ADVISING AND ACADEMIC SUCCESS IN CS

Fall 2022

Phil LeBlanc – CS Advisor
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
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
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
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