

# STAT 510: Statistical Consulting Seminar

Andrew Hoegh

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E-mail: [andrew.hoegh@montana.edu](mailto:andrew.hoegh@montana.edu)

Office Hours: Tu 10:30 - 12, Fr 11:30 - 1

Office: Wilson Hall 2-241

Web: [stat575.github.io](https://stat575.github.io)

Class Hours: Tues 12:15-1:30

Class Room: *Wilson Hall 2-274*

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## Course Description

This course will be focused on seminar discussions of issues and cases in statistical consulting. Supervised practice in consulting with researchers from various disciplines

## Learning Outcomes:

- Gain an understanding of what is entailed in formal statistical consulting
- Demonstrate ability to interact with clients professionally
- Demonstrate ability to glean key information from clients in meetings
- Demonstrate ability to orally present the information collected and provide initial recommendations
- Demonstrate ability to synthesize advice and information from consulting seminar into a formal written report that is helpful to the client
- Demonstrate the ability to take notes quickly and effectively in meetings with the client and in our seminar meetings
- Demonstrate willingness to ask questions and participate fully in discussions
- Develop an appreciation and understanding of the complexities and difficulties associated with statistical consulting

## Goals

The goals of this course are:

1. to provide a setting to discuss effective statistical consulting
2. to give you the opportunity to practice being a consultant with support from your fellow graduate students and me, and
3. to provide statistical consulting

## Course Policies

### *Grading Policy*

You will earn a letter grade for the class (A,B,C,D,F). Please feel free to talk with me at any time in the semester about where you stand in terms of a grade based on your work up to that point. Please take the work in this class seriously as it reflects on our students, our faculty members, SCRS, and the department. For most of you this is your first professional gig as a statistician!

At the end of the semester, you will reflect on your performance in the class and rate yourself on the following criteria and write a paragraph evaluating and reflecting on your performance in the class. These will serve as prior information for my final assigned scores. Then we will meet briefly during finals week to discuss your ratings.

1. How was your performance on weekly modules?
2. How meaningful and helpful were your in-class contributions and how often did you participate?
3. Did you make reasonable progress toward finishing your reports in a timely manner?
4. Overall effectiveness of communication (with client, partners, and me)?
5. Part of learning to consult is developing as a professional and that involves attending seminars and other professional development opportunities when they don't conflict with other activities

### *Academic Misconduct*

Section 420 of the Student Conduct Code describes academic misconduct as including but not limited to plagiarism, cheating, multiple submissions, or facilitating others' misconduct. Possible sanctions for academic misconduct range from an oral reprimand to expulsion from the university.

### *Disabilities Policy*

Federal law mandates the provision of services at the university-level to qualified students with disabilities. If you have a documented disability for which you are or may be requesting an accommodation(s), you are encouraged to contact the Office of Disability Services as soon as possible.

### *COVID-19 Information*

Face masks will be recommended, but not required, for students, faculty and staff in campus buildings at Montana State University. Face coverings can help slow the spread of the virus that causes COVID-19 via droplets from sneezes, coughs or even talking over distances up to 6 feet. Since people can carry and spread the virus without showing any symptoms of it — or with very mild symptoms — wearing a face covering can help protect those around you and the community at large. Montana State University strongly recommends students, faculty and staff wear face masks in indoor public spaces, in accordance with the Centers for Disease Control recommendations. Montana State University encourages students, faculty and staff to take advantage of

convenient, on-campus clinics for the COVID-19 vaccine. Schedule your appointment by going to: [www.montana.edu/health/coronavirus](http://www.montana.edu/health/coronavirus).

Please evaluate your own health status regularly and refrain from attending class and other on-campus events if you are ill. MSU students who miss class due to illness will be given opportunities to access course materials online. You are encouraged to seek appropriate medical attention for treatment of illness. In the event of contagious illness, please do not come to class or to campus to turn in work. Instead notify me by email about your absence as soon as practical, so that accommodations can be made. Please note that documentation (a Doctor's note) for medical excuses is not required. MSU University Health Partners - as part their commitment to maintain patient confidentiality, to encourage more appropriate use of healthcare resources, and to support meaningful dialogue between instructors and students - does not provide such documentation.