COMPSCI 305: What makes a good computer scientist?
Welcome to the CICS community!

Welcome to the College of Information and Computer Sciences! Welcome to our international students, our students from out of state, and students from Massachusetts. Welcome to our students of all races and ethnicities. Welcome to our students of all genders. Welcome to our students in the LGBTQ community, and our first generation college students. Welcome to those of you who have just begun your journey in computer science, and to those of you who have been coding for years. Welcome to students of all abilities, all political views, those of you who have military experience and those who do not. Welcome to students of all ages, all religions, and of all socioeconomic backgrounds. We are so glad you are here. In this college, each voice has something of value to contribute. Please take care to respect the different experiences, beliefs and values expressed by students, faculty and staff in CICS.
Computer Science at UMass began in 1964 with three faculty.

In 1978, the undergraduate major in Computer Science was established.

By 1980, there were 80 undergraduates...
How Popular are We?

Total Majors by Year

Number of Majors

Year

How Popular are We?

Total Incoming Fresmen by Year

- Number of Fresmen
- Year

- 2010 to 2016

Graph showing an increase in total incoming freshmen from 2010 to 2016.
CS by the numbers TODAY!

1145 Majors
49 Minors
225+ Applications a Year
250+ Graduates a Year (Feb, May, Sep)
605 Graduate Students
62 Faculty
CS Program Officers

- James Allan, Chair
- David Barrington, Associate Chair for Academic Affairs
- Tim Richards, Undergraduate Program Director (UPD)
- Gordon Anderson, Chief Undergraduate Advisor (CUA)
- Ben Marlin, Honors Program Director
- Bill Verts, Peer Advising Manager
- Darlene Fahey, Undergraduate Program Manager
- Tara LaFlamme, Undergraduate Program Assistant
- Samantha Myburgh, Academic Programs Assistant
What makes a good great computer scientist?

Yes, programming is important!
Yes, math and theory are important!

But, what really makes a great computer scientist is being an authentic and active member of the CICS community and beyond!

Be Authentic!

Have Integrity!
Welcome!

- Emma Anderson, Director of Diversity
- Erika Dawson Head, Director of Diversity
- CS Building Room 218
Commitment to Diversity and Inclusion

Building a Community of DIGNITY & RESPECT

Honor differences | See the humanity in everyone
Fact: The CS major demographics are not the demographics of UMass or Massachusetts as a whole.
Demographics: MA vs. UMass vs. CICS
Demographics: MA vs. UMass vs. CICS

Race Breakdown

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<tr>
<th>Percentage</th>
<th>Massachusetts</th>
<th>UMass</th>
<th>CICS</th>
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Fact: Not all groups of students have the same experience in the CS major.
November 2016 Campus Climate Survey Results
CICS Specific Data

• Have you experienced unfair treatment based on gender?
  • 7% of men say yes
  • 27% of women say yes
Goal: We want and need to be more inclusive to reach our greatest potential as a college.
• >1000 CS majors (including you: ~300 incoming students!)
• <100 Faculty
• YOU play a big role in setting the culture of the major and the college!
Activity:
Community Expectations Brainstorming
3 min: Think and/or write down:

• What is one thing you can do to create a positive culture in your learning environment(s) here?

• What is one thing you hope your peers will do to create a positive culture in your learning environment(s) here?
10 min: Share your answers in groups of 5:

• What is one thing **you** can do to create a positive culture in your learning environment(s) here?
• What is one thing you hope **your peers** will do to create a positive culture in your learning environment(s) here?
Choose one answer to submit here:

- www.pollev.com/emmaanderson882

- We’ll share these on the screen, and with faculty later.
Actions

• When you hear/notice behavior that makes you feel uncomfortable or you know it would make others uncomfortable, say something (and/or let us know)

• Actively listen when discussion of sexism or racism or homophobia comes up or you meet someone whose personal experience is different from yours.
People you can talk to

- Emma Anderson, Director of Diversity
- Erika Dawson Head, Director of Diversity
- Tim Richards, Undergraduate Program Director
- Jack Wileden, Associate Dean of Students
- Gordon Anderson, Chief Undergraduate Advisor
- Neena Thota, Freshman/Sophomore Advisor (A-L)
- Marc Liberatore, Freshman/Sophomore Advisor (M-Z)
Academic Resources

• Learning Resource Center – 10th floor of the library
• COMPSCI 121 has **Supplemental Instruction**
• Other courses have group and individual tutoring available
• [www.umass.edu/lrc](http://www.umass.edu/lrc)
Interested in social events?
Sign up at:
#FreshCICS

• Ice Cream Social!
• Thursday, September 13, 5:30-7:30 PM
• CS 150/151 and picnic tables outside
• More info about future events on Piazza
UMass Computer Science Welcomes you!

Good luck and great success to this semester and beyond!