BS-EE Prerequisite Flowchart, part 1

NOTE: Always check SPIRE for availability, as these offerings can change.

(Fall 2019)                (Spring 2020)

Key: Prerequisite = solid arrow (not vertical)
     Alternative prereq = dashed arrow
     Co-requisite = solid vertical arrow
     Alternative co-req = dashed vertical arrow
     Required for graduation as EE = solid outline
     EE Senior elective = dashed outline

ENGIN 112
Intro. to ECE

ENGLWRIT 112
College Writing

CS 121
Intro Problem Solving (Java)

ECE 221/124
Digital Systems

ECE 211
Circuit Analysis I

ECE 353
Comp. Systems Lab I

ECE 242
Data Structures

ECE 323
Electronics I

ECE 332
Embedded Systems Lab

ECE 333
Fields & Waves

ECE 303
Junior Seminar

ECE 344
Semiconductor Devices

ECE 575
Intro. Analog IC Design

ECE 597BE
BioElectronics

ECE 597AP
Intro. Antennas & Propagation

ECE 571
Microelectronic Fabrication

ECE 597MD
Post-CMOS Devices

ECE 572
Optoelectronics

ECE 584
Microwaves I

ECE 585
Microwaves II

MATH 131
Calculus I

MATH 132
Calculus II

MATH 231
Differential Equations

MATH 233
Multivariate Calculus

MATH 235
Linear Algebra

MATH 231
Differential Equations

ECE 221/124
Digital Systems

ECE 232/331
Hardware Organization

ECE 353
Comp. Systems Lab I

ECE 332
Embedded Systems Lab

ECE 303
Junior Seminar

ECE 575
Intro. Analog IC Design

ECE 597BE
BioElectronics

ECE 597AP
Intro. Antennas & Propagation

ECE 571
Microelectronic Fabrication

ECE 597MD
Post-CMOS Devices

ECE 572
Optoelectronics

ECE 584
Microwaves I

ECE 585
Microwaves II

MATH 131
Calculus I

MATH 132
Calculus II

MATH 331
Differential Equations

MATH 233
Multivariate Calculus

MATH 235
Linear Algebra

MATH 131
Calculus I

MATH 132
Calculus II

MATH 331
Differential Equations

MATH 233
Multivariate Calculus

MATH 235
Linear Algebra

24-Oct-19 12am
BS-EE Prerequisite Flowchart, part 2

Key: Prerequisite = solid arrow
Alternative prereq = dashed arrow
Courses in a sequence not shown = dashed horizontal line
Required for graduation as EE = solid outline
EE Senior elective = dashed outline

NOTE: Always check SPIRE for the availability of ECE 5xx courses, as these offerings can change.