Data science, and the associated areas referred to as big data and data analytics, is a rapidly emerging technology field fueled by the dramatic growth in the amount of data being produced in most areas of society. Pursuing a bachelor of science degree from an approved CCAS department and a master of science in data science degree allows students to study fundamental ideas that underlie the process of using data for problem solving and to apply the knowledge they gain to real-world scenarios. This is accomplished through elective coursework and partnerships with organizations in a variety of market areas, including health sciences, geography, cybersecurity, and public policy, to name a few.

Students in the dual program must complete all requirements for both degrees. Undergraduate students take up to 7.5 graduate credits as part of their degree program, thereby decreasing the number of credits normally required for the master’s degree.

Contact the data science program (https://datasci.columbian.gwu.edu) for more details.