**PATHWAYS | Wireless Engineering**

**Bachelor of Wireless Engineering**

**Wireless software track**

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**FRESHMAN**

- Familiarize yourself with engineering requirements and explore interest areas.
- Gateway courses: MATH 11610/1620, PHYS 1610/1610, ENGR 1110/1100, COMP 1210 Java
- Discuss course plan with your departmental advisor after moving into major and have PIN reset.
- Gateway courses: COMP 2210, ELEC 2110, ELEC 2200, ELEC 2220, COMP 2710, COMP 3350

**SOPHOMORE**

- Discuss course plan and appropriate electives with your departmental advisor; have PIN reset.
- Progression courses: COMP 2510, COMP 3710, (Spring only Jr. Year), ELEC 3400, ELEC 3800
- Continue Developing Knowledge through more sophisticated and in-depth computing courses.
- Begin to synthesize materials and skills to complete senior design project
- Meet with your departmental advisor to register for classes in your major field
- Meet with someone in Engineering Career Connections and/or AU Career Center to explore company options, receive individualized assistance and update your resume and cover letter.
- Take advantage of Dr. Seals in major tutoring program
- Meet with someone in the AU career center to explore career options, receive individualized assistance and update your resume and cover letter sample.
- Meet with Graduate Advisors in your department to learn about graduate opportunities
- Complete graduation check in Engineering Student Services the semester before you expect to graduate.

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**JUNIOR**

- Know all areas of departmental and university academic support to improve your performance: free tutoring, group, and Study Partners
- Meet with your pre-engineering academic 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
- Meet with your departmental advisor to register for classes in your major field
- Continue to work in a variety of roles including: telecommunications, manufacture and design, and others.

**SENIOR**

- Attend CO-OP orientation
- Attend Internship and Part-Time Job Fair – Fall and/or Spring semester
- Visit the Eng 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.
- Attend career fairs and departmental info sessions/Tech Talks to begin networking and gain insight into different areas of computing.
- 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.
- Begin to attend Career Fairs and Department Information Sessions to obtain a possible internship for summer and gain experience with the hiring process
- Attend the STEM Career Expo, All Majors Career Fair and/or the Graduate and Professional School Fair

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**Career Planning**

**Auburn University Career Center**

303 Mary Martin Hall |auburn.edu/career

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.

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**Systems Architect**

**Minimum Education:** B.W.E.  
**Entry Level Salary Range:** $60.0K - $83.9K

**Wireless Communications Engineer**

**Minimum Education:** B.W.E.  
**Entry Level Salary Range:** $58.2K - $89.4K

**Software Developer**

**Minimum Education:** B.W.E.  
**Entry Level Salary Range:** $60.5K - $95.3K

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...” on auburn.edu/career.

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**ASK FOR ASSISTANCE**

- Meet with someone in the AU career center to learn about graduate opportunities.
- Meet with your pre-engineering academic advisor each semester to discuss class schedule, academic plan and have your PIN reset.

**GAIN EXPERIENCE**

- Visit the Eng 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.
- Attend career fairs and departmental info sessions/Tech Talks.
- Consider application to Cupola Engineering Ambassadors.

**GET INVOLVED**

- Check out the engineering student organizations in your area of interest like The Association of Computer Machinery (ACM) and others.
- 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.
- Continue involvement in ACM with participation in programming competitions and individual hackathons.
- Consider application to Cupola Engineering Ambassadors.

**Mary Martin Hall, home of the Auburn University Career Center**

Updated May 26, 2016

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**Samuel Ginn College of Engineering** 1301 Shelby Center | 334.844.4310 | eng.auburn.edu