

## Popular ECE Minors

### *Electrification of Transportation*

(15 credits minimum)

A minor in Electrification of Transportation requires ECE 4710 plus 12 additional credits selected from the following: ECE 4160, ECE 4190, ECE 4310, ECE 4320, ECE 4420, ECE 4490, ECE 4700, ECE 4730, AUE 4010, ME 4170, ME 4250, ME 4510, ME 4520, ME 4530, CE 3110, CE 4100, CE 4120, CHE 4160, and ECE 4980. A maximum of 3 credits of ECE 4980 can contribute to the minor.

For more information, please contact Dr. Raj Singh, [srajend@clemsun.edu](mailto:srajend@clemsun.edu)

### *Computer Science*

(16 credits minimum)

A minor in Computer Science requires [CPSC 2120](#)\* and 12 additional credits in computer science, at least nine of which must be at the 3000 level or higher.

\*Note that before enrolling in [CPSC 2120](#), students must have completed a two-semester introductory computer science course sequence ([CPSC 1010/CPSC 1020](#) or [CPSC 1110/CPSC 1020](#) or [CPSC 1060/CPSC 1070](#)).

For more information, please contact Dr. Harlan Russell, [harlanr@clemsun.edu](mailto:harlanr@clemsun.edu)

### *Cybersecurity*

(15 credits minimum)

The Cybersecurity minor provides students the opportunity to complete a deeper examination of cybersecurity topics than is typical for a conventional degree. The minor requires a minimum of 15 credits. Students select one of two paths of study and complete all courses from that path, as well as an additional course selected from the approved cybersecurity course list. Please note that prerequisites for courses on Path I include [CPSC 2120](#), [CPSC 2150](#), [CPSC 3220](#), and [CPSC 3600](#). Prerequisites for courses on Path II include [ECE 2230](#), [ECE 2720](#), [ECE 3170](#), and [ECE 3220](#). Some courses on the cybersecurity course list may also have prerequisites. Please check course descriptions for detailed prerequisite information.

Select one of the paths below.

**Path I:** [CPSC 2920](#), [CPSC 4200](#), [CPSC 4240](#), [CPSC 4620](#), and one additional course selected from the cybersecurity course list.

**Path II:** [CPSC 4200](#), [CPSC 4620](#), and [ECE 4490](#); either [ECE 4380](#) or [ECE 4400](#); and one additional course selected from the cybersecurity course list.

**Cybersecurity Course List:** [CPSC 2920](#), [CPSC 4140](#), [CPSC 4180](#), [CPSC 4200](#), [CPSC 4240](#), [CPSC 4620](#), [ECE 4270](#), [ECE 4380](#), [ECE 4400](#), [ECE 4490](#), [ECE 4550](#), [ECON 4220](#), [MATH 2190](#), [MATH 4100](#), [MGT 3180](#), [MGT 4360](#), [MGT 4540](#), and [MGT 4550](#)

For more information, please contact Dr. Harlan Russell, [harlanr@clemsun.edu](mailto:harlanr@clemsun.edu)