

Degree: Bachelor of Arts in Administration - Supply Chain Management Concentration

Freshman 4-Year Academic Roadmap

Year 1: Freshman Year										Year Total	30
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
ADMN 1500 Intro ADMIN		<input type="checkbox"/>		1.5	GE B4 Math 1301		<input type="checkbox"/>		3		
IST 1110 Intro INFO		<input type="checkbox"/>		1.5	GE A3 Critical Thinking		<input type="checkbox"/>		3		
GE E Foundation Seminar		<input type="checkbox"/>		3	GE C1 Art		<input type="checkbox"/>		3		
GE A1 Oral Comm		<input type="checkbox"/>		3	GE C2 Humanities		<input type="checkbox"/>		3		
GE A2 Written Comm		<input type="checkbox"/>		3	GE D U.S. History		<input type="checkbox"/>		3		
GE D American Government		<input type="checkbox"/>		3			<input type="checkbox"/>				
Semester Total				15	Semester Total				15		
Year 2: Sophomore Year										Year Total	30
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
ACCT 2110 Intro ACCT I		<input type="checkbox"/>		3	ACCT 2120 Intro ACCT II		<input checked="" type="checkbox"/>	ACCT 2110	3		
MGMT 2300 Legal Environ		<input type="checkbox"/>		3	ECON 2201 Micro Econ		<input type="checkbox"/>		3		
GE D3 ECON 2202 Macro Econ		<input type="checkbox"/>		3	ADMN 2100 Bus Stat*		<input type="checkbox"/>		3		
GE C1 or C2		<input type="checkbox"/>		3	GE B2 Life Science		<input type="checkbox"/>		3		
GE B1 Physical Science		<input type="checkbox"/>		3	GE B3 Lab Activity		<input type="checkbox"/>		1		
		<input type="checkbox"/>			Free Elec FIN 1001		<input type="checkbox"/>		2		
Semester Total				15	Semester Total				15		
Year 3: Junior Year										Year Total	30
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
FIN 3001 FIN I		<input checked="" type="checkbox"/>	ACCT2120,Math 1301,ADMN 2100	3	FIN 3002 FIN II		<input checked="" type="checkbox"/>	FIN 3001	1.5		
MGMT 3500 Applied Comm		<input type="checkbox"/>		3	ENTR 3000 Entrep & Innov		<input type="checkbox"/>		1.5		
SCM 3040 Supply Chain Mgmt*		<input checked="" type="checkbox"/>	ADMN 2100	3	SCM 3050		<input checked="" type="checkbox"/>	SCM 3040	3		
MGMT 3900 Princ of Strategy		<input type="checkbox"/>		1.5	MKTG 3050 Marketing Prin		<input type="checkbox"/>		3		
MKTG 3160 Research Methods		<input type="checkbox"/>		1.5	IST 3110 Mgmt Info Tech		<input checked="" type="checkbox"/>	IST 1110	3		
GE D4 Upper Div D PA 3150		<input type="checkbox"/>		3	GE B5 Upper Div B		<input type="checkbox"/>		3		
		<input type="checkbox"/>					<input type="checkbox"/>				
Semester Total				15	Semester Total				15		
Year 4: Senior Year										Year Total	30
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
SCM 4400		<input checked="" type="checkbox"/>	SCM 3040	3	SCM 4700		<input checked="" type="checkbox"/>	SCM 3040	3		
SCM 4750		<input checked="" type="checkbox"/>	ADMN 2100	3	SCM 5150		<input type="checkbox"/>		3		
MGMT 3020 Organizn Behav		<input type="checkbox"/>		3	1 Elective from List of 6 Courses		<input checked="" type="checkbox"/>	SCM 3040	3		
GE C4 Upper Div C		<input type="checkbox"/>		3	PA 3050 Org in Multiculture		<input type="checkbox"/>		1.5		
Free Elective		<input type="checkbox"/>		3	ADMN 4900 ADMN CAPSTONE		<input checked="" type="checkbox"/>	Upper Admn Cores	1.5		
		<input type="checkbox"/>			Free Elective		<input type="checkbox"/>		3		
		<input type="checkbox"/>					<input type="checkbox"/>				
Semester Total				15	Semester Total				15		
*Course may be offered in summer						Degree Units Total				120	

**Supply Chain Management Concentration
(18 units) (Program Code: SCM)**

SCM 3050	Enterprise Resource Planning	3	3rd Year, 2nd Semester
SCM 4400	Transportation and Logistics Strategy	3	4th Year, 1st Semester
SCM 4750	Supply Chain Analytics	3	4th Year, 1st Semester
SCM 4700	Advanced Supply Chain and Logistics Management	3	4th Year, 2nd Semester
SCM 5150	Project Management	3	4th Year, 2nd Semester
Three units chosen from:		3	4th Year, 2nd Semester
SCM 4450	International Logistics		
SCM 4800	Quality Management		
SCM 5050	Advanced Enterprise Resource Planning		
GEOG 5303	Advanced Topics in GIS and Spatial Techniques: GIS for Business		
ADMN 5750	Internship		
SCM 5950	Independent Study		
Total Units		18	

Degree: Bachelor of Arts in Administration - Business Analytics Concentration

Freshman 4-Year Academic Roadmap

Year 1: Freshman Year										Year Total	30	
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units			
ADMN 1500 Intro ADMIN		<input type="checkbox"/>		1.5	GE B4 Math 1301		<input type="checkbox"/>		3			
IST 1110 Intro INFO		<input type="checkbox"/>		1.5	GE A3 Critical Thinking		<input type="checkbox"/>		3			
GE E Foundation Seminar		<input type="checkbox"/>		3	GE C1 Art		<input type="checkbox"/>		3			
GE A1 Oral Comm		<input type="checkbox"/>		3	GE C2 Humanities		<input type="checkbox"/>		3			
GE A2 Written Comm		<input type="checkbox"/>		3	GE D U.S. History		<input type="checkbox"/>		3			
GE D American Government		<input type="checkbox"/>		3			<input type="checkbox"/>					
Semester Total				15	Semester Total				15			
Year 2: Sophomore Year										Year Total	30	
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units			
ACCT 2110 Intro ACCT I		<input type="checkbox"/>		3	ACCT 2120 Intro ACCT II		<input checked="" type="checkbox"/>	ACCT 2110	3			
MGMT 2300 Legal Environ		<input type="checkbox"/>		3	ECON 2201 Micro Econ		<input type="checkbox"/>		3			
GE D3 ECON 2202 Macro Econ		<input type="checkbox"/>		3	ADMN 2100 Bus Stat		<input type="checkbox"/>		3			
GE C1 or C2		<input type="checkbox"/>		3	GE B2 Life Science		<input type="checkbox"/>		3			
GE B1 Physical Science		<input type="checkbox"/>		3	GE B3 Lab Activity		<input type="checkbox"/>		1			
		<input type="checkbox"/>			Free Elec FIN 1001		<input type="checkbox"/>		2			
Semester Total				15	Semester Total				15			
Year 3: Junior Year										Year Total	30	
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units			
FIN 3001 FIN I		<input checked="" type="checkbox"/>	ACCT2120,Math 1301,ADMN 2100	3	FIN 3002 FIN II		<input checked="" type="checkbox"/>	FIN 3001	1.5			
MGMT 3500 Applied Comm		<input type="checkbox"/>		3	ENTR 3000 Entrep & Innov		<input type="checkbox"/>		1.5			
SCM 3040 Supply Chain Mgmt		<input checked="" type="checkbox"/>	ADMN 2100	3	IST 2510 Big Data Analytics		<input checked="" type="checkbox"/>	ADMN 2110	3			
MGMT 3900 Princ of Strategy		<input type="checkbox"/>		1.5	MKTG 3050 Marketing Prin		<input type="checkbox"/>		3			
MKTG 3160 Research Methods		<input type="checkbox"/>		1.5	IST 3110 Mgmt Info Tech		<input checked="" type="checkbox"/>	IST 1110	3			
GE D4 Upper Div D PA 3150		<input type="checkbox"/>		3	GE B5 Upper Div B		<input type="checkbox"/>		3			
		<input type="checkbox"/>					<input type="checkbox"/>					
Semester Total				15	Semester Total				15			
Year 4: Senior Year										Year Total	30	
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units			
IST 2510 Advanced Data Analytics		<input checked="" type="checkbox"/>	IST 2510	3	IST 4520 Data Mining		<input checked="" type="checkbox"/>	IST 2510	3			
IST 3500 Problem Solving & Decision Making		<input checked="" type="checkbox"/>	ADMN 2100	3	IST 4120 Info Sys Plan & Policy		<input checked="" type="checkbox"/>	IST 4510 & IST 3500 & IST 45	3			
MGMT 3020 Organizn Behav		<input type="checkbox"/>		3	IST Elective**		<input checked="" type="checkbox"/>		3			
GE C4 Upper Div C		<input type="checkbox"/>		3	PA 3050 Org in Multiculture		<input type="checkbox"/>		1.5			
Free Elective		<input type="checkbox"/>		3	ADMN 4900 ADMN CAPSTONE		<input checked="" type="checkbox"/>	Upper Admn Cores	1.5			
		<input type="checkbox"/>			Free Elective		<input type="checkbox"/>		3			
		<input type="checkbox"/>					<input type="checkbox"/>					
Semester Total				15	Semester Total				15			
*Course may be offered in summer										Degree Units Total		120

General Education Courses

GE Category	Courses	Designation
A1	Oral Communication	University Foundations
A2	Written Communication	University Foundations
A3	Critical Thinking	University Foundations
B1	Physical Science	Disciplinary Perspectives
B2	Life Science	Disciplinary Perspectives
B3	Lab Activity	Disciplinary Perspectives
B4	Mathematics	University Foundations
B5	Upper Division Scientific Inquiry	Disciplinary Perspectives
C1*	Arts	Disciplinary Perspectives
C2*	Literature	Disciplinary Perspectives
C2*	Philosophy	Disciplinary Perspectives
C2*	World Languages or Literature in Translation	Disciplinary Perspectives
*one choice must be upper-division		
D1^	U.S. History	University Foundations
D2^	American Government	University Foundations
D3^	Social Sciences Discipline Perspectives	Disciplinary Perspectives
D4^	Upper Division Social Science	Disciplinary Perspectives
^at least 2 disciplines must be represented in D, including choices in US History & Government		
E	Foundation Seminar	University Foundations
(WI)	Writing Intensive	At least 2 courses reqd, one UD
	Diversity and Inclusiveness	
(DI)	Perspectives	At least 1 course required
(G)	Global Perspectives	At least 1 course required

Degree: Bachelor of Arts in Administration - IST Concentration

Freshman 4-Year Academic Roadmap

Year 1: Freshman Year										Year Total	30
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
ADMN 1500 Intro ADMIN		<input type="checkbox"/>		1.5	GE B4 Math 1301		<input type="checkbox"/>		3		
IST 1110 Intro INFO		<input type="checkbox"/>		1.5	GE A3 Critical Thinking		<input type="checkbox"/>		3		
GE E Foundation Seminar		<input type="checkbox"/>		3	GE C1 Art		<input type="checkbox"/>		3		
GE A1 Oral Comm		<input type="checkbox"/>		3	GE C2 Humanities		<input type="checkbox"/>		3		
GE A2 Written Comm		<input type="checkbox"/>		3	GE D U.S. History		<input type="checkbox"/>		3		
GE D American Government		<input type="checkbox"/>		3			<input type="checkbox"/>				
Semester Total				15	Semester Total				15		
Year 2: Sophomore Year										Year Total	30
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
ACCT 2110 Intro ACCT I		<input type="checkbox"/>		3	ACCT 2120 Intro ACCT II		<input checked="" type="checkbox"/>	ACCT 2110	3		
MGMT 2300 Legal Environ		<input type="checkbox"/>		3	ECON 2201 Micro Econ		<input type="checkbox"/>		3		
GE D3 ECON 2202 Macro Econ		<input type="checkbox"/>		3	ADMN 2100 Bus Stat		<input type="checkbox"/>		3		
GE C1 or C2		<input type="checkbox"/>		3	GE B2 Life Science		<input type="checkbox"/>		3		
GE B1 Physical Science		<input type="checkbox"/>		3	GE B3 Lab Activity		<input type="checkbox"/>		1		
		<input type="checkbox"/>			Free Elec FIN 1001		<input type="checkbox"/>		2		
Semester Total				15	Semester Total				15		
Year 3: Junior Year										Year Total	30
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
FIN 3001 FIN I		<input checked="" type="checkbox"/>	ACCT2120,Math 1301,ADMN 2100	3	FIN 3002 FIN II		<input checked="" type="checkbox"/>	FIN 3001	1.5		
MGMT 3500 Applied Comm		<input type="checkbox"/>		3	ENTR 3000 Entrep & Innov		<input type="checkbox"/>		1.5		
SCM 3040 Supply Chain Mgmt		<input checked="" type="checkbox"/>	ADMN 2100	3	IST 2210 network & security		<input checked="" type="checkbox"/>	IST 1110	3		
MGMT 3900 Princ of Strategy		<input type="checkbox"/>		1.5	MKTG 3050 Marketing Prin		<input type="checkbox"/>		3		
MKTG 3160 Research Methods		<input type="checkbox"/>		1.5	IST 3110 Mgmt Info Tech		<input checked="" type="checkbox"/>	IST 1110	3		
GE D4 Upper Div D PA 3150		<input type="checkbox"/>		3	GE B5 Upper Div B		<input type="checkbox"/>		3		
		<input type="checkbox"/>					<input type="checkbox"/>				
Semester Total				15	Semester Total				15		
Year 4: Senior Year										Year Total	30
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
IST 2410 Database Mgmt		<input type="checkbox"/>		3	IST 4210 Adv Network		<input checked="" type="checkbox"/>	IST 2210	3		
IST 2610 Cybersecurity		<input checked="" type="checkbox"/>	IST 1110	3	IST 4120 Info Sys Plan & Policy		<input checked="" type="checkbox"/>	IST 2110 & IST 2610	3		
MGMT 3020 Organizn Behav		<input type="checkbox"/>		3	IST Elective**		<input checked="" type="checkbox"/>		3		
GE C4 Upper Div C		<input type="checkbox"/>		3	PA 3050 Org in Multiculture		<input type="checkbox"/>		1.5		
Free Elective		<input type="checkbox"/>		3	ADMN 4900 ADMN CAPSTONE		<input checked="" type="checkbox"/>	Upper Admn Cores	1.5		
		<input type="checkbox"/>			Free Elective		<input type="checkbox"/>		3		
		<input type="checkbox"/>					<input type="checkbox"/>				
Semester Total				15	Semester Total				15		
*Course may be offered in summer						Degree Units Total				120	

General Education Courses

GE Category	Courses	Designation
A1	Oral Communication	University Foundations
A2	Written Communication	University Foundations
A3	Critical Thinking	University Foundations
B1	Physical Science	Disciplinary Perspectives
B2	Life Science	Disciplinary Perspectives
B3	Lab Activity	Disciplinary Perspectives
B4	Mathematics	University Foundations
B5	Upper Division Scientific Inquiry	Disciplinary Perspectives
C1*	Arts	Disciplinary Perspectives
C2*	Literature	Disciplinary Perspectives
C2*	Philosophy	Disciplinary Perspectives
C2*	World Languages or Literature in Translation	Disciplinary Perspectives
*one choice must be upper-division		
D1^	U.S. History	University Foundations
D2^	American Government	University Foundations
D3^	Social Sciences Discipline Perspectives	Disciplinary Perspectives
D4^	Upper Division Social Science	Disciplinary Perspectives
^at least 2 disciplines must be represented in D, including choices in US History & Government		
E	Foundation Seminar	University Foundations
(WI)	Writing Intensive	At least 2 courses reqd, one UD
	Diversity and Inclusiveness	
(DI)	Perspectives	At least 1 course required
(G)	Global Perspectives	At least 1 course required

BS in IST With Concentration in CyberSecurity

IST 4610	Cybersecurity Management	3 3rd Year, 1st Semester
IST 5250	Incident Handling and Cyber Investigation	3 3rd Year, 2nd Semester
IST 4620	Penetration Testing and Ethical Hacking	3 4th Year, 1st Semester
IST 5930	Seminar in Information Systems and Technology	3 4th Year, 2nd Semester
Six units chosen from the following courses:		6
IST 4120	Information Systems Planning and Policy	
IST 4320	Advanced Applications Development	
IST 4410	Advanced Database Management and Information Assurance	
IST 4510	Advanced Data Analytics	
IST 4520	Data Mining	
ADMN 6753	Internship	
ADMN 6755	Internship	
IST 5915	Seminar in Information Systems and Technology	
IST 5930	Seminar in Information Systems and Technology	
IST 5951	Independent Study	
IST 5952	Independent Study	
IST 5953	Independent Study	
IST 5955	Independent Study	
Total		18

BS in IST with Concentration in National Security

PSCI 3250	American Foreign Policy	3 3rd Year, 1st Semester
IST 4610	Cybersecurity Management	3 3rd Year, 2nd Semester
IST 5250	Incidental Handling and Cyber Investigation	3 4th Year, 1st Semester
IST 4620	Penetration Testing and Ethical Hacking	3 4th Year, 2nd Semester
Six units chosen from the following courses:		6
IST 4120	Information Systems Planning and Policy	
IST 4320	Advanced Applications Development	
IST 4410	Advanced Database Management and Information Assurance	
IST 4510	Advanced Data Analytics	
IST 4520	Data Mining	
ADMN 6753	Internship	
ADMN 6755	Internship	
IST 5915	Seminar in Information Systems and Technology	
IST 5930	Seminar in Information Systems and Technology	
IST 5951	Independent Study	
IST 5952	Independent Study	
IST 5953	Independent Study	
IST 5955	Independent Study	
	Total	18