

Courses eligible to double count for both Information Sciences & Technology BS/Informatics MS

- GR courses (IST 504 required) used as a UG support of option area
- UG courses used as graduate specialization course requirement.

Course	Title	Credits
IST 411	Distributed-Object Computing	3.0
IST 412	The Engineering of Complex Software Systems	3.0
IST 413	Usability Engineering	3.0
IST 420	Fundamentals of Systems and Enterprise Integration	3.0
IST 421	Advanced Enterprise Integration: Technologies and Applications	3.0
IST 431	The Information Environment	3.0
IST 432	Legal and Regulatory Environment of Information Science and Technology	3.0
IST 505	Foundations of Research Design in Information Sciences and Technology	3.0

****Culminating Experience – Thesis or Scholarly paper**

Students may choose a thesis or scholarly paper to fulfill the culminating experience.

Thesis

Students who choose the thesis option must register for 6 credits of IST 600 or IST 610, write a satisfactory thesis accepted by the master's committee, the head of the graduate program, and the Graduate School, and pass a thesis defense. Selecting the thesis option may require more than 1-year to complete. We recommend you take IST 505 if you choose the thesis option, it can be applied as an elective.

Scholarly Paper

Students who choose the scholarly paper option must register for at least 3 credits of IST 594 and complete the scholarly paper. The scholarly paper will be a focused piece of technical work that applies the student's expertise and knowledge base, and that is documented and presented as a scholarly paper report.

Note: Students who choose the thesis or scholarly paper have the option to work on their research project in more than one semester.