



Computer Science and Engineering, B.S. (CSE) Major
School of Arts and Sciences - Department of Computer Science
Requirements List for 2013-2014

___ BIBL 1033	Biblical Literature	___ ENGL	Literature Elective (3 hours)
___ BIBL 1043	Biblical Foundations For Living	___ ENGR 1513	Intro. to Engineering Practice I (Fall only)
___ BIBL	Jr.-Sr. Level Elective (3 hours)	___ ENGR 1523	Intro. to Engineering Practice II (Spring only)
___ BIBL	Jr.-Sr. Level Elective (3 hours)	___ HIST	History Elective (3 hours)
___ CEGR 4233	Intro. to Microprocessors and Microcomputers (Fall only)	___ KINE	Physical Activities (1 hour)
___ CEGR 4253	Microcomputer Design (Spring only)	___ KINE 1512	Concepts Of Lifetime Fitness
___ COMM 1113	Intro. To Speech Communication	___ LETU 1101	Cornerstones Of Life And Learning
___ COSC 1303	Computer Science I (1)	___ MATH 1803	Discrete Mathematics (1)
___ COSC 2103	Computer Science II (1)	___ MATH 1903	Calculus I (1)
___ COSC 2203	Data Structures (1)	___ MATH 2013	Calculus II (1)
___ COSC 3303	Computer Architecture (Spring only)	___ MATH 2023	Calculus III
___ COSC 3403	Software Engineering I (Spring only)	___ MATH 2203	Differential Equations
___ COSC 3503	Operating Systems (Spring only)	___ MATH 3303	Linear Algebra (3)
___ COSC 3603	Networks And Data Communications (Fall only)	___ MATH 3403	Statistics
___ COSC 4303	Software Engineering II (Fall only)	___ PHYS 2011	University Physics I Lab (Spring only)
___ COSC 4503	Program Translation (Spring only) (2)	___ PHYS 2013	University Physics I (Spring only)
___ COSC	Jr.-Sr. Level Elective (3 hours)	___ PHYS 2021	University Physics II Lab (Fall only)
___ EEGR 2051	Circuits and Measurements Lab	___ PHYS 2023	University Physics II (Fall only)
___ EEGR 2053	Electric Circuits (1)	___	Cognate Course (3 hours)
___ EEGR 2163	Advanced Circuits (Spring only)	___	Cognate Course (3 hours)
___ EEGR 3213	Digital Electronics	___	Cognate Course (3 hours)
___ EEGR 3314	Electronics and Lab (Fall only)	___	Cognate Course (3 hours)
___ ENGL 1013	English Composition I	___	Fulfill English Proficiency Requirement (0 hours)
___ ENGL 1023	English Composition II		

Total hours: 128

Notes:

- 1: Minimum grade of 'C' required
- 2: COSC 4153 Programming Languages may be substituted for COSC 4503 Program Translation.
- 3: MATH 4403 Numerical Analysis (Fall) or MATH 4503 Statistical Quality Assurance (Spring) may be substituted for MATH 3303.