

# COMPUTER SCIENCE

BA, 12 COURSES | BS, 17 COURSES

**PREPARING FOR YOUR FIRST JOB +  
THE FUTURE OF WORK**

## IN THIS MAJOR YOU'LL LEARN TO:

- Demonstrate knowledge of the fundamental science, mathematics, and processes that underlie computation and computer science
- Analyze computational systems using appropriate practical and theoretical models
- Design, implement, and test and validate computational systems subject to appropriate requirements and external constraints
- Exhibit appreciation and knowledge of the cultural, ethical, societal, and environmental contexts of computing and the responsibilities of computing professionals

*And so much more! Faculty and advisors are here to help you get the most out of your program and how it may apply to different career paths*

## TOP SKILLS EMPLOYERS WANT:

Teamwork  
Critical thinking  
Analyze + interpret data  
Adaptability + resiliency  
Written + verbal communication  
Ethical judgement + reasoning  
Problem-solving  
Intercultural fluency  
Creativity  
Leadership

*A lot of people said so: World Economic Forum, McKinsey Consulting future of work report, National Association of Colleges + Employers, UR College Competencies*

## WHERE COMPUTER SCIENCE MAJORS END UP

Internet & Software  
Electronic & Computer Hardware  
Investment Banking

Defense  
Higher Education  
Healthcare

Carnegie Mellon University  
UC-San Diego  
Univ. of Southern California

*Based on real UR student + alumni data!*

## WAYS TO TELL YOUR STORY:

*Resources to help you tell your UR story!*

- Your Greene Center advisor
- Resume + Handshake profile
- LinkedIn + Mel Collective profiles
- Practice interviews
- A flexible and evolving plan
- Talk to people! Friends, family, advisors, faculty, alumni... it will help you refine your story!

## HOW TO BUILD THESE SKILLS:

- Get an on-campus job
- Take a skill development course
- Pursue an internship
- Conduct research with a faculty member
- Volunteer in the community
- Get involved in student organizations
- Do a virtual project
- Be curious and try new things

*Not sure where to start?  
The Greene Center can help!*

