Requirements for the Bachelor of Science Degree in Information Systems

Lower Division Requirements:

Computer Science 132(2) __	Intro to Computer Science
Computer Science 142(2) __	Intro to Computer Programming
Computer Science 154(4) __	Fundamentals of Computer Science
Computer Science 252(2) __	Data Structures and Algorithms
Information Systems 234(4) __	Intro to Information Systems
Mathematics 203(3) __	Intro to Statistics
Business 212(4) __	Principles of Management
Economics 102(3) __	Economics II (Microeconomics)

Upper Division Requirements:

Information Systems 304(4) __	Business Application Software
Information Systems 312(2) __	Operating Systems for Information Systems
Information Systems 324(4) __	Software Engineering
Information Systems 372(2) __	Network Administration
Information Systems 382(2) __	Telecommunications
Information Systems 414(4) __	Database Management Systems
Information Systems 424(4) __	Internet Applications Development
Information Systems 444(4) __	Information Security and Policy
Information Systems 481(1) __	Senior Seminar in Information
Information Systems 484(4) __	Operations Management

Choose **one group** from:

Information Sys 496(2) and 497(1) __	Service Learning I and II
Information Sys 498(2) and 499(1) _	Independent Research I and II
Information Sys 472(2) __	Internship in Information Sys
Honors 498(2) and 499(1) __	Honors Project I and II

Electives - **min 3 units.**

(*4 units if ISS472 chosen from group selection)

ACC201(4) __

BUS213(4) __
BUS301(4) __
BUS302(4) __
BUS374(4) __

ISS496(2) __
ISS497(1) __
ISS498(2) __
ISS499(1) __

HON498(2) __
HON499(1) __

I. Responding to the Sacred

Biblical Foundations	Bible 101(2) __	and	Bible 102(3) __
The Christian Tradition	Church History 395(3) __ or Church History 484(3) and 485(3)	or	Theology 306(3) __

II. Developing Cognitive Abilities

Personal Development	Psychology 101(4) (FF) __	or	Psychology 103(3) __
Critical Thinking and Communication	Writing 110(5) __ or Writing 120(3) __	and	Communication 100 (3) __
Basic Competence	Writing Sample__		Writing 099 __
Problem Solving	Mathematics 303(3) __	or	Mathematics 144(4) __ Mathematics 164(4) __
Basic Competence	Placement Test__ SAT 35th %ile__		Math 099 __ ACT 35th %ile__

III. Exploring an Interdependent World

The Natural World	Biological Science (4) One with lab __	and	Physical Science (4-5)
Physical Fitness and Nutrition	PED _____ (One of Physical Education 102-184) Take one of the following: Physical Education 100(1) __		Family & Consumer Sci. 315(3) __ Physical Education 300(2) __
The Social World	Take one of the following: Economics 101(3) __ Economics 102(3) __		Sociology 101(3) __ Sociology 201(3) __ Political Science 101(3) __ Political Science 190(4) __

IV. Seeking Cultural Perspectives

The History of World Civilizations	History 110(3) __	and	History 111(3) __
The Fine Arts Take **two** of the following areas: (MUH, ART, TRE)	Music History 100(2) __ Music History 101(2) __ Theater 101(2) __ _____		Art 100(2) __ Art 102(3) __ Art 200(3) __ Art 201(3) __
Philosophy	Philosophy 201(3) __	or	Philosophy 211(3) __
Literature Masterpieces:	Take two courses, at least one from masterpieces. Literature 201(3) __ Literature 202(3) __		Literature 203(3) __ _____
Great Works:	Literature 205(2) __ Literature 206(2) __ Literature 207(2) __		Literature 208(2) __ Literature 325(3) __ _____
Foreign Language	Take one of the following sequences:		
	Spanish 101(4) __	and	Spanish 102(4) __
	German 101(4) __	and	German 102(4) __
	French 101(4) __	and	French 102(4) __
	Biblical Lang. 205(4) __ or	and	Biblical Lang. 206(4) __
	Biblical Lang. 207(3) __	and and	Biblical Lang. 208(3) __ Biblical Lang. 337(3) __

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