

**BACHELOR OF ARTS DEGREE IN COMPUTER SCIENCE/APPLICATION SYSTEMS - 128 HOURS****CORE REQUIREMENT (66 hours)**

English (EN 1311, 3300 + 6 hours Sophomore Literature)	12
Fine Arts (FA 1101, 1102, 1103 + 3 hours Art, Drama, or Music)	6
Foreign Language**	6
Speech (3 hours from: SE 1321, 1341, 2333, 3391)	3
Sciences (Biological/Physical Sciences - Student takes 6 hours in one area and 3 hours in the other)	9
* Mathematics (fulfilled in MAJOR requirement)	
Social Sciences	15
Philosophy (PL 1310 2332 + 3 advanced hours)	9
Theology (TH 2301 + 3 hours from TH 3301, 3302, 3330, 3332, 3334, 3350, 3352, 3356, 3380, 3382)	6
Basic Proficiency Requirement in Information Technology (Students must achieve a passing score of 170 or higher on the iSkills test)	

**MAJOR REQUIREMENT (44 hours)**

CS 1410 Programming I	4
CS 1411 Programming II / Data Structures	4
CS 2313 Object Oriented Programming I	3
CS 2315 Algorithms	3
CS 2323 Object Oriented Programming II	3
CS 2350 Computer Systems Architecture ( <i>formerly CS 4350</i> )	3
CS 3335W Survey of Programming Languages	3
CS 3340W Software Engineering	3
CS 3350W Operating Systems ( <i>formerly CS 2320</i> )	3
CS 4320W Files and Data Base	3
CS 4330W Data Communication	3
CS 4395W Senior Project	3
+ 6 hours of upper division CS electives	6

**MATH REQUIREMENT (9 hours)**

MT 1305 Finite Math (*fulfills mathematics CORE requirement)	3
MT 1306 Calculus for Business	3
MT 3323 Discrete Mathematical Structures	3

**ELECTIVES****128****BACHELOR OF ARTS DEGREE IN COMPUTER INFORMATION SYSTEMS (CIS) - 131 HOURS****CORE REQUIREMENT (57 hours)**

Fine Arts (FA 1101, 1102, 1103 + 3 hours Music, Art or Drama)	6
English (EN 1311, 3300 + 6 hours Sophomore Literature)	12
Foreign Language**	6
Speech (3 hours from: SE 1321, 1341, 2333 or 3391)	3
Sciences (Biological/Physical Sciences - Student takes 6 hours in one area and 3 hours in the other)	9
* Mathematics (fulfilled in MAJOR requirement)	
Social Sciences (15-hour requirement fulfilled EC 2301, EC 2303, HR 3325W listed below + 6 hours)	6
Philosophy (PL 1310, 2332 + 3 advanced hours)	9
Theology (TH 2301 + 3 hours from: TH 3301, 3302, 3330, 3332, 3334, 3350, 3352, 3356, 3380, 3382)	6
Basic Proficiency Requirement in Information Technology (Students must achieve a passing score of 170 or higher on the iSkills test)	

**MAJOR REQUIREMENT (44 hours)**

CS 1410 Programming I	4
CS 1411 Programming II/ Data Structures - formerly CS 1311	4
CS 2313 Object-Oriented Programming I	3
CS 2315 Algorithms	3
CS 2323 Object Oriented Programming II	3
CS 2350 Computer Systems Architecture ( <i>formerly CS 4350</i> )	3
CS 3335W Survey of Programming Languages	3
CS 3340W Software Engineering	3
CS 3350W Operating Systems	3
CS 4320W Files and Data Base	3
CS 4330W Data Communication	3
CS 4395W Senior Project	3
+ 6 hours of upper division CS electives	6

**MATH REQUIREMENT (9 hours)**

MT 1305 (Finite Math)*fulfills mathematics CORE requirement	3
MT 1306 (Calculus for Business)	3
+ 3 hours upper division Mathematics	3

**OTHER REQUIRED COURSES (21 hours)**

AC 2310 Introduction to Accounting I	3
AC 2320 Introduction to Accounting II	3
BA 3325 Managing People and Organizations – <i>formerly HR 3325W</i>	3
EC 2301 Introductory Macroeconomic Theory	3
EC 2303 Introductory Microeconomic Theory	3
FN 3310 Corporate Finance	3
MK 3310 Principles of Marketing	3

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