

## SIS Undergraduate Courses: Five-Year Schedule

This 5-year schedule is to assist students and academic advisors with long-term course planning. *It is subject to changes due to enrollment, instructor availability, catalog revisions, demand or other factors.*

**Please Note:** While only two summer courses are listed to this rotation (INSC 493 and INSC 499), other courses may be scheduled for the summer. Decisions are made about four months before the start of the summer term. Additionally, the University launched a Winter Mini Term on a three-year trial basis in January 2022. While courses may be scheduled during the Winter Mini Term, this term is not included in this Five-Year Schedule. Be aware: INSC 493 and INSC 499 cannot be taken during Winter Mini Term.

**TABLE 1: INSC 100-400 LEVEL COURSES**

INSC Course #	Title	Fa 21	Sp 22	Su 22	Fa 22	Sp 23	Su 23	Fa 23	Sp 24	Su 24	Fa 24	Sp 25	Su 25	Fa 25	Sp 26	Su 26
102	<b>Introduction to Computers</b> 3 credit hours	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
201	<b>Foundations of Information Sciences</b> 3 credit hours	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
210	<b>Foundations of Information Technology</b> 3 credit hours	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
220	<b>Information Search</b> 3 credit hours <i>Course added to Catalog Fall 2021</i>	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
295	<b>Special Topics</b> 1-3 credit hours <i>Course added to Catalog Fall 2022</i>		✓			✓			✓			✓			✓	
305	<b>Internet and Society</b> 3 credit hours	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
311	<b>User-Centered Design</b> 3 credit hours	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
360	<b>Programming for Information Applications</b> 3 credit hours Pre-Req: INSC 210		✓		✓	✓		✓	✓		✓	✓		✓	✓	
380	<b>Information Management in Organizations</b> 3 credit hours	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
384	<b>Database Design</b> 3 credit hours		✓		✓	✓		✓	✓		✓	✓		✓	✓	

INSC Course #	Title	Fa 21	Sp 22	Su 22	Fa 22	Sp 23	Su 23	Fa 23	Sp 24	Su 24	Fa 24	Sp 25	Su 25	Fa 25	Sp 26	Su 26
395	<b>Special Topics</b> 1-3 credit hours <i>Course added to Catalog Fall 2022</i>				✓			✓			✓			✓		
430	<b>Foundations of User Experience</b> 3 credit hours Pre-Req: INSC 311		✓		✓	✓		✓	✓		✓	✓		✓	✓	
435	<b>Usability Testing and Methods</b> 3 credit hours Pre-Req: INSC 430	✓			✓			✓			✓			✓		
436	<b>Analytics and Metrics for User Experience</b> 3 credit hours Pre-Req: INSC 430	✓			✓			✓			✓			✓		
439	<b>Interfaces and Interactions Design</b> 3 credit hours Pre-Req: INSC 430		✓			✓			✓			✓		✓		
484	<b>Database Applications</b> 3 credit hours Pre-Req: INSC 360 & 384	✓			✓			✓			✓			✓		
486	<b>Data Analytics</b> 3 credit hours Pre-Req: INSC 360	✓			✓			✓			✓			✓		
489	<b>Information Visualization</b> 3 credit hours Pre-Req: INSC 360		✓			✓			✓			✓			✓	
493	<b>Independent Project or Research</b> 3 credit hours Consent of Instructor. <i>May be used for Capstone requirement.</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
495	<b>Special Topics</b> 3 credit hours <i>May be used for Capstone requirement.</i>		✓		✓	✓		✓	✓		✓	✓		✓	✓	
499	<b>Professional Experience</b> 3 credit hours IS Majors only. Minimum class level: Junior. Approval of Practicum Coordinator. <i>May be used for Capstone requirement.</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

**TABLE 2: OTHER COURSES THAT MAY BE APPLIED TO DEGREE REQUIREMENTS**

Other Courses	Title	Fa 21	Sp 22	Su 22	Fa 22	Sp 23	Su 23	Fa 23	Sp 24	Su 24	Fa 24	Sp 25	Su 25	Fa 25	Sp 26
DATA 301	<b>Data Stewardship and Ethics</b> 3 credit hours <i>Course added to Catalog Fall 2021 for inter-disciplinary Data Science Major/Minor; taught by SIS faculty.</i>				✓	✓		✓	✓	✓					
JREM 450 INSC 450	<b>Writing about Science and Medicine</b> 3 credit hours <i>Cross-listed course; taught by JREM faculty.</i>	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓