BS in Computer Engineering (BSCpE), 2012-2013 catalog

Updated: 8/21/2012

1104 Intro to Engineering

1310 Intro to Programming (deficiency course, corequisite: MATH 1302)

1105 Intro to CSE

PHYS 1443 Technical Physics I

MATH 1426 Calculus I

1320 Intermediate Programming (corequisite: MATH 1323)

PHYS 1444 Technical Physics II

MATH 2425 Calculus II

1325 Object-Oriented Programming

2320 Algorithms & Data Structures

MATH 3330 Linear Algebra

1325 Object-Oriented Programming

2312 Computer Organization

EE 2440 Circuit Analysis

Pre-professional program: all courses above this line must be completed to enter professional program.

CSE courses below this red line can only be taken after entering professional program. THIS INCLUDES YOUR CSE TECHNICAL ELECTIVES.

3 hours of Math electives

4 hours of Science electives

6 hours of Technical electives

See list of approved courses.

General Education
- Literature (ENGL 2309, 2319, or 2329)
- HIST 1311
- HIST 1312
- POLS 2311
- POLS 2312
- 3 hours Fine Arts elective
- 3 hours Social/Cultural elective

Foreign language (if required, two semesters of the same language)

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CSE courses below this red line can only be taken after entering professional program. THIS INCLUDES YOUR CSE TECHNICAL ELECTIVES.

3 hours of Math electives

4 hours of Science electives

6 hours of Technical electives

See list of approved courses.