

Certificate of Advanced Study: Data Science **2018- 2019 Advising Check Sheet**

The 15-credit Data Science curriculum includes a 6-credit primary core requirement and 9-credits of elective courses.

The CAS in Data Science at the iSchool was the first New York State-approved certificate of its kind, and prepares students to work with large amounts of data using information technologies as tools to gain knowledge and insight. The curriculum can be tailored to fit your education or career goals and offers several focus areas.

Required Courses: 6 credits

Course #	Course Title	Completed
IST 659	Data Administration Concepts and Database Management	
IST 687	Introduction to Data Science	

Elective Courses: 9 credits

Course #	Course Title	Completed
IST 558	Technologies for Web Content Management	
IST 639	Enterprise Technologies	
IST 645	Managing Information Systems Projects	
IST 654	Information Systems Analysis	
IST 664	Natural Language Processing	
IST 676	Foundations of Digital Data	
IST 681	Metadata	
IST 707	Data Analytics	
IST 718	Big Data Analytics	
IST 719	Information Visualization	
IST 722	Data Warehouse	
IST 736	Text Mining	
IST 769	Advanced Data Administration Concepts and Database Management	
IST 776	Research Methods in Information Science and Technology	
IST 777	Statistical Methods in Information Science and Technology	