

QUANTITATIVE METHODOLOGY: MEASUREMENT AND STATISTICS (Z019)

Graduate Certificate Program
College: Education

ABSTRACT

The Certificate in Quantitative Methodology: Measurement and Statistics (QMMS) is designed to provide advanced training in quantitative methods for graduate students pursuing other doctoral programs*. The certificate requires a minimum of 21 QMMS graduate credit hours including required courses QMMS623, QMMS646, QMMS651, and QMMS647. In addition, an advisor must be selected from members of the Quantitative Methodology: Measurement and Statistics faculty.

***To enroll in this Certificate program you must currently be a doctoral student in a University of Maryland program other than QMMS.**

CONTACT

Department of Human Development and Quantitative Methodology

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Website: education.umd.edu/academics/programs/certificates/quantitative-methodology-measurement-and-statistics-pbc (<https://education.umd.edu/academics/programs/certificates/quantitative-methodology-measurement-and-statistics-pbc/>)

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

ADMISSIONS

***To enroll in this Certificate program you must currently be a doctoral student in a University of Maryland program other than QMMS.**

REQUIREMENTS

- Quantitative Methodology: Measurement and Statistics, Post-Baccalaureate Certificate (P.B.C.) (<https://academiccatalog.umd.edu/graduate/programs/quantitative-methodology-measurement-and-statistics-z019/quantitative-methodology-measurement-and-statistics-pbc/>)

FACULTY

Last Name	First/Middle Name	Graduate Faculty Status	Academic Credentials	Positions
Hancock	Gregory R.	Full Member	B.S., University of Washington, 1986; B.S., 1986; Secondary Teaching Certificate, 1987; M.Ed., 1989; Ph.D., 1991.	Professor, Measurement, Statistics and Evaluation
Harring	Jeffrey R.	Full Member	B.A., Macalester College, 1986; M.S., University of Minnesota-Twin Cities, 2004; Ph.D., University of Minnesota-Twin Cities, 2005.	Professor, Measurement, Statistics and Evaluation
Jiao	Hong	Full Member	B.S., Shanghai Jiaotong University, 1989; M.A., Shanghai Jiaotong University, 1992; Ph.D., Florida State University, 2003.	Professor, Measurement, Statistics and Evaluation
Lissitz	Robert W.	Full Member	B.A., Northwestern University, 1963; Ph.D., Syracuse University, 1969.	Professor Emeritus, Measurement, Statistics and Evaluation Affiliate Professor, Second Language Acquisition

Liu	Yang	Full Member	B.S. Psychology, Peking University; M.A. Psychology, University of North Carolina, Chapel Hill; M.S. Statistics, University of North Carolina, Chapel Hill; Ph.D. Psychology, University of North Carolina, Chapel Hill	Associate Professor, Measurement, Statistics and Evaluation	Sweet	Tracy Morrison	Full Member	B.S. Biology, Bucknell University, May 2000; M.A. Mathematics, Morgan State University, December 2007; M.S. Statistics, Carnegie Mellon University, May 2008; Ph.D. Statistics, Carnegie Mellon University, July 2012.	Associate Professor, Measurement, Statistics and Evaluation
Stapleton	Laura	Full Member	B.A., University of Michigan, 1988; M.Ed., George Mason University, 1992; Ph.D., University of Maryland - College Park, 2001.	Professor, Measurement, Statistics and Evaluation	Yang	Ji Seung	Full Member	B.A., Yonsei University, Seoul, Korea, 2005; M.A., Yonsei University, Seoul, Korea, 2007; Ph.D., University of California, Los Angeles, Department of Education, Graduate School of Education and Information Studies, 2012.	Associate Professor, Measurement, Statistics and Evaluation
Steiner	Peter	Full Member	M.Sc. Economics, University of Vienna; M.Sc. Statistics, University of Vienna; Ph.D. Statistics, University of Vienna	Professor, Measurement, Statistics and Evaluation					

FACILITIES AND SPECIAL RESOURCES

The Department maintains computer equipment and a high performance server with up-to-date statistical software packages. 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.