

DATA SCIENCE

CERTIFICATE DEPARTMENT OF COMPUTER SCIENCE COLLEGE OF ENGINEERING AND SCIENCE



DELIVERY METHOD

100% online

START TERMS

Fall A, Fall B, Spring A, Spring B,
Summer A, Summer B

COMPLETION TIME

Complete in 4-8 months
depending on start term

NUMBER OF CREDITS

9 credits



ABOUT THE PROGRAM

The data science certificate will provide students 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 4-8 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

IMPORTANT CURRICULUM GUIDE NOTES

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.

PASSHE - Pennsylvania State System of Higher Education Institutions

Major Code: 9DAS

UCC: 03.30.2021

Revised 07.30.2021

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.

FOR QUESTIONS ABOUT ACADEMICS AND COURSE SCHEDULING:

Dr. Abdullah Wahbeh

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

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University

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EXPERIENCE THE DIFFERENCE

www.sru.edu/graduate