

DATA SCIENCE FOR CYBERSECURITY (ADV CERT)

Overview

Well-trained cybersecurity professionals are needed to secure our information systems and national infrastructure. However, in order to respond to increasingly sophisticated and varied attacks, these professionals should not only be familiar with traditional cybersecurity methods but should also be adept at accessing, manipulating, and analyzing the enormous amounts of data generated by modern computing systems. The Advanced Certificate in Data Science for Cybersecurity helps to meet this need by ensuring that those entering into the field, as well as cybersecurity professionals, establish a solid background in data science and have experience in applying data science methods to cybersecurity problems.

Two courses taken toward the certificate may double count with any of the existing master's and doctoral degree programs in computer and information science (M.S. in Cybersecurity, M.S. in Data Science, M.S. in Computer Science, and Ph.D. in Computer Science).