

QUANTITATIVE RESEARCH, GRADUATE CERTIFICATE

The Graduate Certificate in Quantitative Educational Research places an emphasis on acquiring the skills necessary not only to complete statistical calculations, but to know how and when to apply and use appropriate calculations. This 15 credit-hour certificate prepares students from various disciplines to conduct research that documents the effects of educational programs. The courses required for the completion of this certificate are advanced educational research/statistics courses. Students will gain significant and valuable knowledge and skills beyond what is required for typical degree requirements. Although this certificate is housed in the College of Education, students from all disciplines are welcome to apply.

The primary mission of the Educational Research Program aims to offer a quality graduate program that prepares scholars to critically engage with educational research and evaluation, to develop appropriate and innovative research design, and to contribute conceptually sound analyses to the research problems of the field.

Requirements for the Graduate School (Degree Requirements) and the College of Education (Master's, Professional Certification, EdS, Doctoral) are detailed in earlier sections of this catalog. For specific program requirements visit the College of Education Programs website or for a student handbook and additional information, email or call: Chairperson, School Psychology, The University of Alabama, College of Education, Box 870231, Tuscaloosa, AL 35487-0231; phone 205-348-7575; fax 205-348-0683; program office, 306 Carmichael Hall.

NOTE: This certificate is not a credential for teacher certification/licensure.

Graduate Certificate in Quantitative Research

How to Apply:

1. Apply through the Graduate School's online application center.
2. Select the Quantitative Educational Research Certificate Program when applying.

Application Materials include:

1. Statement of Purpose focusing on the student's goals in pursuing a Quantitative Research certificate;
2. Evidence of prerequisite research/statistics courses comparable to BER 540 Statistical Methods In Educ, must have achieved a grade of B or better in prerequisite research courses

See the Admission Criteria section of this catalog for more information.

Degree Requirements

General Requirements:

- Student must be accepted to the Quantitative Research non-degree certificate program by the Graduate School and departmental faculty.
- Student must have a minimum of 15 required hours.
- Certificate completion will be monitored by certificate program administrators.

Code and Title	Hours
Course Requirements	
BER 640 or BER 639	Quantitative II Applied Regression Analysis
BER 657	Psychometric Theory
Select THREE of the following:	9
BER 642	Advanced Regression Methods

BER 643	Multivariate Statistics
BER 645	Advanced Experimental Design
BER 646	Structural Equation Modl
BER 658	Psychometric Theory Prac
BER 663	Casual Inference
BER 664	Multi-Level Modeling
BER 695	Spec Top in Ed Research *

Total Hours 15

Footnotes

- * BER 695 must cover quantitative research methods and be approved by quantitative research faculty.

Certificate Completion Requirements: All courses listed above

Time Limit: 6 Years.