B.S. Computer Science and Engineering

UC DAVIS COMPUTER SCIENCE

CSE Checklist | CSE Sample Schedule

MAJOR MAP

	1ST YEAR	2ND YEAR	3RD YEAR	4TH OR FINAL YEAR
UNDERSTAND BROADER PERSPECTIVES	Explore self, including personality, strengths, interests, and skills. Take initiative and gain confidence in your ability to make **independent** decisions.	Consider if study abroad fits into your education. Volunteer with a community organization that helps others in need.	Study or intern abroad, if relevant. Build your intercultural competence by getting involved with other cultures or by improving your language skills.	Prepare for work or studies in a foreign country and research possible visa regulations. Pursue position types that fit your career goals and current background.
CREATE CONNECTIONS	Build your network! Join a targeted professional association, club, or organization or participate in a hackathon.	Begin networking with professionals in targeted field. Consider volunteering with a community organization related to your major.	Do some targeted networking with alumni working in careers of interest. Attend department-sponsored professional presentations. Consider a leadership position in a professional association/club/organization.	Connect with people who can help you materialize post-graduation plan. Debrief with major and faculty advisors.
DEVELOP SKILLS THROUGH EXPERIENCE	Explore connections between careers and majors. Explore student organizations (Davis CS Club, Women in CS, and HackDavis) to join.	Log into Handshake to consider an on- or off-campus job for experience. Visit the Internship and Career Center (ICC); Learn how to write a proper resume, cover letter, and thank you note.	Apply for an internship or pursue research opportunities with faculty members. To earn units for your internship/research visit this website.	Investigate requirements for full-time jobs or other opportunities related to careers of interest. Assess experiences you are lacking and fill in gaps with volunteering, clubs, internships.
CSE COURSEWORK	Begin taking your lower division ECS courses (ECS 36ABC, 20, 50), MAT, and science courses. Utilize CS Tutoring to excel in your ECS classes!	Finish up your lower division coursework and begin thinking about upper division CSE elective options that interest you.	Begin taking upper division core courses and electives based on career/personal interests. Request a degree check from CS advising to see your progress in the major.	Finish up coursework and request a degree check from the CS advising team to confirm your graduation status.
GO! BUILD YOUR FUTURE	Struggling with career or program decisions? Visit with the Internship and Career Center (ICC) and attend Career Fairs during the year.	Create a LinkedIn profile, build out LinkedIn connections, develop 10-15 second elevator pitch on who you are, conduct internship/job search, develop a list of references.	Begin to streamline your career focus area. Research education and experience requirements for careers of interest. If needed, prepare to take a grad school test.	Solidify post-graduation plan and apply for jobs or graduate school. Get help from the ICC with job searching, resumes, letters, interviews, grad school apps, etc. Complete the **Undergrad Exit and First Destination Exit Surveys!**

CONSIDER A SUMMER JOB OR INTERNSHIP

Where could I go after graduation?

- Artificial Intelligence
- Computer Programmer
- Data Scientist
- Database Administrator
- Hardware Engineer
- High School Educator
- IT Architect
- Information Researcher
- Network Administrator
- Software Developer
- Software Engineer Systems
- Manager Systems Analyst
- Security Analyst Technical
- Support Web Developer

*Some careers may require additional training