### PATHWAYS | Wireless Engineering

Bachelor of Wireless Engineering  
Wireless Hardware option

#### 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.
- Maintain a good GPA, seek academic support early and often.
- Discuss course plan with your departmental advisor and have PIN reset.
- Gateway courses: ELEC 2110/2120/2200/2210 and MATH 2660.

#### SOPHOMORE
- Discuss course plan and appropriate electives with your departmental advisor; have PIN reset.
- Gateway courses: ELEC 3310/3320/3800/3400.
- 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.

#### JUNIOR
- Know all areas of academic support to improve your performance: free tutoring, group and Study Partners.
- Visit the Eng Career connections office to help build a resume, find out about internships and on campus recruiting activity.
- Meet with your departmental advisor to register for classes in your major field.
- Meet with someone in Engineering Career Connections and/or University Career Center (UCC) to explore career options, receive individualized assistance and update your resume and cover letter.
- Meet with someone in the UCC to explore career options, receive individualized assistance and update your resume and cover letter sample.

#### SENIOR
- Meet with your departmental advisor each semester to discuss class schedule, academic plan and have your PIN reset.
- Check out free tutoring, study partners and academic coaching to get off to a strong start.
- Attend Co-op orientation.
- Attend Internship and Part-Time Job Fair - Fall and/or Spring semester.
- Use Handshake to explore employers actively hiring in your field and search part-time jobs that can add experience to your resume.
- Participate in an internship or Co-op, this adds valuable experience to your resume.
- Attend the Engineering & Technology Career Fair, All Majors Career Fair and/or University Career Fair - Fall and/or Spring semester.
- Attend Co-op orientation.
- Attend professional development conferences, the Engineering & Technology Career Fair, take industry tours.
- If pursuing graduate school get involved with undergraduate research projects.
- Attend the Engineering & Technology Career Fair, All Majors Career Fair and/or the Graduate and Professional School Fair.

### GAIN EXPERIENCE

#### Entry Level Salary Range: $56.4K - $82.1K
Minimum Education: B.W.E.

#### Entry Level Salary Range: $49.5K - $79.1K
Minimum Education: B.W.E.

#### Entry Level Salary Range: $46.8K - $66.1K
Minimum Education: B.W.E.

### GET INVOLVED
- Check out the engineering student organizations in your area of interest like the Institute of Electrical and Electronics Engineers (IEEE). For a full list see http://www.eng.auburn.edu/elec/programs/student-orgs.html
- Volunteer for engineering and campus events such as E-Day and BEST robotics.
- Utilize AUinvolve(auburn.edu/auinvolve) to identify organizations of interest to attend meetings and enhance your resume.
- 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.
- You may 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.

### CAREER PLANNING

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

This program prepares students to enter the rapidly growing wireless industry. The program allows students to specialize in one of two tracks: wireless hardware and wireless software. Graduates work in a variety of roles including: telecommunications, manufacture and design, and others.

**Radio Frequency Engineer**
Minimum Education: B.W.E.
Entry Level Salary Range: $56.4K - $82.1K

**Wireless Communications Engineer**
Minimum Education: B.W.E.
Entry Level Salary Range: $49.5K - $79.1K

**Antenna Design Engineer**
Minimum Education: B.W.E.
Entry Level Salary Range: $46.8K - $66.1K

These are just three options out of many that wireless engineering majors pursue. For more career options be sure to check out “What Can I Do With a Major In...” onauburn.edu/career.