

GE 4100 Geographic Information Systems Internship

Plymouth State University - CIS Abroad
Internship for Credit

Course Description:

This Geographic Information Systems (GIS) internship course is a supervised application of GIS in government, business, non-profit, educational, or other related organizations. The course monitors students as they progress in their GIS Internship and helps their GIS career development. Students will intensively engage in an individualized GIS work program at an agency that emphasizes some aspects of urban planning, environmental studies, criminal justice, tourism, or other area related to their field(s) of study. Students will work on various GIS projects, such as GPS data collection, digital mapping, spatial database management, spatial analysis, 3-dimensional mapping, and web-based GIS. Students completing this course will obtain GIS application knowledge and experience and be able to demonstrate understanding and competency of GIS project management. Variable credit, 1-4 credits.

Expected Learning Outcomes:

- ❖ Students will gain an understanding of how their in-class work and learning can be applied to real jobs in the working world.
- ❖ Students will develop strong cross-cultural communication skills and learn how to succeed within the local work culture.
- ❖ Students will add to their already established skillset and develop further skills in their area of work
- ❖ Students will show an ability to synthesize their overseas internship experience, showing what they learned, gained, and developed while abroad in the essay assignments.

Course Requirements:

To be eligible for the Geographic Information Systems (GIS) internship, students must have met the following prerequisite(s): 1) basic computer skills and knowledge of GIS techniques; 3) at least 60 credits (approximately 2 years of university), and a minimum GPA of 2.5 or higher.

Course Plan:

Participants will be required to complete a Pre-Departure Paper (3 page minimum) that explains the purpose, goals, objectives, and anticipated outcomes of the internship. Specifically, the participant will list at least 5 goals relating to personal or professional development and will also explain why he or she believes that these particular goals are important for his/her future success.

Three guided reflection papers are required to complete the course. These papers will ask students to reflect on key phases of the internship experience: arrival and settling in; reconciling expectations with reality as well as productivity and increased independence; and adaptation and closure. The reflection papers are due throughout the internship program:

- ❖ First paper: about a week or two into the internship period
- ❖ Second paper: about the mid-point of the internship period
- ❖ Third paper: about a week or two before the internship period ends

Course participants will complete an online Mid-Term Self-Evaluation that critiques their progression towards their goals and assesses their learning.

For the final project, students must write a 6-8 page summative reflection that will ask students to think critically about their internship experience, whether or not their goals and objectives were reached, how their experience affected their academic, cultural, personal, and professional learning; and how this experience affected their future plans and goals. In addition, as part of the final project, students will record a video about their internship experience and what they learned.

Grading/Scoring/Methodology:

Students will be graded based on the following numerical breakdown:

A = 94 or higher, A- = 90 – 93, B+ = 87 – 89, B = 83 - 86, B- = 80 – 82, C+ = 77 – 79, C = 73 – 76, C- = 70 – 72, D+ = 67 – 69, D = 63 – 66, D- = 60 – 62, F = 59 or lower.

The Pre-departure paper, reflection papers, final video, and summative assessment will be assessed based on the Scoring Rubric.

The participant’s supervisor will be required to fill out a mid-term and final evaluation. This evaluation will be used to confirm the number of hours worked as well as the participant’s contribution and participation at the internship.

Late assignments: Any assignment turned in late will be deducted 10% of the total number of points possible. If the assignment is more than one week late, 25% of the total number of points will be deducted. No points will be given for an assignment that is turned in more than 2 weeks late.

Assignment	Grade	Total points possible	Due Date
Pre-Departure Paper		25	One week prior to departure
Reflection Paper #1		15	A week or two into the internship
Reflection Paper #2		20	Mid Term, at the mid-point of the internship period
Mid Term Self-Evaluation		CR/NCR	Mid Term
Mid Term Supervisor Evaluation		CR/NCR	Mid Term

Reflection Paper #3		15	A week or two before the internship period ends
Final Supervisor Evaluation		CR/NCR	Conclusion of internship period
Final Project (Summative Reflection Paper (15) and Video (10))		25	Video to be presented to placement organization during final week of internship period and submitted to on-line portal; paper due within one week after internship ends
Total		100	

Add/Drop Period and Withdrawal:

The first week of the program is an add/drop period in which participants can drop the credit bearing course with no academic penalty. Participants will be able to withdraw from the credit bearing course up until the midterm assignments are due. A withdrawal before the midterm assignments are due will still result in a transcript, but with the grade of withdrawal. There is no option to withdraw after the midterm assignments are due.