

## ***Certificate of Advanced Study: Enterprise Technology Leadership*** **2021-2022 Advising Check Sheet**

The 15-credit CAS in Enterprise Technology Leadership (ETL) is an interdisciplinary program designed by the School of Information Studies (iSchool) and the Whitman School of Management to fit the needs of working professionals in a variety of fields who are working toward or aspire to be in technology leadership roles. The CAS is also designed to assist companies in cultivating technology leadership within their organization. The curriculum includes a primary core which exposes students to the two schools with two required courses (6 credits), and students choose three additional electives (9 credits), from one of the listed disciplinary areas that most aligns with their professional and academic interests. All credits earned are transferrable into a full-degree Master's program in each of the schools.

### **Primary Core: 6 credits**

All students must take MBC 639 or MBC 645, and IST 645 or IST 687

Class #	Course Title	Completed
MBC 639	Leadership in Organizations* (Whitman) OR	
MBC 645	Strategic Management* AND	
IST 645	Managing Information Systems Projects* (iSchool) OR	
IST 687	Introduction to Data Science*	

### **Secondary Focus Areas: 9 credits**

Students must choose three electives from one of the listed disciplinary areas below.

#### **School of Information Studies**

##### ***Electives from the disciplinary area of Applied Data Science***

Class #	Course Title	Completed
IST 623	Introduction to Information Security*	
IST 659	Data Administration Concepts and Database Management*	
IST 707	Applied Machine Learning*	
IST 718	Big Data Analytics*	

##### ***Electives from the disciplinary area of Enterprise Data Systems***

Class #	Course Title	Completed
IST 608	Blockchain Management*	
IST 615	Cloud Management*	
IST 651	Scripting Foundations for Enterprise Data Systems	
IST 658	Advanced Enterprise Network Management	

##### ***Electives from the disciplinary area of Information Management***

Class #	Course Title	Completed
IST 625	Enterprise Risk Management*	
IST 654	Information Systems Analysis*	
IST 659	Data Administration Concepts and Database Management*	
IST 726	Enterprise Architecture	

## Whitman School of Management

### Electives from the disciplinary area of Management in Business Administration

Class #	Course Title	Completed
ISM 615	Micro Economics	
MBC 631	Financial Accounting	
MBC 632	Managerial Accounting	
MBC 634	Introduction to Information Technology and E-Commerce	
MBC 635	Operations & Supply Chain Management	
MBC 636	Marketing Management	
MBC 638	Data Analysis & Decision Making	
MBC 645	Strategic Management ( <i>may not be counted as an elective if taken as part of the primary core</i> )	
SCM 755	Lean Six Sigma	

### Earn Credit towards a Master's Degree

While the CAS in Enterprise Technology Leadership is primarily 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

- Business Administration, MBA
- Applied Data Science, M.S.
- Enterprise Data Systems, MS
- Information Management, 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. Students looking to take online classes through Whitman should consult with an advisor at Whitman to see what is available.*