

# **GEOG 4/581 Introduction to GIS**

## **Course Instructor**

**Megen Brittell**  
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## **Laboratory Instructor (GTF)**

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## **Class Schedule and Resources**

**Lecture:** 260 Condon  
9:00 – 9:50 am, Monday and Wednesday

**Lab:** 442 McKenzie, Social Sciences Instructional Laboratory (SSIL)  
Section 1: Monday 10:00 – 11:50 am  
Section 2: Wednesday 10:00 – 11:50 am

**Lab Hours:** *Check the calendar for availability:* <http://ssil.uoregon.edu/calendars/>  
SSIL Classroom  
Reed Room, Knight Library

**Server Access:** Remote access to the SSIL Network Drives:  
<http://ssil.uoregon.edu/ssil/ssil-network-drives-and-connecting-remotely/>

VPN access to the UO Network: <https://it.uoregon.edu/vpn>

**Text:** (Required) Title (edition). Author:

## **Course Learning Objectives:**

- Plan and execute a GIS analysis using a software framework
- Communicate the results of a GIS analysis through language and graphics
- Identify significant events in the development of GIS as a discipline and science
- Articulate the characteristics and relative differences between data representations
- Identify and critique the design choices that were made in map design (projection, map type, color scheme)
- Describe data by its type and distribution
- Critically evaluate geospatial arguments in popular media
- Develop skills in information seeking (on campus and online)

## **Grades:**

Apple of the Day	-- points
Lab Assignments	-- points
In-class Quizzes	-- points
Final Exam	-- points
<u>Final Project</u>	<u>-- points</u>
<b>Total</b>	<b>-- points</b>

## ***Graduate students:***

In addition to the work listed above, graduate students will also complete a research activity. You may choose to compile an annotated bibliography (10 peer reviewed articles, 300-400 words each) or write a paper that describes and interprets the analysis done in your final project (5-10 pages, minimum 2 peer reviewed references).

<u>Research Activity</u>	<u>-- points</u>
<b>Total</b>	<b>-- points</b>

## **Getting Help**

**Blackboard Discussion Board “FAQ”:** watched by the teaching staff, but also available as a reference for the entire class. If you have a solution, please reply to the question – Extra credit for a solution that resolves the question or substantially improves the previous solution (up to 3 points per solution with a maximum of 15 extra credit points)

**Email:** Please address questions to the entire teaching staff – this will ensure the most timely response. *For questions whose answers may be of use to the greater class population, our default reply will be: “I’ll start investigating, please post on the forum and I will respond there.” (Please let us know if you prefer to have us post your question anonymously.)*

**Office Hours:** Each member of the teaching staff has scheduled office hours. Please stop by with questions.