

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

The Department of Data Science and Department of Geography and Environment work in cooperation to offer a dual master of science in data science (<http://bulletin.gwu.edu/arts-sciences/data-science/ms/>) and graduate certificate in geographical information systems (<http://bulletin.gwu.edu/arts-sciences/geography/certificate-geographical-information-systems/>) (GIS) program. 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 (6 credits) taken to meet requirements for the graduate certificate can 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.