QUANTITATIVE RESEARCH CERTIFICATE

The Graduate Certificate in Quantitative Educational Research places an emphasis on acquiring the skills necessary not only to complete statistical calculations but to also 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 is 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 the Educational Studies department office whose staff can direct you to the certificate coordinator(s).

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

Admissions

In addition to the minimum Graduate School admission requirements, to be considered for regular admission an application must 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

Certificate completion will be monitored by certificate program administrators.

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

Curricular Requirements

Code and Title		Hours
Course Requirements		
BER 640 or	Adv Statistical Methods in Ed	3
BER 639	Applied Regression Analysis	
BER 657	Psychometric Theory	3
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	Multilevel & Longitudinal Mod	
BER 695	Spec Top in Ed Research *	
Total Hours		**15**

Footnotes

* BER 695 Spec Top in Ed Research must cover quantitative research methods and be approved by quantitative research faculty.

Certificate Completion Requirements: All courses listed above

Transfer Credit

Graduate School information on Transfer Credit.

Time Limit for Certificate Completion Requirements

Coursework must be completed within six (6) years.

Graduate School information on Time Limits.

Academic Misconduct Information

Graduate School information on Academic Misconduct.

Withdrawals and Leave of Absence Information

Graduate School information on Withdrawals and Leave of Absence.

Academic Grievances Information

Graduate School information on Academic Grievances.

Grades and Academic Standing

Graduate School information on Grades and Academic Standing.