

# Information Systems

## System & Network Administration Specialization

### Checklist - Fall 2023

Each course in the specialization cannot also be used to satisfy a requirement in the ISE Major.

Course	Grade	Semester
1. ISE311 (System Administration)		
2. ISE321 (Network Administration)		
3. ISE331 (Computer Security) <sup>1</sup> or CSE331 (Computer Security Fundamentals)		
4. ISE337 (Scripting Languages) <sup>2</sup> or CSE337 (Scripting Languages)		
5. ISE488 (Internship) <sup>3</sup> or ISE487 (Research in Information Systems)		
6. ESE442 (Recent Advances in Communications and Networks) or CSE370 (Wireless and Mobile Networking) or EST393 (Project Management) or BUS393 (Principles of Project Management) or BUS346 (Management and Operations) or AMS341 (Operations Research I)		

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<sup>1</sup> Also eligible when offered as ISE391 (spring 2013)

<sup>2</sup> Also eligible when offered as CSE390/ISE390 (fall 2011)

<sup>3</sup> Cannot also be used as an ISE upper division elective unless the two completions of ISE488 involved work at different organizations.