College of Engineering
THE UNIVERSITY OF ALABAMA IN HUNTSVILLE

Academic Flowchart

Computer Engineering
2020/2021 (129 Hours)

YEAR ONE

MA 171
Calculus A

CH 121/125
Chemistry I

PH 111/114
Physics I

HSBS/HFA

ENG 101
Comp/Eng Mgmt

FYE 101
FYE for Engineers

YEAR TWO

MA 172
Calculus B

PH 112/115
Physics II

MA 244
Linear Algebra

CPE 299
Adv & Ment I

CPE 211/211L
Intro Comp Prog

EE 202
Digital Logic

CPE 212
Software Eng.

CPE 221
Comp Organization

CPE Elective
300
+ Aprd.

by Advisor

YEAR THREE

MA 201
Calculus C

AG 112/115
Physics II

MA 244
Linear Algebra

CPE 299
Adv & Ment I

CPE 211/211L
Intro Comp Prog

EE 202
Digital Logic

CPE 212
Software Eng.

CPE 221
Comp Organization

CPE Elective
300
+ Aprd.

by Advisor

YEAR FOUR

MA 238
Diff Equations

EE 213
Elec Circuits I

EE 315
Elec Design

CS 214
Discrete Structures

EE 202
Digital Logic

CPE 212
Software Eng.

CPE 221
Comp Organization

CPE Elective
300
+ Aprd.

by Advisor

Legend:

Mathematics

Physics

Chemistry / Biology

Engineering General

Engineering Major

Engineering Elective

College Writing

History, Social & Behavioral Science

Humanity & Fine Art (HSBS/HFA)

Offered only in semester listed

Credit Hours

Prerequisite

Prereq w/concurrency