



# Business and Information Technology

## Information Science and Technology B.S. Sample Four Year Schedule for Curriculum Effective Fall 2023

Freshman First Semester		Credits	Freshman Second Semester		Credits
BUS 1810 Introduction to College Success	1		BUS 1110 Introduction to Management and Entrepreneurship	3	
ENGLISH 1120 Exposition and Argumentation	3		BUS 1210 Financial Accounting	3	
IS&T 1750 Introduction to Management Information Systems	3		SP&M 1185 Principles of Speech	3	
Mathematical Science Elective <sup>1</sup> or Science Elective <sup>2</sup>	4		PSYCH 1101 General Psychology	3	
Science Elective <sup>2</sup>	3		MATH 1212 Survey of Calculus <sup>3</sup>	4	
Sophomore First Semester			Sophomore Second Semester		
ECON 1200 Principles of Macroeconomics	3		ECON 1100 Principles of Microeconomics	3	
ENGLISH/TCH COM 1600 Intro to Technical Communication <sup>4</sup>	3		IS&T 3131 Computing Internals and Operating Systems	3	
ERP 2110 Introduction to Enterprise Resource Planning	3		IS&T 4654 Introduction to Web Design and Digital Media Studies	3	
IS&T 1561 Algorithms and Programming with Java	3		IS&T 1562 Java and Data Structures	3	
Mathematical Science Elective <sup>1</sup> or Science Elective <sup>2</sup>	3		STAT 3111 Statistical Tools for Decision Making	3	
Junior First Semester			Junior Second Semester		
FINANCE 2150 Corporate Finance I	3		ENGLISH/TECH COM 2560 Technical Marketing Communication	3	
IS&T 3420 Introduction to Data Science and Management	3		IS&T 3333 Data Networks and Information Security	3	
IS&T 3423 Database Management	3		IS&T 3343 Systems Analysis	3	
Fine Art, Social Science, or Humanities Elective <sup>5</sup>	3		IST Elective <sup>6</sup>	3	
IST Elective <sup>6</sup>	3		MKT 3110 Marketing	3	
Senior First Semester			Senior Second Semester		
IS&T 4641 Digital Commerce and IoT Analytics	3		BUS 5980 Business Models for Entrepreneurship and Innovation	3	
IST Elective <sup>6</sup>	3		IST Elective <sup>6</sup>	3	
IST Elective <sup>6</sup>	3		POL SCI 1200 American Government	3	
History Elective	3		Free Elective	3	
Free Elective	3		Free Elective	3	

A grade of "C" or better is required in all of the following: BUS 1110, BUS 1210, BUS 1810, BUS 5980, ECON 1100, ECON 1200, ERP 2110, FINANCE 2150, IS&T 1561, IS&T 1562, IS&T 1750, IS&T 3131, IS&T 3333, IS&T 3343, IS&T 3420, IS&T 3423, IS&T 4641, IS&T 4654, MKT 3110, and all IS&T Electives.

1 Mathematical Science is any course in mathematics, statistics, computer science, or information science and technology that is not used for other degree requirements.

2 Science is any course in biology, chemistry, geology, geological engineering or physics.

3 A grade of 'C' or better is required in this course as a prerequisite to STAT 3111.

4 ENGLISH 1160 may be substituted for ENGLISH/TECH COM 1600.

5 Fine Arts, Social Science, or Humanities is any course in art, economics, English, foreign language, history, literature, music, philosophy, political science, psychology, sociology or theater that is not used for other degree requirements.

6 IS&T Electives are any courses (at 3000-level or above) in information science and technology or enterprise resource planning that are not used for other degree requirements. Any of BUS 5730, BUS 5910, COMP SCI 4700 or COMP SCI 5601 will also fulfill this requirement.