BS-CompE Prerequisite Flowchart

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 CompE = solid outline
- CompE elective = dashed outline

NOTE: Check SPIRE for availability, as well as a complete list of prerequisites, notes, and recommendations for ALL ECE 5xx courses. (Prerequisites that are required courses are not shown.)
BS-CompE Prerequisite Flowchart (continued)

CompE 21+
Computer Engineering
Classes of 2021 and beyond

(Fall 2022)                (Spring 2023)

ECE 597IP
Image Processing

ECE 597ML
Machine Learning for Engineers

ECE 565
Digital Signal Processing

ECE 654
Communication Systems

ECE 565
Signal Processing Methods

ECE 311
Intermediate Electronics

ECE 315
Circuits & Electronics II

ECE 310
Circuits & Electronics II

ECE 559
VLSI Design Project

ECE 558
VLSI Design Principles

ECE 572
Opto-Electronics

ECE 571
Microelectronic Fabrication

NOTES:

- Check SPIRE for the availability of ECE 5xx courses, as these offerings can change.

- Check SPIRE also for prerequisites, notes and recommendations for all ECE 5xx courses, as the prerequisites are might NOT be shown if they are required 200- or 300-level courses.

ECE 597IP
Image Processing

ECE 597ML
Machine Learning for Engineers

ECE 565
Digital Signal Processing

ECE 654
Communication Systems

ECE 565
Signal Processing Methods

ECE 311
Intermediate Electronics

ECE 315
Circuits & Electronics II

ECE 310
Circuits & Electronics II

ECE 559
VLSI Design Project

ECE 558
VLSI Design Principles

ECE 572
Opto-Electronics

ECE 571
Microelectronic Fabrication

ECE 213
Continuous-Time Signals & Sys.

ECE 396S

ECE 565
Digital Signal Processing

ECE 315
Signal Processing Methods

ECE 310
Circuits & Electronics II

ECE 558
VLSI Design Principles

ECE 580
Feedback Control

ECE 580
Feedback Control

ECE 244
Modern Physics & Materials for EE

ECE 333
Fields & Waves I

ECE 572
Opto-Electronics

ECE 344
Fundamentals of Semiconductors

ECE 334
Fields & Waves II

ECE 571
Microelectronic Fabrication

ECE 214
Probability & Statistics

Physics II

ECE 152
Physics II

ECE 201
Analytical Tools for ECE

ECE 210
Circuits & Electronics I

ECE 231
Intro. Embedded Systems

ECE 571
Microelectronic Fabrication

[PHYSICS 152]

[16-Oct-22 4:00pm]