

# MINOR IN COMPUTING AND EMBEDDED DEVICES

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## Program of Study

The Computing & Embedded Devices minor must comprise at least 17 credit hours of computer science coursework of which at least 9 credit hours must be at the 3000 level or higher.

A CS Minor application is required.

Code	Title	Credit Hours
<b>Prerequisite</b>		
CS 1331	Introduction to Object Oriented Programming <sup>1</sup>	
<b>Required Courses</b>		
CS 2110	Computer Organization and Programming <sup>2</sup>	4
CS 2200	Computer Systems and Networks	4
CS 3251	Computer Networking I	3
	Select one of the following sequences: <sup>3</sup>	6
CS 3651	Prototyping Intelligent Devices (and one CS course from Devices in the Real World)	
	One CS 3000/4000-level course from one of the elective categories in the Embedded Devices Thread.	
<b>Total Credit Hours</b>		<b>17</b>

<sup>1</sup> CS 1331 prerequisite for the minor required (this course **does NOT** count toward the 17 credit hours required for minor) and a grade of A or B is required

<sup>2</sup> ECE students with credit for ECE 2035 and either ECE 2020 or may substitute one CS 3000/4000 level Intelligence Thread course for CS 2110 and complete the minor with 16 hours instead of 17.

- No Special Problems or Internship coursework may be used towards the CS minor.
- A grade of A or B is required for CS 1301/CS 1315/CS 1371 and CS 1331. All other minor courses must be completed with a grade of C or higher.
- Only CS courses are included in the minor.
- A maximum of 3 credit hours of transfer credit may be used to satisfy the course requirements for a minor. This includes courses taken at another institution or credit earned through the AP or IB program, assuming the scores meet Georgia Tech minimum standards.