Qualified Binghamton University students with Bachelor of Science in Physics are admitted on a conditional basis until the undergraduate ECE course(s) needed to fill the gap are taken.

**Students specializing in Electrical Engineering need:**

**Required:**
- ECE260 Electric circuits
- ECE301 Signals & Systems

Choose 2 out of the 5 below:
- ECE315 Electronics I
- ECE332 Semiconductor Devices
- PHYS 331/332 Electromagnetic Theory I/II
- EECE 377 Communication Systems
- PHYS 472/572 Solid State Physics

**Students specializing in Computer Engineering need:**

**Required:**
- ECE251 Digital logic design
- ECE260 Electric circuits
- EECE351 Digital Systems [http://www.binghamton.edu/ece/contact-us.html](http://www.binghamton.edu/ece/contact-us.html)

Choose 2 out of the 4 below:
- CS211 Programming I for Engineers
- ECE287 Computer organization and microprocessors
- ECE301 Signals & Systems
- EECE 352 Computer Architecture

This information is for Binghamton University students. ECE260 is offered as a distance learning course through our Electrical and Computer Engineering Department each summer. ECE 301 can be taken as an Independent Study.