Name: _____ Date: _____ Advisor: _____

Computer Science

University Proficiencies					
	Cr	☑		Cr	☑
ACT English 24-25, SAT Writing 550-580 Proficiency test in first semester or ENGL 111 (Skip ENGL 111 if ACT 26+, SAT 590+)	Score		ACT English <20, SAT Writing <470 ENGL 102 Basic English Skills May take Proficiency at end of ENGL 102	3	
ACT English 20-23, SAT Writing 470-540 ENGL 111 Composition	3				

Evangel University Frameworks Requirements					
	Cr	☑		Cr	☑
BIBL 111 Essential Christianity	3		MATH 210 Statistics	3	
BIBL 115 Old Testament Literature	3		Natural Science	3	
BIBL 116 New Testament Literature	3		Natural Science with a lab	4	
BIBL 360-370 Book Study (choose one)	3		PSYC 138 Psychology of Healthy Relationships	3	
FIN 138 Personal Finance	3		ICST 350 Global Connections	3	
FRWK 220 Order	3		RHET 205 Effective Communication (Writing Proficiency Required)	3	
FRWK 230 Humanity	3				
FRWK 240 Culture	3		Social Science Elective: Strongly recommend HIST 111 Am Hist I or GOVT 170 Intro Am Gov	3	
FRWK 320 Pentecost	3				
Humanities Elective	3		University Seminar: GSCI 100	1	

Program Requirements					
	Cr	☑		Cr	☑
CPSC 111 Introduction to Computer Science	3		CPSC 415 Operating Systems	3	
Second Higher Order Language	3		CPSC 441 Database Management Systems	3	
CPSC 211 Data Structures	3		CPSC 493 Senior Project	3	
CPSC 215 Assembly Language Programming	3		CPSC Upper Division Elective	3	
CPSC 225 Computer Hardware Organization	3		MATH 212 Discrete Mathematics	3	
CPSC 231 Introduction to File Processing	3		BUED 275 Business Communications	3	
CPSC 311 Systems Analysis and Design	3				
			Minimum total credits to graduate	**124**	

Revised S14

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Computer Science

Computer Science studies the representation, storage, and transformation of data into useful information using electronic computing machines. It affects practically all aspects of contemporary life. The main objects of study are digital computers and the phenomena surrounding them. Work in the discipline is focused on the structure and operation of computer systems, the principles that underlie their design and programming, effective methods for their use in different classes of information processing tasks, and theoretical characterizations of their properties and limitations. Although the field of computer science is relatively young, it is a fast-growing, rewarding discipline. The Computer Science program at EU provides the basic fundamentals of the field in preparing students for immediate entry into the computer industry or for continued study at the graduate level.

Suggested Course Sequencing: Recommended 15 – 18 hours per semester;
however, attending summer school will reduce semester hours.

Freshman year

Semester 1	Cr
CPSC 111 Introduction to Computer Science	3
GSCI 100 University Seminar	1
BIBL 111 Essential Christianity	3
FIN 138 Personal Finance	3
Humanities Elective	3
RHET 205 Effective Communication	3
	16

Semester 2	Cr
CPSC 211 Data Structures	3
MATH 212 Discrete Mathematics	3
BIBL 115 Old Testament Literature	3
FRWK 220 Order	3
PSYC 138 Psychology of Healthy Relationships	3
	15

Sophomore year

Semester 1	Cr
CPSC 215 Assembly Language Programming	3
CPSC 231 Introduction to File Processing	3
BIBL 116 New Testament Literature	3
Natural Science with lab	4
Minor Requirement	3
	16

Semester 2	Cr
CPSC 225 Computer Hardware Organization	3
Second Higher Order Language	3
MATH 210 Statistics	3
FRWK 230 Humanity	3
Minor Requirement	3
	15

Junior year

Semester 1	Cr
CPSC 415 Operating Systems	3
MATH 231 Calculus I (recommended)	4
BUED 275 Business Communications	3
BIBL 360-370 Book Study	3
Minor Requirement	3
	16

Semester 2	Cr
CPSC 311 Systems Analysis and Design	3
CPSC 441 Database Management Systems	3
MATH 232 Calculus II (recommended)	4
FRWK 240 Culture	3
Minor Requirement (Upper Division)	3
	16

Senior year

Semester 1	Cr
CPSC Elective (Upper Division)	3
MATH 331 Linear Algebra (recommended)	3
FRWK 320 Pentecost	3
Social Science Elective	3
Minor Requirement (Upper Division)	3
	15

Semester 2	Cr
CPSC 493 Senior Project	3
ICST 350 Global Connections	3
Natural Science without lab	3
Electives or Minor Requirements (Upper Division)	6-9
	15-18

Total minimum to graduate 124
and must include at least 36 upper division credits

Graduation requires an overall GPA of at least 2.0, and 30 of the 40 final credits must be taken at Evangel.
The listing above only represents a suggested course sequencing as required to graduate with this major. Students are ultimately responsible for their own degree program. An academic advisor is assigned to the student for guidance in these matters, but the responsibility for meeting the requirements belongs to the student.