CSE 1310 Intro to Programming (corequisite: MATH 1302)

CSE 1320 Intermediate Programming (corequisite: MATH 1323)

CSE 2320 Computer Organization

CSE 2325 Object-Oriented Programming

CSE 2312 Computer Algorithms & Data Structures

CSE 2315 Discrete Structures

MATH 1426 Calculus I

MATH 2425 Calculus II

PHYS 1443 Technical Physics I

PHYS 1444 Technical Physics II

EE 2440 Circuit Analysis

CSE 2441 Digital Logic

CSE 3310 Intro to Software Engineering

CSE 3320 Operating Systems

CSE 4323 Quan. Computer Arch.

CSE 4344 Computer Networks

CSE 3318 Linear Algebra

IE 3301 Engineering Probability and Stats

CSE 3380 Operating Systems

CSE 3313 Signal Processing

CSE 3340 Mobile Systems (see note 1)

Either CSE 4340 or CSE 4342

CSE 4342 Embedded II (see note 1)

CSE 4314 Professional Practices

CSE 4316 Senior Design I

CSE 4317 Senior Design II

CSE 4342 Computer Networks

CSE 4340 Mobile Systems (see note 1)

CSE 3323 Electronics

COMS 2302 Professional and Technical Communication

ENGL 1301

ENGL 1302

MATH 1302

MATH 1323

MATH 1426

MATH 2425

PHYS 1443

PHYS 1444

Physics

Computer Engineering

Intro to Engineering

Intro to CSE

Object-Oriented Programming

Algorithms & Data Structures

Discrete Structures

Calculus I

Calculus II

Technical Physics I

Technical Physics II

Circuit Analysis

Digital Logic

Software Engineering

Operating Systems

Quan. Computer Arch.

Computer Networks

Mobile Systems

Embedded I

Embedded II

Professional Practices

Senior Design I

Senior Design II

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

3 hours Math electives

4 hours of Science electives

3 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

Pre-professional program: all courses above this line must be completed with a C or better to enter professional program.

Upper Classman Line

This includes your CSE TECHNICAL ELECTIVES.

Upper Classman Line

CSE courses below this line can only be taken after entering professional program.

4000 Boundary

Upper Classman Line

Pre-professional program: all courses above this line must be completed with a C or better to enter professional program.

This includes your CSE TECHNICAL ELECTIVES.