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.