**Computer Science**

**Bachelor of Science in Computer Science**

**COURSE SELECTION**

**FRESHMAN**
- Familiarize yourself with engineering requirements and explore interest areas.
- Gateway courses: MATH 1610/1620, Science sequence (from approved list), ENGR 1110, COMP 1210.
- Maintain a good GPA, seek academic support early and often.
- Discuss course plan with your departmental advisor after moving into major and have PIN reset.
- Gateway courses: COMP 2210, COMP 2710, COMP 3350, COMP 3240 (Pre-req for COMP 4200 which is Fall only)
- Discuss course plan and appropriate electives with your departmental advisor; have PIN reset.
- Continue Developing Knowledge through more sophisticated and in-depth computing courses.
- Progress toward Graduation courses: COMP 3500, 3700
- Complete graduation check in Engineering Student Services the semester before you expect to graduate.
- Begin to synthesize materials and skills to complete optional senior design project.
- Meet with your departmental advisor as early as possible to register for classes and have your PIN reset.
- Progression courses: COMP 4320, COMP 4200 (Fall only)

**SOPHOMORE**
- Continue to take advantage of academic support services across campus.
- Use Departmental in major tutoring program.
- 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.
- Continue to receive career guidance and preparation from the University Career Center and Engineering Career Connection.
- Meet with Graduate Advisors in your department to learn about graduate opportunities.

**JUNIOR**
- Consider study abroad opportunities.
- Attend professional development conferences, the Engineering & Technology Career Fair, take industry tours.
- Continue to attend Career Fairs and other career-related events.
- Attend Internship and Part Time Fair-Fall and/or Spring semester.
- Participate in an internship or Co-op, this adds valuable experience to your resume.
- Attend career, intern and part-time job fairs and departmental info sessions/tech talks to begin networking and gain insight into different areas of computing.
- Use Handshake to explore employers actively hiring in your field and find part-time jobs that can add experience to your resume.

**SENIOR**
- 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)
- Continue to receive career guidance and preparation from the University Career Center and Engineering Career Connection.
- Attend the Engineering & Technology Career Fair, AU Career Fair and/or the Graduate and Professional School Fair.
- Attend Co-op orientation.
- Attend Internship and Part Time Fair-Fall and/or Spring semester.
- Participate in an internship or Co-op, this adds valuable experience to your resume.
- Attend career, intern and part-time job fairs and departmental info sessions/tech talks to begin networking and gain insight into different areas of computing.
- Use Handshake to explore employers actively hiring in your field and find part-time jobs that can add experience to your resume.

**ASK FOR ASSISTANCE**

- Check out the engineering student organizations in your area of interest like The Association of Computer Machinery (ACM) and IEEE-CS (eng.auburn.edu/current-students)
- 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 to add to your resume.
- Consider application to Cupola Engineering Ambassadors.
- Participate in an internship or Co-op, this adds valuable experience to your resume.
- Attend the Engineering & Technology Career Fair, take industry tours.
- Continue to attend Career Fairs and departmental info sessions/tech talks to begin networking and gain insight into different areas of computing.
- Use Handshake to explore employers actively hiring in your field and find part-time jobs that can add experience to your resume.

**GAIN EXPERIENCE**

- Consider study abroad opportunities.
- Attend professional development conferences, the Engineering & Technology Career Fair, take industry tours.
- Continue to attend Career Fairs and other career-related events.
- Attend Internship and Part Time Fair-Fall and/or Spring semester.
- Participate in an internship or Co-op, this adds valuable experience to your resume.
- Attend career, intern and part-time job fairs and departmental info sessions/tech talks to begin networking and gain insight into different areas of computing.
- Use Handshake to explore employers actively hiring in your field and find part-time jobs that can add experience to your resume.

**GET INVOLVED**

- Check out the engineering student organizations in your area of interest like The Association of Computer Machinery (ACM) and IEEE-CS (eng.auburn.edu/current-students)
- Utilize AUInvolve (auburn.edu/auinvolve) to identify organizations of interest to attend meetings and enhance your resume.
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**Career Planning**

**University Career Center**

303 Mary Martin Hall | career.auburn.edu

The program provides excellent preparation for students seeking careers in software-related computing fields. Coursework includes theoretical computer science, software construction, operating systems and net-centric computing. Applicants will want to take on experiential roles in their college career.

**Web Developer**
- Minimum Education: B.S.
- Entry Level Salary Range: $29.6K - $49.8K

**Computer Systems Analyst**
- Minimum Education: B.S.
- Entry Level Salary Range: $49.8K - $78.0K

**Database Administrator**
- Minimum Education: B.S.
- Entry Level Salary Range: $41.5K - $72.0K

These are just three options out of many that computer science majors pursue. For more career options be sure to check out “What Can I Do With a Major In…” on auburn.edu/career.