

**Possible Four-Year Plan for Information Science & Systems (Bachelor of Science) with a Concentration in Information Systems and Security Management Degree Curriculum Requirements
2023-24 Catalog**

*Students must complete REAL Studies minors in **Expression (E)** or complete a minor designated as E.*

*Sample schedule includes REAL Studies minor in **Expression**.*

Students should consult with their academic advisor to develop a schedule reflective of their unique goals.

Freshman Year			
Fall Semester	Credits	Spring Semester	Credits
ENGL 111: Principles of College Composition	3	Writing Intensive Course or ECON major elective	3
MATH 125: Precalculus 1	3	ITEC 120: Principles of Computer Science I (or ITEC 118)	3-4
ECON 105 or 106: Macroeconomics or Microeconomics	3	ECON 105 or 106: Macroeconomics or Microeconomics	3
	3	ITEC 281: Data Mgmt & Analysis with Spreadsheets	3
REAL Expression course	3	REAL Expression course	3
UNIV 100: Introduction to Higher Education (<i>Recommended</i>)	1		
Total Semester Credits:	16	Total Semester Credits:	15-16

Sophomore Year			
Fall Semester	Credits	Spring Semester	Credits
Writing Intensive Course or ECON major elective	3	ACTG 212: Fundamentals of Managerial Accounting	3
ACTG 211: Fundamentals of Financial Accounting	3	MGNT 322: Organizational Behavior	3
STAT 200: Introduction to Statistics	3	BLAW 203: Legal Environment of Business	3
REAL Expression course	3	ITEC 220: Principles of Computer Science II (or INSY 315)	4
Free Elective (or ITEC 119 if taking ITEC 118 instead of ITEC 120)	3	Writing Intensive Course: 300/400 Level	3
Total Semester Credits:	15	Total Semester Credits:	16

Junior Year			
Fall Semester	Credits	Spring Semester	Credits
REAL Expression course	3	REAL Expression course or Free Elective	3
MKTG 340: Principles of Marketing	3	ITEC 350: Introduction to Computer Networking (or INSY 205)	3
ITEC 340: Database I (or INSY 304)	3	MGNT 333: Business Analytics for Decision Making	3
FINC 331: Introduction to Business Finance	3	ECON 340: Global Economy & Business	3
ITEC 345: Introduction to Information Security	3	ITEC 455: Applied Cryptography and Network Security	3
Total Semester Credits:	15	Total Semester Credits:	15

Senior Year			
Fall Semester	Credits	Spring Semester	Credits
MGNT 357: Operations Management	3	MGNT 428: Global Business Strategy	3
INSY 369: Systems Analysis and Design (or ITEC 370)	3	INSY 495: Information Systems Capstone (or MGNT 457)	3
ITEC 395: Information Technology Project Management	3	CRJU 412: Security Administration and Crime Prevention	3
INSY 466: Information Assurance Management	3	Free Elective	3
REAL Expression course	3	Free Elective	3
Total Semester Credits:	15		15

120 credit hours required for graduation.