Computer Science and Engineering, B.S. (CSE) Major

School of Arts and Sciences - Department of Computer Science

Sequence Sheet for 2012-2013

First Semester - Fall 2012 (16 hours)

___ BIBL 1043 Biblical Foundations For Living
___ COSC 1303 Computer Science I (1)
___ ENGL 1013 English Composition I
___ LETU 1101 Cornerstones Of Life And Learning
___ MATH 1803 Discrete Mathematics (1)
___ MATH 1903 Calculus I (1)
___ Fulfill English Proficiency Requirement (0 hours)

Second Semester - Spring 2013 (16 hours)

___ BIBL 1033 Biblical Literature
___ COSC 2103 Computer Science II (1)
___ ENGL 1023 English Composition II
___ MATH 2013 Calculus II (1)
___ PHYS 2011 University Physics I Lab (Spring only)
___ PHYS 2013 University Physics I (Spring only)

Third Semester - Fall 2013 (16 hours)

___ COMM 1113 Intro. To Speech Communication
___ COSC 2203 Data Structures (1)
___ EEGR 2051 Circuits and Measurements Lab
___ EEGR 2053 Electric Circuits (1)
___ ENGR 1513 Intro. to Engineering Practice I (Fall only)
___ MATH 2203 Differential Equations

Fourth Semester - Spring 2014 (17 hours)

___ COSC 3503 Operating Systems (Spring only)
___ EEGR 2163 Advanced Circuits (Spring only)
___ ENGR 1523 Intro. to Engineering Practice II (Spring only)
___ KINE 1512 Concepts Of Lifetime Fitness
___ MATH 2023 Calculus III
___ MATH 3403 Statistics

Fifth Semester - Fall 2014 (17 hours)

___ COSC 3603 Networks And Data Communications (Fall only)
___ EEGR 3213 Digital Electronics
___ EEGR 3314 Electronics (Fall only)
___ MATH 3303 Linear Algebra (2)
___ PHYS 2021 University Physics II Lab (Fall only)
___ PHYS 2023 University Physics II (Fall only)

Sixth Semester - Spring 2015 (16 hours)

___ COSC 3303 Computer Architecture (Spring only)
___ COSC 3403 Software Engineering I (Spring only)
___ KINE Physical Activities
___ BIBL Jr.-Sr. Level Elective (3 hours)
___ COSC Jr.-Sr. Level Elective (3 hours)
___ Cognate Course (3 hours)

Seventh Semester - Fall 2015 (15 hours)

___ CEGR 4233 Intro. to Microprocessors and Microcomputers (Fall only)
___ COSC 4303 Software Engineering II (Fall only)
___ BIBL Jr.-Sr. Level Elective (3 hours)
___ HIST History Elective (3 hours)
___ Cognate Course (3 hours)

Eighth Semester - Spring 2016 (15 hours)

___ CEGR 4253 Microcomputer Design (Spring only)
___ COSC 4503 Program Translation (Spring only) (3)
___ ENGL Literature Elective (3 hours)
___ Cognate Course (3 hours)
___ Cognate Course (3 hours)

Total hours: 128

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