

APPLIED RESEARCH, STATISTICS AND MEASUREMENT

CERTIFICATE

DEPARTMENT OF CURRICULUM, INSTRUCTION & EDUCATIONAL LEADERSHIP
COLLEGE OF EDUCATION

DELIVERY METHOD

100% online

START TERMS

Fall, Spring, or Summer

COMPLETION TIME

Minimum of one year
(based on course rotation)

NUMBER OF CREDITS

12 credits

Candidates in the program
will have the opportunity
to:

- Develop fundamental research methodologies
- Apply these methodologies to research activities
- Collect and analyze data
- Generalize findings of research

The certificate can be
completed as a stand-alone
program or in conjunction
with a graduate degree, e.g.,
MEd or EdD.

PROGRAM DESCRIPTION

Are you interested in becoming more effective and efficient in data-analysis and decision making? In the field of education and in the public sector, to make strategic decisions, individuals are required to have the knowledge and ability to research, analyze, and interpret data. Slippery Rock University's Applied Research, Statistics, and Measurement, Certificate will help you with this process. The program is designed to give you the necessary preparation skills to apply statistics to analyze, interpret, assess, and evaluate data.

As a student in SRU's Applied Research, Statistics, and Measurement, certificate program, it will help to improve your understanding of data-driven decision methods and you will become familiar with contemporary tools for data-analysis, e.g., SPSS and other software options.

PROGRAM HIGHLIGHTS

SRU's Applied Research, Statistics, and Measurement, Certificate offers:

- 100% online coursework
- A thorough understanding of data-driven analysis and decision making
- Knowledge and skills as a researcher to effectively lead the application of research, statistics, and measurement in your workplace
- Classes taught by faculty with an expertise in the field of research, statistics, and measurement

CURRICULUM GUIDE

Core Courses

SEFE 602	Univariate Statistical Methods*	3
SEFE 603	Multivariate Statistical Methods	3

Elective Courses

SEFE 608	Research Methods for Teacher	6
SEFE 699	Elements of Quantitative Educational Research	
SEFE 671	Measurement, Testing, and Assessment	
Total Hours		12

*SEFE 602 is a prerequisite for all the courses listed above (if SEFE 602 is not available to take, then take SEFE 671 first).

ADMISSION REQUIREMENTS

All applicants must submit the following materials along with a completed online graduate application and non-refundable application fee:

1. Official undergraduate degree transcript(s) and any graduate transcripts
2. A minimum of a 2.75 cumulative GPA in an undergraduate major

TUITION

Information on current tuition can be found on the main Graduate Admissions website at www.sru.edu/graduate. Financial Aid is not available for this program.

The educational policies and procedures are continually being reviewed and changed in keeping with the mission of the university. Consequently, this document cannot be considered binding and is intended to be used as only an informational guide. Students are responsible for being informed of official policies and regulations for meeting all appropriate requirements.

FOR QUESTIONS ABOUT ACADEMICS AND COURSE SCHEDULING:

Dr. Edwin Christmann
Graduate Coordinator
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FOR QUESTIONS ABOUT ADMISSIONS:

Office of Graduate Admissions
104 North Hall, Welcome Center
Slippery Rock, PA 16057
724.738.2051 or 877.SRU.GRAD
graduate.admissions@sru.edu
www.sru.edu/graduate

SlipperyRock
University

A member of Pennsylvania's State System of Higher Education

EXPERIENCE THE DIFFERENCE

www.sru.edu/graduate