

QUANTITATIVE METHODOLOGY: MEASUREMENT AND STATISTICS (QMMS)

Graduate Degree Program
College: Education

ABSTRACT

Quantitative Methodology: Measurement and Statistics (QMMS) offers graduate study leading to the Master of Science (M.S.) or Doctor of Philosophy (Ph.D.) degrees for students with strong interests in quantitative research methods and their applications. Students pursuing Doctoral degrees in other programs may enroll in a dual degree program leading to the Master's degree in QMMS, or there is also a 21-credit QMMS certificate program for doctoral students. For select undergraduates, there is also a five-year Bachelor's/Master's program in QMMS.

FINANCIAL ASSISTANCE

Graduate teaching assistantships, research assistantships, and fellowships may be available. The Department can assist students in locating part-time employment opportunities, both on and off campus, although these are not guaranteed.

Students who do not receive a fellowship or assistantship from the Department may contact the Office of Student Financial Aid (<https://financialaid.umd.edu/>) for information about other sources of financial support.

CONTACT

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Website: education.umd.edu/academics/departments/hdqm/qmms
(<https://education.umd.edu/academics/departments/hdqm/qmms/>)

Courses: QMMS (<https://academiccatalog.umd.edu/graduate/courses/qmms/>)

ADMISSIONS

GENERAL REQUIREMENTS

- Statement of Purpose & Personal Experience Questions in the Application System
- Transcript(s)
- TOEFL/IELTS/PTE (international graduate students (<https://gradschool.umd.edu/admissions/english-language-proficiency-requirements/>))

PROGRAM-SPECIFIC REQUIREMENTS

- Letters of Recommendation (3)
- Graduate Record Examination (GRE) is required for doctoral program and optional for masters program
- CV/Resume
- Writing Sample

In addition to Graduate School requirements, admission decisions are based on the quality of previous undergraduate and graduate work, strength of letters of recommendation from persons competent to judge the applicant's likelihood of success in graduate school, scores on the Graduate Record Examination, and the applicant's statement of academic and career objectives in relation to the program of study to be pursued. Students who seek admission should display strong evidence of aptitude and interest in quantitative methods. Programs of study may be designed to meet the individual needs of both full-time and part-time students since many courses are offered in the late afternoon or evening.

APPLICATION DEADLINES*

Type of Applicant	Fall Deadline	Spring Deadline	Summer Deadline
Domestic Applicants			
US Citizens and Permanent Residents	December 3, 2025	September 26, 2025	N/A
International Applicants			
F (student) or J (exchange visitor) visas; A, E, G, H, I and L visas and immigrants	December 3, 2025	September 26, 2025	N/A

*Complete applications may be reviewed prior to the deadline.

RESOURCES AND LINKS:

Program Website: education.umd.edu/quantitative-methodology-measurement-and-statistics-program (<https://education.umd.edu/quantitative-methodology-measurement-and-statistics-program/>)
Application Process: gradschool.umd.edu/admissions/application-process (<https://gradschool.umd.edu/admissions/application-process/>)

REQUIREMENTS

- Quantitative Methodology: Measurement and Statistics, Doctor of Philosophy (Ph.D.) (<https://academiccatalog.umd.edu/graduate/programs/quantitative-methodology-measurement-and-statistics-qmms/quantitative-methodology-measurement-and-statistics-phd/>)
- Quantitative Methodology: Measurement and Statistics, Master of Education (M.Ed.) (<https://academiccatalog.umd.edu/graduate/programs/quantitative-methodology-measurement-and-statistics-qmms/quantitative-methodology-measurement-and-statistics-med/>)
- Quantitative Methodology: Measurement and Statistics, Master of Science (M.S.) (<https://academiccatalog.umd.edu/graduate/programs/quantitative-methodology-measurement-and-statistics-qmms/quantitative-methodology-measurement-and-statistics-ms/>)

FACILITIES AND SPECIAL RESOURCES

The Department maintains computer equipment and a high performance server with up-to-date statistical software packages. Students can also access the campus high performing computer cluster. The faculty are actively engaged in a large variety of basic and applied research projects and students are encouraged to become involved in these activities. The Washington and Baltimore areas have numerous organizations that provide opportunities to become involved in projects that have national importance.