

ADVISING AND ACADEMIC SUCCESS IN CS

Fall 2022

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CS Advising and Student Success

- Advising Today and Goals for the Future
 - The CS Advising Team
- What have I seen in my four years in the department
 - Curriculum changes
 - Undergraduate Research and Career Support Specialist added
- The Pandemic Years
 - Online classes delayed maturity
 - Quality of Online Learning/Teaching
 - Student from the pandemic years had a harder time meeting people and connecting to the university.
- What Is Important to Students in Jobs

Advising Today

Advisors meet with students about:

- Academic Concerns
- Personal Concerns
- Probation
- Check-ins
- Internships
- Research
- Schedule Changes/Modifications
- Academic Long-Term Planning
- Study Abroad
- **Course Registration (required)**

What Does Adding a New Advisor Mean?

- Currently I have a case load of 250 students.
- Adding a new advisor will reduce my case load to 225-230 students.
- What does that mean for me and CS students?
 - I have more time to see students.
 - I can address more of their needs
 - I can meet with students for more than just course registration
 - Appreciative vs Prescriptive advising

Student Experience

- In-Person CS Career Fair is back!
- Harder to meet people
- Harder to connect to university
- Online learning
 - Online CS classes (return to classroom, Compilers)
 - Quality of online learning/teaching

The Pandemic Years

Incoming Class

- Studies show online learning delayed maturity (disruptions in classroom)
- Increased e-mail volume
 - Habit from online learning?
 - Increased screen time?
 - Additional needs/assistance?

Questions about quality of online learning.

- Retaking classes
- Struggling in classes

Job Searches

- Determine what is important to you:
- **Size** (small or large)
- **Location**– near home, west coast, etc.
- **Industry**—tech, healthcare, manufacturing, etc.
- **Area of interest/academic area** (security, machine learning, etc.)
- **Culture** (structured or open, collaborative, etc.)
- **Who do they hire**—do they sponsor?

Ranjani Rao

- Undergraduate Research and Career Development Specialist
- Works with students in:
 - Researching careers and graduate schools
 - Developing a career plan
 - Learning about research opportunities
 - Resume and cover letter development
 - Behavioral interview preparation

Changes for the Good

Vertically Integrated Projects

- Provides additional research and project experience for students

Additional Analysis of Algorithms Requirements

- More tracks require it. More students are graduating with it.

This Year

- 111 first-year CS majors that are taking classes together (CS 180, CS 191 and CS 193)
- Live together
- Attend events together.

Plans for the Future

- Splitting up beginners and students with coding and programming experience.
 - Possess necessary staffing
 - Benefits students