**Computer Engineering**

**Bachelor of Computer Engineering**

**FRESHMAN**
- Familiarize yourself with engineering requirements and explore interest areas.
- Gateway courses: MATH 1610/1620, PHYS 1600/1610, ENGR 1110/1100, COMP 1210 Java

**SOPHOMORE**
- Maintain a good GPA, seek academic support early and often.
- Discuss course plan with your departmental advisor and have PIN reset.
- Gateway courses: ELEC 2210, ELEC 2220 and COMP 2710

**JUNIOR**
- Discuss course plan and appropriate electives with your departmental advisor, have PIN reset.
- Gateway courses: ELEC 3050 and ELEC 4200
- Begin to synthesize materials and skills to complete senior design project.
- Meet with your departmental advisor to register for classes and have your PIN reset.
- Schedule a graduation check with an academic advisor in Engineering Student Services the semester before you graduate.

**SENIOR**
- Continue to take advantage of academic support services across campus.
- Meet with someone in Engineering Career Connections and/or University Career Center to explore company options, receive individualized assistance and update your resume and cover letter.
- Use Departmental in major tutoring program as needed.
- If pursuing graduate school get involved with undergraduate research projects.
- Attend the Engineering & Technology Career Fair, All Majors Career Fair and/or Engineering and University wide tours.
- If invited, consider attending bridge programs to work with summer camps and/or engineers.
- Seek out opportunities to work with summer camps and/or bridge programs.
- Continue to receive career guidance and preparation from the AU Career Center and Engineering Career Connection.
- Meet with Graduate Advisors in your department to learn about graduate opportunities.

**COURSE SELECTION**
- Meet with your pre-engineering academic advisor each semester to discuss class schedule, academic plan and have your PIN reset.
- Check out free ESS tutoring to get off to a strong start. (eng.auburn.edu/current-students)
- Academic Support provides several free resources to improve performance including Study Partners, Supplemental Instruction and academic coaching. (auburn.edu/academicupport)

**ASK FOR ASSISTANCE**
- Familiarize yourself with engineering requirements and explore interest areas.
- Gateway courses: MATH 1610/1620, PHYS 1600/1610, ENGR 1110/1100, COMP 1210 Java

**GAIN EXPERIENCE**
- Attend Co-op orientation
- Attend Internship and Part Time Fall and/or Spring semester
- Visit the Engineering Career connections office to help build a resume, find out about internships and on campus recruiting activity
- Participate in an internship or Co-op, this adds valuable experience to your resume.
- Use Handshake to explore employers actively hiring in your field and search part-time jobs that can add experience to your resume.

**GET INVOLVED**
- Check out AU Involve (auburn.edu/auinvolve) to identify organizations of interest.
- Check out Electrical Engineering opportunities like IEEE (eng.auburn.edu/current-students)

**Career Planning**
303 Mary Martin Hall | career.auburn.edu
The program equips students to enter into fields concerning the design, production, and testing of computer hardware. Candidates will often enter into specialty areas such as computer system design, computer architecture, and information networks. Candidates will want to seek out opportunities to develop practical skills throughout their education.

**University Career Center**
303 Mary Martin Hall | career.auburn.edu

**Career Connections**
1301 Shelby Center | 334.844.4310 | eng.auburn.edu

**Program Requirements**
- Minimum Education: B.S./B.E.E.

**Major Options**
- ASIC Design Engineer
  - Minimum Education: B.S./B.E.E.
  - Entry Level Salary Range: $67.9K - $92.1K
- MicroProcessor Designer
  - Minimum Education: B.S./B.E.E.
  - Entry Level Salary Range: $73.9K - $100.8K
- Data Communications Specialist
  - Minimum Education: B.S./B.E.E.
  - Entry Level Salary Range: $58.2K - $89.4K

**Career Options**
These are just three options out of many that electrical engineering majors pursue. For more career options be sure to check out "What Can I Do With a Major In..." on auburn.edu/career.