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Office Hours: Tuesday 2pm, Wednesday 2pm (at Smith Hall), Thursday and Friday 11 am

### **Course Learning Outcomes**

The goal of the course is to give students a glimpse into the inherent beauty of mathematics and its myriad applications across STEM fields, while preparing them to do undergraduate research later in their careers. Along those lines, we will consider questions such as:

- 1) Why do people do research?
- 2) What is the research question?
- 3) What is the approach?
- 4) Are the researchers collecting and analyzing data? What are their conclusions?
- 5) Did the researchers have unanswered questions?

We will also learn to use search tools to find information about a topic, and evaluate the quality of that information. Finally, we will also discuss the importance of ethics to research projects.

### **Grading**

The most important thing for you to do in this class is show up! Your attendance and participation will account for 50% of your grade. The other 50% of your grade will be based on a handful of small (this is a one-credit course, after all!) assignments throughout the semester. These will be things like brief reflections on the research presented by various guest speakers, synopses of articles we review, literature searches, etc...

### **Final Exam**

Our final exam period is 8 am – 10 am on Wednesday, May 17. We won't have a traditional final exam, but there will be some sort of activity (and probably food!) so attendance is required.

### **Academic Misconduct**

Researchers are expected to adhere to high ethical standards. Therefore, academic misconduct in any form is not acceptable. If you are uncertain about what constitutes academic misconduct, please consult with me or refer to the description at <http://www.uwsp.edu/dos/Pages/Academic-Misconduct.aspx>. I will deal with issues of academic misconduct in accordance with university procedures, also described in the above publication.

### **Disability Services**

There are a number of resources available for students with documented disabilities. A full listing of them can be found at <http://www.uwsp.edu/disability/Pages/default.aspx>. Please be aware that, in order to take advantage of some of the services, you must provide me with an Accommodation Request Form I will sign. You must return the form to Disability Services.

