Master of Science in Data Science

Admission Requirements

1. Bachelor's degree.
2. Overall undergraduate GPA of at least 3.0.
3. Satisfy the School of Graduate Studies' English Language Proficiency requirements as published in the graduate catalog.
4. International applicants who have received their bachelor's or master's degree in the United States or English-speaking Canada are not required to submit the TOEFL or IELTS.
5. Satisfy all admission requirements of the School of Graduate Studies

Degree Requirements

Students seeking the Master of Science degree in Data Science must satisfy all general requirements set forth by the School of Graduate Studies as well as particular requirements set forth by the School of Electrical Engineering and Computer Science. To obtain the MS in Data Science, students must complete 36 credit hours in the following courses

Required Courses - 36 credits:

Code	Title	Credits
EECS 501	Computing Foundations I	3
EECS 502	Computing Foundations II	3
EECS 503	Mathematics for Computing	3
DATA 520	Databases	3
DATA 525	Data Engineering and Mining	3
DATA 527	Predictive Modeling	3
DATA 530	Artificial Intelligence	3
DATA 532	Applied Machine Learning	3
DATA 540	Data Visualization	3
DATA 550	Data Security	3
PHIL 575	Data Science Ethics	3
or DATA 589	Data Science Ethics	
DATA 994	Data Science Capstone	3

Students with an established background in programming and/or mathematics may petition to skip one or more of EECS 501, EECS 502, or EECS 503, depending on background knowledge. Such students may substitute any course with prefix EE, CSCI, or EECS that is eligible for graduate credit.