

(B.S.) INFORMATION SYSTEMS AND TECHNOLOGY COMPUTER INFORMATION SYSTEMS OPTION 1-Year Road Map

Fall	Winter	Spring
<input type="checkbox"/> IST 309	<input type="checkbox"/> IST 372	<input type="checkbox"/> SCM 515
<input type="checkbox"/> MGMT 306	<input type="checkbox"/> IST 474	<input type="checkbox"/> IST Option
<input type="checkbox"/> MGMT 302	<input type="checkbox"/> IST Option	<input type="checkbox"/> IST 475
<input type="checkbox"/> UD GE Capstone	<input type="checkbox"/> UD GE Capstone	<input type="checkbox"/> UD GE Capstone

Upper-Division Major Core and Concentration Courses: Fall Course Recommendations Highlighted

Upper Division Courses		
___	IST 309	Information Systems and Technology (Prereq: IST 101)
___	IST 372	Information Technology (Prereq: IST 309)
___	IST 474	Advc Data Base Mngmt & Info Assurance (Prereq: IST 274, 309)
___	IST 475	Advc Info Networking & Security (Prereq: IST 275 & IST 309)
___	MGMT 302	Management & Organizational Behavior
___	SCM 515	Project Management
___	IST 490	Info Systems Planning & Policy (Prereq: Completion of all other courses in chosen concentration and upper-division writing)
Computer Information Systems Option Courses		
___	ACCT 211	Introductory Accounting I
___	ACCT 212	Introductory Accounting II (Prereq: ACCT 211)
___	FIN 313	Business Finance (Prereq: ACCT 212, ADMN 210 & Math 110)
___	MKTG 305	Marketing Principles
___	SCM 304	Principles of Supply Chain Management (Prereq: ADMN 210)
___	SCM 305	Enterprise Resource Planning (Prereq: SCM 304)
___	4 Units Chosen From the Following:	
___	IST: 378, 476, 483, 505, 575, 590, or 595D (refer to University catalog for prereq.)	

Upper-Division General Education Requirements: Select one from each category

Area B - Natural Sciences- Four units chosen from:	
5.	Integrative Capstone: NSCI 300, NSCI 310, NSCI 314, NSCI 315, NSCI 320, NSCI 325*, NSCI 351, NSCI 360
Area C - Humanities- Four units chosen from:	
5.	Integrative Capstone: HUM 319, HUM 325*, HUM 328*, HUM 330, HUM 335*, HUM 340, HUM 344, HUM 350*, HUM 370*, HUM 375*, HUM 380*, HUM 385
Area D - Social and Behavioral Sciences- Four units chosen from:	
5.	Integrative Capstone: SSCI 300, SSCI 304, SSCI 315, SSCI 316*, SSCI 320, SSCI 321, SSCI 325*, SSCI 345, SSCI 350*
*Courses will also count as Multicultural/Gender Requirement (G5)	
Upper-Division Writing Requirement- Four units chosen from:	
	EDUC 306, ENG 306, HON 306, HUM 306, MGMT 306 , NSCI 306, SSCI 306

Please refer to PAWS for specific course and graduation requirements

(B.S.) INFORMATION SYSTEMS AND TECHNOLOGY INTELLIGENCE OPTION 1-Year Road Map

Fall	Winter	Spring
<input type="checkbox"/> IST 309	<input type="checkbox"/> IST 372	<input type="checkbox"/> SCM 515
<input type="checkbox"/> MGMT 306	<input type="checkbox"/> IST 474	<input type="checkbox"/> IST Option
<input type="checkbox"/> MGMT 302	<input type="checkbox"/> IST Option	<input type="checkbox"/> IST 475
<input type="checkbox"/> UD GE Capstone	<input type="checkbox"/> UD GE Capstone	<input type="checkbox"/> UD GE Capstone

Upper-Division Major Core and Concentration Courses: Fall Course Recommendations Highlighted

Upper Division Courses		
___	IST 309	Information Systems and Technology (Prereq: IST 101)
___	IST 372	Information Technology (Prereq: IST 309)
___	IST 474	Advc Data Base Mngmt & Info Assurance (Prereq: IST 274, 309)
___	IST 475	Advc Info Networking & Security (Prereq: IST 275 & IST 309)
___	MGMT 302	Management & Organizational Behavior
___	SCM 515	Project Management
___	IST 490	Info Systems Planning & Policy (Prereq: Completion of all other courses in chosen concentration and upper-division writing)

Intelligence Option Courses		
___	IST 415	Security Systems Mgmt (Prereq: IST 215)
___	IST 511	Cyber Defense (Prereq: IST 215 and IST 275)
___	IST 525	Computer Forensics (Prereq: IST 215)
___	PSCI 204	International Relations
___	PSCI 325	American Foreign Policy
___	PSCI 484	National Security Policy
___	PSCI 590	Seminar

Upper-Division General Education Requirements: Select one from each category

Area B - Natural Sciences- Four units chosen from:	
5.	Integrative Capstone: NSCI 300, NSCI 310, NSCI 314, NSCI 315, NSCI 320, NSCI 325*, NSCI 351, NSCI 360
Area C - Humanities- Four units chosen from:	
5.	Integrative Capstone: HUM 319, HUM 325*, HUM 328*, HUM 330, HUM 335*, HUM 340, HUM 344, HUM 350*, HUM 370*, HUM 375*, HUM 380*, HUM 385
Area D - Social and Behavioral Sciences- Four units chosen from:	
5.	Integrative Capstone: SSCI 300, SSCI 304, SSCI 315, SSCI 316*, SSCI 320, SSCI 321, SSCI 325*, SSCI 345, SSCI 350*
*Courses will also count as Multicultural/Gender Requirement (G5)	
Upper-Division Writing Requirement- Four units chosen from:	
	EDUC 306, ENG 306, HON 306, HUM 306, MGMT 306 , NSCI 306, SSCI 306

Please refer to PAWS for specific course and graduation requirements

(B.S.) INFORMATION SYSTEMS AND TECHNOLOGY CYBER SECURITY OPTION 1-Year Road Map

Fall	Winter	Spring
<input type="checkbox"/> IST 309	<input type="checkbox"/> IST 372	<input type="checkbox"/> IST 475
<input type="checkbox"/> MGMT 306	<input type="checkbox"/> IST 474	<input type="checkbox"/> SCM 515
<input type="checkbox"/> MGMT 302	<input type="checkbox"/> IST Option	<input type="checkbox"/> IST Option
<input type="checkbox"/> UD GE Capstone	<input type="checkbox"/> UD GE Capstone	<input type="checkbox"/> UD GE Capstone

Upper-Division Major Core and Concentration Courses: Fall Course Recommendations Highlighted

Upper Division Courses		
___	IST 309	Information Systems and Technology (Prereq: IST 101)
___	IST 372	Information Technology (Prereq: IST 309)
___	IST 474	Advc Data Base Mngmt & Info Assurance (Prereq: IST 274, 309)
___	IST 475	Advc Info Networking & Security (Prereq: IST 275 & IST 309)
___	MGMT 302	Management & Organizational Behavior
___	SCM 515	Project Management
___	IST 490	Info Systems Planning & Policy (Prereq: Completion of all other courses in chosen concentration and upper-division writing)
Cyber Security Option Courses		
___	ACCT 211	Introductory Accounting I
___	ACCT 212	Introductory Accounting II (prereq: ACCT 211)
___	FIN 313	Business Finance (prereq: ACCT 212, ADMN 210, Math 110)
___	IST 415	Security Systems Management (Prereq: IST 215)
___	IST 511	Cyber Defense (Prereq: IST 215 and IST 275)
___	IST 525	Computer Forensics (Prereq: IST 215)
___	4 Units Chosen From the Following:	
___	IST 476, 483, 575, 590, or 595D (refer to University catalog for prereq.)	

Upper-Division General Education Requirements: Select one from each category

Area B - Natural Sciences- Four units chosen from:	
5.	Integrative Capstone: NSCI 300, NSCI 310, NSCI 314, NSCI 315, NSCI 320, NSCI 325*, NSCI 351, NSCI 360
Area C - Humanities- Four units chosen from:	
5.	Integrative Capstone: HUM 319, HUM 325*, HUM 328*, HUM 330, HUM 335*, HUM 340, HUM 344, HUM 350*, HUM 370*, HUM 375*, HUM 380*, HUM 385
Area D - Social and Behavioral Sciences- Four units chosen from:	
5.	Integrative Capstone: SSCI 300, SSCI 304, SSCI 315, SSCI 316*, SSCI 320, SSCI 321, SSCI 325*, SSCI 345, SSCI 350*
<i>*Courses will also count as Multicultural/Gender Requirement (G5)</i>	
Upper-Division Writing Requirement- Four units chosen from:	
	EDUC 306, ENG 306, HON 306, HUM 306, MGMT 306 , NSCI 306, SSCI 306

Please refer to PAWS for specific course and graduation requirements

**(B.S.) INFORMATION SYSTEMS AND TECHNOLOGY
PUBLIC ADMINISTRATION OPTION
1-Year Road Map**

Fall	Winter	Spring
<input type="checkbox"/> IST 309	<input type="checkbox"/> IST 372	<input type="checkbox"/> SCM 515
<input type="checkbox"/> MGMT 306	<input type="checkbox"/> IST 474	<input type="checkbox"/> IST 475
<input type="checkbox"/> MGMT 302	<input type="checkbox"/> IST Option	<input type="checkbox"/> IST Option
<input type="checkbox"/> UD GE Capstone	<input type="checkbox"/> UD GE Capstone	<input type="checkbox"/> UD GE Capstone

Upper-Division Major Core and Concentration Courses: Fall Course Recommendations Highlighted

Upper Division Courses		
___	IST 309	Information Systems and Technology (Prereq: IST 101)
___	IST 372	Information Technology (Prereq: IST 309)
___	IST 474	Advc Data Base Mngmt & Info Assurance (Prereq: IST 274, 309)
___	IST 475	Advc Info Networking & Security (Prereq: IST 275 & IST 309)
___	MGMT 302	Management & Organizational Behavior
___	SCM 515	Project Management
___	IST 490	Info Systems Planning & Policy (Prereq: Completion of all other courses in chosen concentration and upper-division writing)
Public Administration Option Courses		
___	PA 315	Government Business Relations
___	PA 380	Introduction to Public Administration
___	PA 462	Public Personnel Administration (Prereq: PA 380 & upper-division writing)
___	PA 463	Government Budgeting (Prereq: Upper-division writing)
___	PA 472	Administrative Law (Prereq: Upper-division writing)
___	8 Units Chosen From the Following:	
	IST 415, 505, 511, or 525 (refer to University catalog for prereq.)	

Upper-Division General Education Requirements: Select one from each category

Area B - Natural Sciences- Four units chosen from:	
5.	Integrative Capstone: NSCI 300, NSCI 310, NSCI 314, NSCI 315, NSCI 320, NSCI 325*, NSCI 351, NSCI 360
Area C - Humanities- Four units chosen from:	
5.	Integrative Capstone: HUM 319, HUM 325*, HUM 328*, HUM 330, HUM 335*, HUM 340, HUM 344, HUM 350*, HUM 370*, HUM 375*, HUM 380*, HUM 385
Area D - Social and Behavioral Sciences- Four units chosen from:	
5.	Integrative Capstone: SSCI 300, SSCI 304, SSCI 315, SSCI 316*, SSCI 320, SSCI 321, SSCI 325*, SSCI 345, SSCI 350*
*Courses will also count as Multicultural/Gender Requirement (G5)	
Upper-Division Writing Requirement- Four units chosen from:	
	EDUC 306, ENG 306, HON 306, HUM 306, MGMT 306 , NSCI 306, SSCI 306

Please refer to PAWS for specific course and graduation requirements