

Certificate of Advanced Study: Information Technology Management **2021- 2022 Advising Check Sheet**

The 15-credit standalone CAS in Information Technology Management (ITM) includes a 3-credit primary core requirement and 12 credits of electives. This CAS offers students with a broad range of disciplinary backgrounds, a flexible way to gain foundational skills in information technology management and qualify for a possible subsequent entry into an iSchool Master’s program. This CAS allows students to expand their career options and gain a competitive advantage as they pursue career opportunities in business, government, or not-for-profit organizations.

Primary Core: 3 credits

Students wanting a general preparation in both information management and technology may wish to take all three introductory courses, substituting for an elective below.

Course #	Course Title	Completed
IST 621	Information Management and Technology* <u>or</u>	
IST 659	Database Administration Concepts & Database Management* <u>or</u>	
IST 687	Introduction to Data Science*	

Electives: 12 credits

Course #	Course Title	Completed
IST 614	Management Principles for Information Professionals*	
IST 615	Cloud Management*	
IST 618	Information Policy*	
IST 619	Economics of Digital Transformation	
IST 623	Introduction to Information Security*	
IST 625	Enterprise Risk Management*	
IST 645	Managing Information Systems Projects*	
IST 649	Human Interaction with Computers	
IST 652	Scripting for Data Analysis*	
IST 654	Information Systems Analysis*	
IST 719	Information Visualization*	

Earn an iSchool Master’s Degree

While the CAS in Information Technology Management is a standalone program, credits earned in the CAS can be used toward a master’s degree in certain target degrees. You can incorporate CAS classes into select Syracuse University master’s curriculums, which means you can graduate with a certified and highly marketable skill set without taking extra classes.

Targeted Degrees

- Applied Data Science, M.S.
- Information Systems, MS

**classes are also available as online classes in the quarter terms calendar, offered in partnership with 2SU. There are restrictions on these courses for specific groups of students so please reach out to your advisor for more information.*