

IS BS 04-05

Requirements for the Bachelor of Science Degree in Information Systems

Lower Division Requirements		Upper Division Requirements		Electives (minimum 4 units)
Computer Science 122 ⁽²⁾ __	Intro to Computers	Information Systems 304 ⁽⁴⁾ __	Business Application Software	BUS213 ⁽⁴⁾ __
Computer Science 132 ⁽²⁾ __	Intro to Computer Science	Information Systems 314 ⁽⁴⁾ __	Operating Systems	BUS301 ⁽⁴⁾ __
Computer Science 142 ⁽²⁾ __	Intro to Computer Programming	Information Systems 324 ⁽⁴⁾ __	Software Engineering	BUS374 ⁽⁴⁾ __
Computer Science 154 ⁽⁴⁾ __	Fundamentals of Computer Science	Information Systems 413 ⁽³⁾ __	Database Management Systems	HON498 ⁽²⁾ __
Computer Science 254 ⁽⁴⁾ __	Data Structures and Algorithms	Information Systems 422 ⁽²⁾ __	Internet Applications Development	HON499 ⁽¹⁾ __
Information Systems 162 ⁽²⁾ __	Information Systems Practicum	Information Systems 472 ⁽²⁾ __	Internship in IS	
Information Systems 234 ⁽⁴⁾ __	Intro to Information Systems	Information Systems 481 ⁽¹⁾ __	Senior Seminar in IS	
Mathematics 203 ⁽³⁾ __	Intro to Statistics	Information Systems 484 ⁽⁴⁾ __	Operations Management	
Business 212 ⁽⁴⁾ __	Principles of Management	Computer Science 374 ⁽⁴⁾ __	Computer Networks and Parallel Processing	
Economics 102 ⁽³⁾ __	Economics II (Microeconomics)			

I. Responding to the Sacred			
Biblical Foundations	Bible 101 ⁽²⁾ __	and	Bible 102 ⁽³⁾ __
The Christian Tradition	Church History 395 ⁽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⁾ __	and	Communication 100 ⁽³⁾ __
	or Writing 120 ⁽³⁾ __		
Basic Competence	Writing Sample __		Writing 099 __
Problem Solving	Mathematics 303 ⁽³⁾ __	or	Mathematics 144 ⁽⁴⁾ __
			Mathematics 164 ⁽⁴⁾ __
Basic Competence	Placement Test __		Math 099 __
	SAT 35th %ile __		ACT 35th %ile __
III. Exploring an Interdependent World			
The Natural World	Biological Science ⁽⁴⁾ __	and	Physical Science ⁽⁴⁻⁵⁾ __
		One with lab	
Physical Fitness and Nutrition	PED (One of Physical Education 102-184)		
	Take one of the following:		
	Family & Consumer Sci. 315 ⁽³⁾ __		
	Physical Education 100 ⁽¹⁾ __		Physical Education 300 ⁽²⁾ __
The Social World	Take one of the following:		
	Economics 101 ⁽³⁾ __		Sociology 101 ⁽³⁾ __
	Economics 102 ⁽³⁾ __		Sociology 201 ⁽³⁾ __
			Political Science 101 ⁽³⁾ __
			Political Science 190 ⁽⁴⁾ __

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IV. Seeking Cultural Perspectives			
The History of World Civilizations	History 110 ⁽³⁾ __	and	History 111 ⁽³⁾ __
The Fine Arts	Music History 100 ⁽²⁾ __		Art 100 ⁽²⁾ __
Take two of the following areas:	or Music History 101 ⁽²⁾ __		or Art 102 ⁽³⁾ __
(MUH, ART, TRE)	or Music History 321 ⁽⁴⁾ & 322 ⁽⁴⁾ __		Theater 101 ⁽²⁾ __
Philosophy	Philosophy 201 ⁽³⁾ __	or	Philosophy 211 ⁽³⁾ __
Literature Masterpieces:	Take two courses, at least one from masterpieces.		
	Literature 254 ⁽³⁾ __		Literature 201 ⁽³⁾ __
	Literature 255 ⁽³⁾ __		Literature 102 ⁽³⁾ __
	Literature 356 ⁽³⁾ __		Literature 203 ⁽³⁾ __
	Literature 357 ⁽³⁾ __		
Great Works:	Literature 205 ⁽²⁾ __		Literature 207 ⁽²⁾ __
	Literature 206 ⁽²⁾ __		Literature 208 ⁽²⁾ __
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⁾ __	and	Biblical Lang. 206 ⁽⁴⁾ __
	or		
	Biblical Lang. 207 ⁽³⁾ __	and	Biblical Lang. 208 ⁽³⁾ __
		and	Biblical Lang. 337 ⁽³⁾ __