

## Graduate Certificate in Quantitative Research in Education

### **Catalogue Copy**

A Graduate Certificate in Quantitative Research in Education is available from the College of Education to eligible students enrolled in a doctoral program at Georgia State University. To earn the certificate, students must complete a minimum of seven 3-credit-hour doctoral-level quantitative research methods courses with a collective GPA of 3.5 or higher in those courses, with no grade lower than a B in any course to be counted toward the certificate.

Four of the seven courses must be the following:

EPRS 8530 Quantitative Methods and Analysis in Education I (3),  
EPRS 8540 Quantitative Methods and Analysis in Education II (3),  
EPRS 8550 Quantitative Methods and Analysis in Education III (3), and  
EPSF 9260 Epistemology of Learning (3).

The remaining three courses must be doctoral-level quantitative method courses, bearing a call number of 8000 or higher, from the approved list of certificate courses. The list is updated yearly and available in the Department of Educational Policy Studies. A current list of these courses is provided below:

EPRS 8650 Categorical Data Analysis  
EPRS 8830 Survey Research, Sampling Principles, and Questionnaire Design  
EPRS 8840 Meta-Analysis  
EPRS 8920 Educational Measurement  
PSYC 8430 Psychological Research Statistics III  
EPRS 9350 Introduction to Item Response Theory  
EPRS 9360 Advanced Item Response Theory  
EPRS 9600 Advanced Computer Methods in Educational Research  
EPRS 9550 Multivariate Analysis  
EPRS 9560 Structural Equation Modeling  
EPRS 9570 Hierarchical Linear Modeling I  
EPRS 9571 Hierarchical Linear Modeling II  
EPRS 9990 Advanced Research

In addition, students must successfully defend a quantitative or multi-methods research dissertation. Although a faculty member from the Research, Measurement and Statistics (RMS) program of the Department of Educational Policy Studies need not be on the student's dissertation committee, the prospectus for the dissertation must be endorsed by an appropriate member of the RMS faculty, as determined by the RMS Coordinator.

### Eligibility

In order to be eligible to earn the certificate, students must:

- be enrolled in a doctoral program at Georgia State University

- have completed at least three courses from the College of Education Doctoral Research Core, with a collective GPA in those courses of 3.5 or higher
- submit the proper form to the Department of Educational Policy Studies officially indicating an intention to work toward earning the certificate (the form is available from the Department of Educational Policy Studies or from the Office of Academic Assistance)

Applicants may obtain more information about the RMS Program or the Graduate Certificate in Quantitative Research in Education by contacting:

RMS Coordinator  
Department of Educational Policy Studies  
Georgia State University  
30 Pryor Street  
Atlanta, GA 30302-3977  
Phone: 404-651-2582  
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