	Score on five lab exercises	Standards based on score (out of 100) on five lab exercises as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50	Spring
Planning Goal 2e—Concepts of natural resource conservation in planning	GEG 307	Score of embedded questions on tests	Standards based on % of assessment questions correctly answered as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50	Fall
Planning Goal 3—Students will have basic competency in research skills	GEG/PLN 430	Score on written component of senior thesis	Standards based on score (out of 100) on research project as follows: Exceeding = 85-100 Meeting = 70-84 Approaching = 50-69 Failing = <50 Rubric attached.	Spring
Planning Goal 4—Students will have communication skills appropriate to the discipline	GEG/PLN 430	Score on oral presentation and defense of senior thesis	Standards based on score (out of 20) on oral presentation and defense of research project as follows: Exceeding = 17-20 Meeting = 14-16 Approaching = 10-13 Failing = <10 Rubric attached.	Spring

\*Course titles: PLN 315 Principles of Urban and Regional Planning; GEG 199 Introduction to Computer Use in the Social Sciences; GEG 307 Conservation and Environmental Management; GEG/PLN 325 Remote Sensing and Mapping; GEG 390 Quantitative Methods in Geography and Planning; GEG 425 Fundamentals of GIS; GEG/PLN 430 Senior Thesis

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