

# FOUNDATIONS OF DATA SCIENCE GRADUATE CREDIT CERTIFICATE PROGRAM

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<b>Person-in-Charge</b>	Raghu Sangwan
<b>Program Code</b>	MDAFDS
<b>Campus(es)</b>	Great Valley World Campus

The Graduate Certificate in Foundations of Data Analytics is a program for students who aim to pursue a career as a Data Scientist or as a Data Analyst and be responsible for creating solutions and strategies for complex problems, applying algorithmic methods to discover patterns in data, create comprehensive analytical solutions for business problems, analyze large amounts of data, create analytics solutions for business problems, and use of data to predict future trends and events. Students develop knowledge and skills relevant to machine learning, deep learning, statistical analysis and computing, and processing large amounts of data. A certificate will be awarded upon completion of the courses.

Courses taken in the certificate program may be applied toward a master's degree in Data Analytics, subject to restrictions outlined in GCAC-309 Transfer Credit (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-300/gcac-309-transfer-credit/>). Certificate students who wish to have certificate courses applied towards a graduate degree must apply and be admitted to that degree program. Admission to the graduate degree program is a separate step and is not guaranteed.

**Effective Semester:** Spring 2024

**Expiration Semester:** Spring 2029