BS-EE Prerequisite Flowchart, part 2

MATH 331
Differential Equations

ECE 212
Circuit Analysis II

ECE 313
Signals & Systems

MATH 235
Linear Algebra

ECE 314
Probability & Random Proc.

ECE 580
Feedback Control
(Fall 2018)

ECE 568
Computer Architecture

ECE 565
Digital Signal Processing
(Spring 2019)

ECE 374
Networks & the Internet

ECE 563
Intro. Comm.

ECE 564
Communication Systems

ECE 373
Software Engineering

ECE 544
Trustworthy Computing

ECE 556
Intro. Cryptography

ECE 547
Security Engineering

ECE 597PP
Parallel Programming

ECE 597RE
Reverse Engineering

ECE 510
Fundamentals of Comp. Engin.

ECE 570
System Software Design

ECE 597MB
Embedded Systems

ECE 568
Intro. VLSI

ECE 587ED
Electricity Infrastructure

ECE 242
Data Structures

ECE 597ED
Electricity Infrastructure

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

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

March 2018