

# STAT 0711: STATISTICAL CONSULTING

Spring 2026

<b>Instructor:</b> Christian Stratton	<b>Time:</b> TR 11:15 – 12:30
<b>Email:</b> <a href="mailto:cstratton@middlebury.edu">cstratton@middlebury.edu</a>	<b>Place:</b> Warner 010
<b>Office:</b> Warner 203	<b>Office hours:</b> TBD Also by appointment

**Course description:** In this course we will work with community partners to solve real-world problems using modern statistical and data science techniques. Students will work in small groups to translate research questions into actionable analysis and visualizations. Students will select a project of interest from a subset of community partners, maintain contact and collaboration with the community partner, and present their findings in a final symposium.

**Correspondence:** My goal is to maximize my availability for help and discussion throughout the semester. Office hours will be determined via poll during the first week of class, but please feel free to contact me via email at anytime. Additionally, I am happy to meet outside of office hours by appointment.

**Meeting format:** We will meet as a group for the first couple of weeks, then transition towards individual scheduled weekly meetings with each group. Please keep our class period free in your schedule for the duration of the semester.

**Use of LLM and generative AI:** Large language models (LLM) and generative AI, such as [ChatGPT](#), are powerful tools enabled by statistics and data science techniques that may be used to enhance your learning of statistics and coding languages. You may use these tools when working on projects this semester, but **you must understand and be able to explain every single piece of code, writing, and statistical modeling that you provide for your collaborators.** The stakes are much, much higher in this class. Inappropriate use of AI in this course will result in failure.

**Course assessment:** Your grade will be determined based on your participation, timely correspondence, effort, and self-evaluation at the end of the semester (though I reserve the right to disagree with your assessment and change the grade). Please feel free to check-in with me on your current grade at any point in the semester.

**Accommodations for disabilities:** Students who have Letters of Accommodation in this class are encouraged to contact me early in the semester to ensure that such accommodations are implemented in a timely fashion. For those without Letters of Accommodation, assistance is available to eligible students through the Disability Resource Center (DRC).

**Disclaimer:** This syllabus is a dynamic document and may change throughout the semester as a result of our conversations and decisions as a class.