Curriculum Guide for Transfer Students

The Quantitative Methods in the Social Sciences (QMSS) program is now recruiting students interested in social science questions who want to learn the methods and techniques to solve them.

QMSS students will leave the university with a toolbox of research skills and a portfolio of work that will help them land internships and successfully navigate the job market. Students will master designing and conducting studies, analyzing and reporting on data, and working with a range of software applications.

The minor consists of 17 academic credits, 11 offered within QMSS and 6 from the LSA Social Sciences departments.

Courses include:
QMSS 201: Intro to Quantitative Methods in the Social Sciences (4 credits - fall or winter junior year)

QMSS 301: Quantitative Social Science Analysis and Big Data (4 credits - winter junior year or fall senior year)

Electives (6 credits - junior/senior year): Must be social science courses with significant instruction in quantitative methods, quantitative reasoning, experiment design, and/or data analysis. Current list can be found on our website.

QMSS 451: Senior Capstone: Social Sciences Study Management (3 credits - fall or winter senior year. Must complete QMSS 201 and QMSS 301 and declare minor before enrolling in this course.)

*QMSS 201 will be offered in Fall 2021 on Monday and Wednesday from 10:00 a.m. - 11:30 a.m. with a one hour lab on Friday from 10 :00 a.m. -11:00 a.m. or 11:00 a.m. -12:00 p.m. QMSS 201 and 301 will be offered in Winter 2022. Days and times have not yet been determined. Check out the LSA Course Guide for more information.

QMSS Course Descriptions:

QMSS 201 includes training in descriptive statistics, data collection, data management, and data cleaning. It provides an overview of research design and hands-on experience with using data to ask and answer research questions, and educates students about ethical issues around data, data analysis, and reporting.

QMSS 301 covers methodological approaches to answering social questions that combine theory and skills from social science, social research methodology, statistics and computer science. Topics will include the development of relevant social questions to learning how to identify, capture, manage and analyze big data that can inform those questions.

QMSS 451is a capstone experience where students work as teams on projects addressing social science questions using both consultant and analyst roles. The course includes feedback and support through weekly project management training sessions.

Approved Electives can be found on our website. We accept transfer credits from other institutions. Please submit the course syllabus to qmss.program@umich.edu for review.

For more information go to: *lsa.umich.edu/qmss*

Visit our student-run blog: **https://sites.lsa.umich.edu/qmss/areas-of-interest/**