

# DUAL MASTER OF SCIENCE IN THE FIELD OF DATA SCIENCE AND GRADUATE CERTIFICATE IN GEOGRAPHIC INFORMATION SYSTEMS

The Data Science Program and the Department of Geography (<https://geography.columbian.gwu.edu/>) work in conjunction to offer a dual master of science in data science and graduate certificate in geographical information systems (GIS). The graduate certificate program helps students acquire the knowledge and skills to move directly from the classroom into the workplace as environmental scientists, civil engineers and public health officials in the public and private sectors. The curriculum guides students through all aspects of GIS theory and practice, from the science of cartography to database design and geospatial modeling. All requirements for both programs must be fulfilled.

## **Credit sharing**

6 credits (two courses) taken to meet graduate certificate requirements may be counted toward the elective requirement for the MS degree.

Visit the Department of Data Science website (<https://datasci.columbian.gwu.edu/>) for additional information.