**PATHWAYS | Electrical Engineering**

**Bachelor of Electrical Engineering**

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**COURSE SELECTION**

**FRESHMAN**
- Familiarize yourself with engineering requirements and explore interest areas.
- Gateway courses: MATH 1610/1620, PHYS 1600/1610, ENGR 1110/1100, COMP 1200 C Programming.

**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 2120, ELEC 2210 and MATH 2660.

**JUNIOR**
- Discuss course plan and appropriate electives with your departmental advisor; have PIN reset.
- Gateway courses: ELEC 3030 and ELEC 3040.
- Begin to synthesize materials and skills to complete senior design project.
- Meet with your departmental advisor to register for classes and reset your PIN.

**SENIOR**
- Schedule a graduation check with an academic advisor in Engineering Student Services the semester before you graduate.
- 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/academicsupport)

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**ASK FOR ASSISTANCE**

- 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)
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**GAIN EXPERIENCE**

- Attend CO-OP orientation
- Attend Internship and Part-Time Fair-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.
- Consider study abroad opportunities and seek out undergraduate research projects
- Attend professional development conferences, the STEM Career Expo, take industry tours
- If pursuing graduate school get involved with undergraduate research projects
- Attend the STEM Career Expo, All Majors Career Fair and/or the Graduate and Professional School Fair

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**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)
- Volunteer for engineering and campus events such as E-Day and BEST robotics
- Pursue leadership roles in an Engineering and University wide organizations to gain experience and enhance your resume
- If invited, consider joining Eta Kappa Nu, the International Honor Society for Electrical Engineers
- Seek out opportunities to work with summer camps and/or bridge programs
- Become involved with departmental alumni as a resource for job opportunities, internships and post-graduate work.

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**Career Planning**

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

The program provides a broad course offering for individuals to pursue a variety of opportunities post graduation. Specifically, this program provides emphasis in circuit analysis, communications, control systems, digital computer design, electronics, electromagnetics, and power systems. Look for opportunities to explore outside of the classroom for best fit.

**Electrical Energy Transmission Engineer**

**Minimum Education:**

**Entry Level Salary Range:** $52.0K - $81.5K

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...” onauburn.edu/career.

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Auburn University Career Center
303 Mary Martin Hall
Career Planning
Auburn University Career Center
Resources to improve performance

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