Welcome Fall2022
CS*/MACS Undergraduates

Welcome!



- CS students are terrific!
- We are glad you are here!
- You will find CS to be

  an interesting, engaging, and friendly environment!

*We are now officially Computer Science. Stop by the CS office to say hello and get a new CS sticker.

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CS/MACS
Undergraduates



Resources for majors

- Classes
- Advising
- Science Library and Other Student Spaces
- Activities/Organizations/ Opportunities

CS Classes - https://cs.uoregon.edu/classes

Classes

Tentative Course Offerings. The tentative course offerings for next year can be viewed here, or you can come to the CS front office. Please note that this is only a tentative offerings list, and subject to change.

You can also access the entire University Catalog, or the CS department entry, or the official class schedule online.

Note: checkmarks are clickable

Choose Year

2022/23 | 2021/22 | 2020/21 | 2019/20 | Choose

Catalog	Fall	Winter	Spring	Summer	Prerequisites
Lower Division					
CIS 102 Fundamentals of Computer and Information Security	✔				
CIS 110 Fluency with Information Technology	✔	✔	✔		
CIS 111 Introduction to Web Programming	✔	✔			CIS 110 (recommended)
CIS 122 Intro to Programming and Problem Solving	✔	✔	✔		
Classes for CS Majors					
CIS 210 Computer Science I	✔	✔			Math 112. Prior programming experience strongly encouraged.
CIS 211 Computer Science II		✔	✔		CIS 210
CIS 212 Computer Science III	✔		✔		CIS 211
CIS 313 Intermediate Data Structures	✔	✔			CIS 212, MATH 232
CIS 314 Computer Organization	✔	✔			CIS 210, CIS 211, CIS 212 with grades of B- or better
CIS 315 Intermediate Algorithms		✔	✔		CIS 313
CIS 322 Introduction to Software Engineering		✔	✔		CIS 212
CIS 330 C/C++ & Unix		✔	✔		CIS 314
CIS 333 Applied Cryptography		✔			CIS 212
CIS 372M Machine Learning for Data Science		✔			CIS 212, DSCI 345M, MATH 342
CIS 407 Seminar on CIS Careers and Internships	✔	✔	✔		
CIS 415 Operating Systems	✔		✔		CIS 330

CS Classes - Learning Tips and Support (advice from senior students)

attend class and lab/discussion

keep up with reading assignments and start projects early

do not assume everyone else already knows the material

ask questions

attend office and lab help hours (faculty, GEs, undergrad learning assistants)

form study groups

PRACTICE, PRACTICE, PRACTICE

UO resources: Tutoring and Academic Engagement Center, AEC, and more

Did You Know?

- Daily drop-in and weekly scheduled help hours are available for CS 111, 122, 210, 211, and 212.
- Everyone is welcome to attend the CS Career/Internship Seminar – Mondays 4:00-5:20 p.m. in Fall, Winter, and Spring
- CS 407 Programming Challenges seminars are offered in Fall and Spring (313 prereq).
- CS 410 offerings are a great way to study with faculty in their research area.
- You can substitute a minor in a *computing-related* discipline or a Math or DSCI *major* for the CS/MACS major additional science requirement (requires petition).

Undergraduate Advising

- All majors should meet with Tykeson Academic and Career Scientific Discovery and Sustainability Team (SDS) Advisors to discuss the major and develop a degree plan.
  https://advising.uoregon.edu/tykeson

- Upper-division majors should schedule a “major progress review” meeting with a Computer Science faculty advisor for information about and planning for upper-division courses and activities.
  https://cs.uoregon.edu/undergraduate/computer-science-advising



Undergraduate Advising

To make an appointment with a Tykeson Academic and Career (Scientific Discovery and Sustainability team) advisor:

email: sdsflightpath@uoregon.edu

Navigate: https://uess.uoregon.edu/navigate

call Tykeson Hall Reception: 541-346-9200

To make an appointment for a CS major progress review:
https://cs.uoregon.edu/undergraduate/computer-science-advising



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- → Science Library and Other Student Spaces
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Welcome to the Science Library



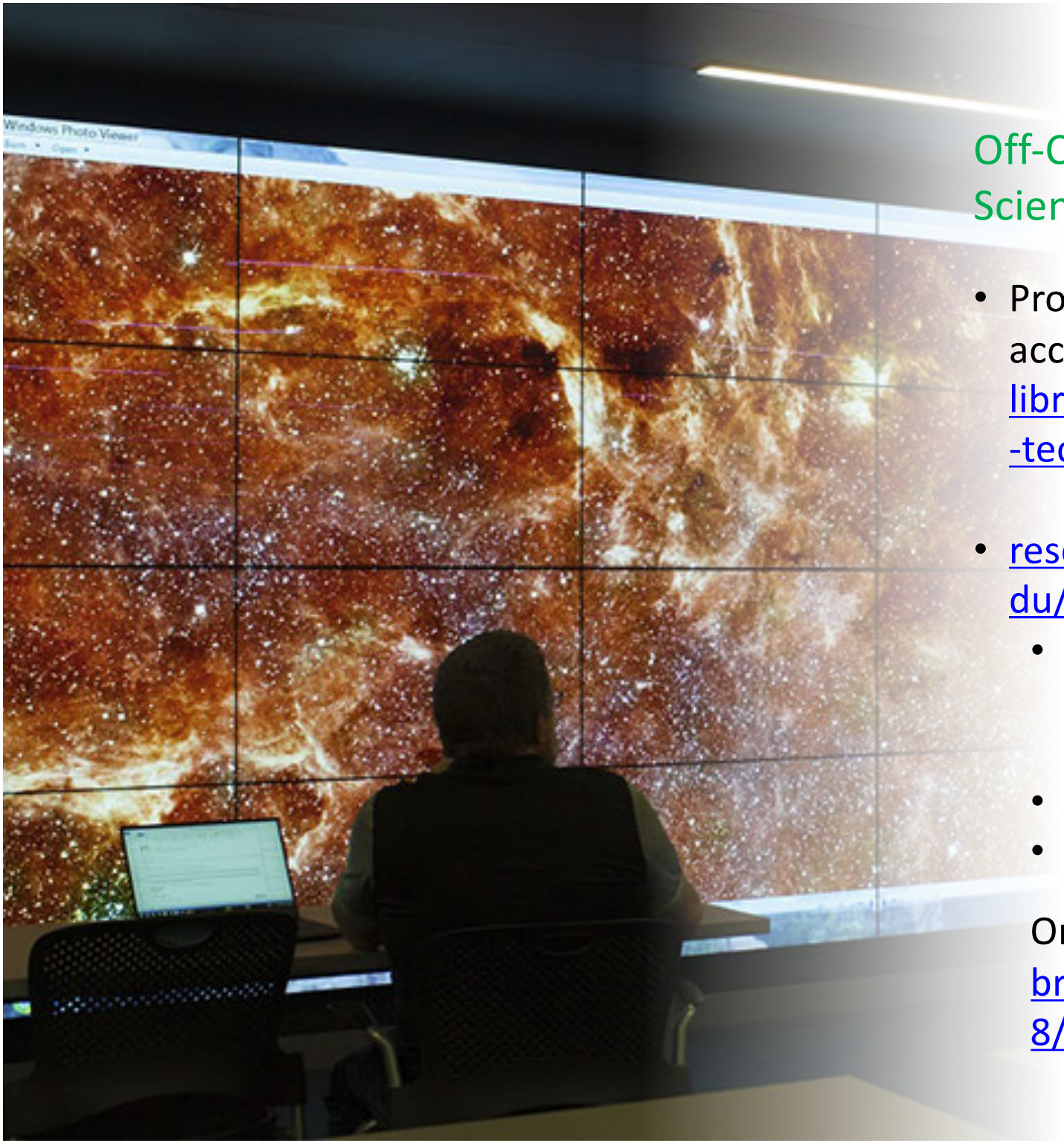
Allan Price Science Commons & Research Library

Kristin Buxton
CS Science Librarian
kbuxton@uoregon.edu



The Science Library has

- CS department room (B004/A)
- Visualization lab
- Study rooms
- Computers/printers/ scanners
- Science books
- Video Game Collection
- Maker Space with 3D printers, a laser cutter and more
- RAVE Lab - AR/VR room



Off-Campus Access to Science Library Resources

- Proxy bookmarklet & VPN access at library.uoregon.edu/library-technology-services/proxy

- researchguides.uoregon.edu/cis has proxied links to
  - ACM Digital Library (including some of the ebooks)
  - IEEE Xplore
  - Springer eBooks

  Or use Browzine browzine.com/libraries/38/subjects

CS/MACS Majors Spaces

Deschutes Room 100
Computer Lab and study space

Deschutes Room 100A
Meeting Room and study space

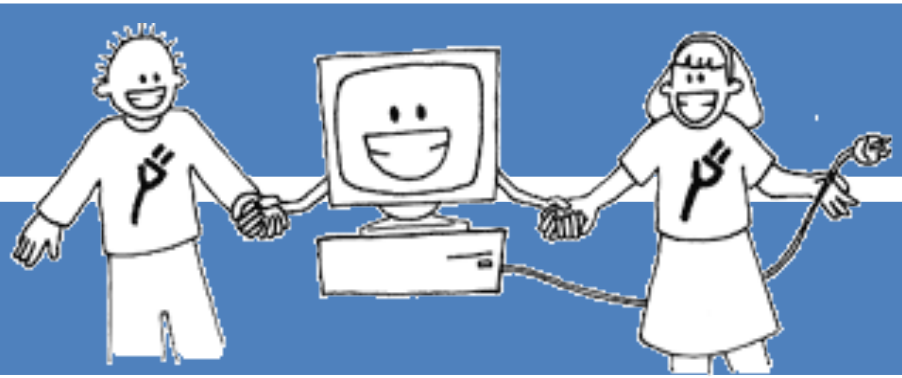
Deschutes Room 127
Student Organizations and study space

PSC (Science Library) B004/A
CS 200s drop-in tutoring and study space

TIP: Locker space in Deschutes Room 100 is available for majors by request

Activities/Organizations/Opportunities (for example)

- Women in Computer Science
- Undergrad Learning Assistants
- Programming contests
- Research/Honors Thesis
- iOS Dev Club
- Career/Internship Seminar
- UO Cybersecurity club
- LCB Entrepreneurship Minor
- SOJC Science Communications Minor
- UO Blockchain Club
- Hack for a Cause (TAO)



https://cs.uoregon.edu/activities/student-groups

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Mark your calendars:
Fall Welcome to the CS/MACS Major Info and Q/A Session
Wednesday, October 5, 2-3 p.m.
Room 100 Deschutes
All majors are welcome, especially new majors and transfer students.