Information Systems
Graduation Requirements Checklist – Fall 2014

All courses taken to satisfy the Information Systems major requirements must be taken for a letter grade and completed with a grade of C or higher. Students may not elect the P/NC option for any of the courses in the major.

Information Systems Courses[1]				
Number	**Title**	**Prereq.**	**Grade**	**Semester**
CSE114	Computer Science I	ISE108 or CSE110 (Advisory)		
CSE214	Computer Science II	CSE114		
ISE218	Fundamentals of Information Technology			
ISE300	or EST304 (Technical Communications)	WRT102		
ISE312	Legal, Social, and Ethical Issues in Information Systems			
ISE305	Database Design and Practice	ISE208		
CSE310	or ISE316 (Introduction to Networking)	ISE214 0r ISE208		
ISE320	Information Management			
ISE____	4 upper division ISE or CSE courses[2]			
ISE____				
ISE____				
ISE____				
Mathematics Courses				
Number	**Title**	**Prereq.**	**Grade**	**Semester**
AMS151	or MAT131 or MAT141 or MAT125/126			
AMS161	or CSE215 or AMS103 or MAT118			
AMS210	or MAT211			
AMS310	or ECO320			
Specialization				
Students must complete a specialization in one of the defined application areas (Business & Economics, Technological Systems Management, or System & Network Administration), or else design a specialization of six to eight courses in another application area in consultation with the ISE Undergraduate Director before the courses for the specialization are completed.				

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[1] At least two courses from among ISE312, ISE305, ISE308, ISE218, and ISE320 must be completed at SBU.
[2] ISE 475 may be considered among the ISE upper-division electives, but may only be counted once towards the ISE upper-division elective requirement.