Electrical Engineering
Technical Electives

A. Professional Emphasis (24 credits required)

Each student shall complete a total of 24 credits from the list below, as follows:

1. At least one emphasis, consisting of one of: EE 4040, EE 4050, EE 4350, EE 4450, or EE 4750 from the chosen emphasis and at least 4 more credits at the 4000 level from that emphasis area.

2. At least one more course from the above list outside of the chosen emphasis.

The following are the list of courses in each emphasis:

Communications and Electronics: EE 3130, EE 3780, EE 4040, EE 4050, EE 4430, EE 4610, EE 4620, EE 4630, EE 4010, EE 4020, EE 4980*, EE 4990*

Computers: EE 3130, EE 3780, EE 4720, EE 4750, EE 4980*, EE 4990*

Controls: EE 3410, EE 3780, EE 4310, EE 4320, EE 4350, EE 4980*, EE 4990*

Power and Energy: EE 3410, EE 3780, EE 4430, EE 4440, EE 4450, EE 4980*, EE 4990*

*NOTE: Only by approval of the chairperson

B. Engineering Science Electives (6 credits required)

GE 2130 Statics (3 credits)
GE 2220 Dynamics (2 credits) or GE 2230 Dynamics (3 credits)
GE 2340 Mechanics of Materials (4 credits)
GE 2630 Basic Thermoscience (3 credits) or ME 2630 Thermodynamics* (3 credits)
MSNT 3940 Principles and Applications of Nanotechnology (3 credits)

*NOTE: Only by approval of the ME chairperson

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