DATA SCIENCE

CERTIFICATE
DEPARTMENT OF COMPUTING AND SECURITY
COLLEGE OF ENGINEERING AND SCIENCE

DELIVERY METHOD
100% online

START TERMS
Fall, Spring, or Summer

COMPLETION TIME
Complete in 8-12 months depending on start term

NUMBER OF CREDITS
9 credits

Explore the essentials of data science in our 9-credits certificate program, focusing on data mining, analysis, visualization, and database systems.

Gain practical skills for leveraging data effectively.

ABOUT THE PROGRAM

The data science certificate will provide students with the opportunity to learn the necessary skills to become a data scientist. After completing the certificate, students will be able to use modern modeling techniques and design principles to work with database applications of moderate complexity and analyze/visualize big datasets.

The certificate would help meet the growing demand for data science professionals. In addition, the certificate encourages students interested in earning a Master of Science in Health Informatics degree since the certificate's 9 credits will be transferred to the master's program.

CERTIFICATE HIGHLIGHTS

SRU's Data Science Certificate offers:
- 100% Online and can be completed in 8-12 months depending on start term
- A 9-credit program
- Expert faculty with earned doctorates

CURRICULUM GUIDE

CPSC 605	Data Mining and Data Analysis	3
CPSC 606	Data Visualization	3
CPSC 623	Database Systems, Modeling and Security	3
Total Hours		9

ADMISSION REQUIREMENTS

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

1. Bachelor's degree with a GPA of 3.00 or higher in technology, nursing, or health-related major (students with a GPA below 3.00 may apply for conditional admission).
2. Official undergraduate degree transcript(s) and any graduate transcripts.

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.

SlipperyRock University

A member of Pennsylvania's State System of Higher Education

EXPERIENCE THE DIFFERENCE
www.sru.edu/graduate