



## QUANTITATIVE METHODS IN THE SOCIAL SCIENCES MINOR INFORMATION

**The Quantitative Methods in the Social Sciences (QMSS) program** seeks to unite Michigan's excellence in social science with the current revolution in the data science. The minor in Quantitative Methods in the Social Sciences will train the next generation of social scientists in the methods needed to harness all types of quantitative data in order to generate new insights and solutions to the problems of today and tomorrow.

As a program and minor, QMSS is designed to supplement/complement the analytical training offered in LSA social sciences majors. The minor consists of 17 academic credits, 11 offered within QMSS and 6 from the LSA Social Sciences departments.

### **Prerequisites:**

- No prerequisites required.

### **Requirements for the minor and recommended sequencing for students who take QMSS 251 in WN21 or FA21:**

- QMSS 201: Intro to Quantitative Methods in the Social Sciences (4 credits - fall sophomore year)
- QMSS 251: Computational Social Sciences (4 credits - winter sophomore year)
- Electives (6 credits - junior year): must be social science courses with significant instruction in quantitative methods, quantitative reasoning, experiment design, and/or data analysis. For social science majors, one of these courses will typically be within the student's major. Current list can be found on our website.
- QMSS 451: Senior Capstone: Social Sciences Study Management (3 credits - senior year)
  - All seats in this course are reserved for QMSS minors. Students are required to declare their QMSS minor in order to register for this course.

### **Constraints:**

- For completion of the minor, QMSS 201, 251, and 451 must be taken in residence on the Ann Arbor campus, or at off-campus sites directed by Ann Arbor faculty. This includes STDABRD, Camp Davis, Biological Station, Michigan-in-Washington.
- Transfer credit:
  - To determine if a course is acceptable for transfer credit, first check the UM Transfer Credit Equivalency (TCE) websites to see if the class has already been approved for transfer.
  - If the class does not appear on the TCE list, it must be evaluated by the UM credit evaluators, or by the relevant department.
  - Students are encouraged to have the transfer course evaluated prior to taking it.

**For more information go to: [lsa.umich.edu/qmss](http://lsa.umich.edu/qmss)**

## **Requirements for the minor and recommended sequencing for students who did not take QMSS 251 in WN21 or FA21 and take QMSS 301 in WN22 or later:**

- QMSS 201: Intro to Quantitative Methods in the Social Sciences (4 credits - fall sophomore year)
- QMSS 301: Quantitative Social Science Analysis and Big Data (4 credits - winter sophomore year)
- Electives (6 credits - junior year): must be social science courses with significant instruction in quantitative methods, quantitative reasoning, experiment design, and/or data analysis. For social science majors, one of these courses will typically be within the student's major. Current list can be found on our website.
- QMSS 451: Senior Capstone: Social Sciences Study Management (3 credits - senior year)
  - All seats in this course are reserved for QMSS minors. Students are required to declare their QMSS minor in order to register for this course.

### **Constraints:**

- For completion of the minor, QMSS 201, 301, and 451 must be taken in residence on the Ann Arbor campus, or at off-campus sites directed by Ann Arbor faculty. This includes STDABRD, Camp Davis, Biological Station, Michigan-in-Washington.
- Transfer credit:
  - To determine if a course is acceptable for transfer credit, first check the UM Transfer Credit Equivalency (TCE) websites to see if the class has already been approved for transfer.
  - If the class does not appear on the TCE list, it must be evaluated by the UM credit evaluators, or by the relevant department.
  - Students are encouraged to have the transfer course evaluated prior to taking it.

### **Advising:**

- Advising appointments are available online through the LSA Advising Appointment System.