

Requirements for the Bachelor of Arts Degree in Computer Information Systems

<p>Lower Division Requirements:</p> <p>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 232⁽²⁾ __ Intro to Computer Information Systems Information Systems 242⁽²⁾ __ Visual Programming for Business Apps Mathematics 203⁽³⁾ __ Intro to Statistics Business 212⁽⁴⁾ __ Principles of Management Economics 102⁽³⁾ __ Economics II (Microeconomics)</p>	<p>Upper Division Requirements:</p> <p>Computer Science 373⁽³⁾ __ Computer Networking Information Systems 312⁽²⁾ __ Operating Systems for Information Systems Information Systems 324⁽⁴⁾ __ Software Engineering Information Systems 381⁽⁴⁾ __ Telecommunications Information Systems 414⁽⁴⁾ __ Database Management Systems Information Systems 424⁽⁴⁾ __ Internet Applications Development Information Systems 481⁽¹⁾ __ Senior Seminar in Information Systems</p>	<p style="text-align: center;">Electives - min 3 units. (4 units if ISS472 chosen from group selection)</p> <p>ACC201⁽⁴⁾ __ BUS213⁽⁴⁾ __ BUS301⁽⁴⁾ __ BUS302⁽⁴⁾ __ BUS374⁽⁴⁾ __ CSC412⁽²⁾ __ CSC494⁽⁴⁾ __ ISS 472⁽²⁾ __ ISS496⁽²⁾ __ ISS497⁽¹⁾ __ ISS498⁽²⁾ __ ISS499⁽¹⁾ __ HON498⁽²⁾ __ HON499⁽¹⁾ __</p>
<p>Choose one group from:</p> <p>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 Honors 498⁽²⁾ and 499⁽¹⁾ __ Honors Project I and II</p>		

I. Responding to the Sacred	
Biblical Foundations	Bible 101 ⁽⁴⁾ __ and Bible 102 ⁽³⁾ __
The Christian Tradition	Church History 395 ⁽³⁾ __ or Theology 306 ⁽³⁾ __ Church History 484 ⁽³⁾ and 485 ⁽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⁾ __ or Communication 231 ⁽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 211 ⁽²⁾ __ Physical Education 300 ⁽²⁾ __ Physical Education 212 ⁽²⁾ __ Physical Education 213 ⁽²⁾ __
The Social World	Take one of the following: Sociology 101 ⁽³⁾ __ Economics 101 ⁽³⁾ __ Sociology 103 ⁽³⁾ __ Economics 102 ⁽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	Music History 100 ⁽²⁾ __ Art 100 ⁽²⁾ __ Take two of the following areas: Music History 101 ⁽²⁾ __ Art 102 ⁽³⁾ __ Theater 101 ⁽²⁾ __ Art 200 ⁽³⁾ __ (MUH, ART, TRE) Art 201 ⁽³⁾ __
Philosophy	Philosophy 201 ⁽⁵⁾ __ or Philosophy 211 ⁽⁵⁾ __
Literature	Take two courses, at least one from masterpieces.
Masterpieces:	Literature 201 ⁽³⁾ __ Literature 203 ⁽³⁾ __ Literature 202 ⁽³⁾ __
Great Works:	Literature 205 ⁽²⁾ __ Literature 208 ⁽²⁾ __ Literature 206 ⁽²⁾ __ Literature 325 ⁽³⁾ __ Literature 207 ⁽²⁾ __ Literature 460 ⁽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⁾ __ and Biblical Lang. 206 ⁽⁴⁾ __ or Biblical Lang. 207 ⁽⁵⁾ __ and Biblical Lang. 208 ⁽⁵⁾ __ and Biblical Lang. 337 ⁽⁵⁾ __