

Curriculum UPDATE:

**Changes to Prerequisite/Corequisites
 Effective Fall 2020***

New curriculum maps are on the ECE website. Please use them when planning your courses.
https://www.clemson.edu/cecas/departments/ece/resources/undergrad_resources/curriculum.html

***required courses with changes to prerequisites/corequisites:**

Course	Course Name	Prerequisite(s)	Prerequisite(s) or Concurrent Enrollment
ECE 2010 ¹	Logic and Computing	SOPH Standing	
ECE 2020 ¹	Circuits I	MATH 1080	PHYS 2210
ECE 2620 ¹	Circuits II	ECE 2020, MATH 2060, PHYS 2210	
ECE 3710 ¹	Microcontroller Interfacing	ECE 2720	ECE 2620
ECE 3800 ¹	Electromagnetics	ECE 2020, MATH 2060, PHYS 2210	ECE 2620
ECE 3810 ¹	Fields, Waves and Circuits	ECE 2620, ECE 3800, MATH 2080	
ECE 4950 ¹	Integrated Systems Design I	EE: ECE 3200, ECE 3300, ECE 3710, ECE 3800 CPE: ECE 2230, ECE 3200, ECE 3220, ECE 3300, ECE 3710	ECE 4090
ECE 4960	Integrated Systems Design II	EE: ECE 3210, ECE 3600, ECE 3810, ECE 4090, ECE 4950 CPE: ECE 3270, ECE 3520, ECE 4090, ECE 4950	

***effective Fall 2020, these prerequisites are enforced for ALL students regardless of academic year or major.**

¹ a C or better is required in this course if it is a prerequisite for another course in your curriculum.

***Technical Elective options with changes to prerequisites/corequisites:**

Course	Course Name	Prerequisite(s)	Prerequisite(s) or Concurrent Enrollment
ECE 4040	Semiconductor Devices	ECE 3200	
ECE 4060	Intro to Microelectronics Processing	ECE 3200	
ECE 4190	Electric Machines and Drives	ECE 3210, ECE 3600, ECE 3800	
ECE 4320	Instrumentation	ECE 3210	
ECE 4360	Microwave Circuits	ECE 3810	
ECE 4390	Fiber Optics	ECE 3810	
ECE 4460	Antennas and Propagation	ECE 3300, ECE 3810	
ECE 4590/4591	Integrated Circuit Design & Lab	ECE 3200	
ECE 4600	Computer-Aided Analysis and Design	ECE 2620	

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