College of Information and Computer Sciences
Computer Science

Undergraduate New Student Orientation
Fall 2017
Welcome to UMass CICS Computer Science!

Tim Richards
Undergraduate Program Director

Gordon Anderson
Chief Undergraduate Advisor
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](chart.png)

- Number of Majors: 200 to 1,200
- Year: 2010 to 2016
How Popular are We?
CS by the numbers TODAY!

1009 Majors

45 Minors

250 Applications a Year

200+ Graduates a Year (Feb, May, Sep)

580 Graduate Students

70 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)
- Darlene Fahey, Undergraduate Program Manager
- Tara LaFlamme, Undergraduate Program Assistant
Computer Science Programs

BS in Computer Science
BA in Computer Science
Minor in Computer Science
Bachelors of Science in Computer Science

Comprehensive Training in Computer Science

BS-CMPSCI Students Prepared For:

- Graduate Study in CS
- Technical Entry-Level Jobs in Industry
**BS in Computer Science**

6 Core Lower-Division CS Courses
121, 187, 220, 230, 240, 250

8 Upper-Level CS Electives
311, 4 300+, 3 400+

4 Mathematics Courses
131, 132, 233, 235

Junior Year Writing
305

1 Integrative Experience (IE)
320, 326 (can also satisfy an elective)

2 Laboratory Science Courses
Bachelors of Arts in Computer Science

Computing Focus Degree in Computer Science

BA-CMPSCI Students Prepared For:

- Application of Computing to a Secondary Area
BA in Computer Science

5 Core Lower-Division CS Courses
121, 187
3 out of 220, 230, 240, 250

5 Upper-Level CS Electives
5 300+

2 Mathematics Courses
131, 132

Junior Year Writing
305

1 Integrative Experience (IE)
320, 326 (can also satisfy an elective)

Foreign Language
Four-Course Outside Concentration
Timeline & Progress

Planning is Important!

- CS classes you need to take
- Requirements you need to fulfill

Keep track of your progress!

- Keep track of your progress with a tracking form
- You can download a PDF version from our website: [http://www.cics.umass.edu](http://www.cics.umass.edu)
Getting the courses you want

Have an early plan!

- Have a plan A
- Have a plan B

Register as soon as possible!

- During your registration period

Overrides/Waitlist

- Process to manage course requests
- Takes time, be patient, you will hear from us
Advising

It is very important to meet with an advisor!
First Year Student Advising

You have a freshman advisor

- Neena Thota
- [froshadvising@cs.umass.edu](mailto:froshadvising@cs.umass.edu)

You will attend a group advising meeting.

**Academic guidance in CS**

- This will be announced before the registration period for next semester.

- Be **prepared** to discuss your course selection and have questions ready!

**Bring your tracking form!**
Second Year Student Advising

You have a sophomore advisor

- Marc Liberatore
- sophadvising@cs.umass.edu

You will attend a group advising meeting.

Academic guidance in CS

- This will be announced before the registration period for next semester.
- Be **prepared** to discuss your course selection and have questions ready.

Bring your tracking form!
Junior/Senior, Transfers, and Postgrads

You have an assigned CS faculty advisor

- Please see Spire to find out who!

Post Graduates in CS

- I am your faculty advisor :-) 

Advising Appointments

- Contact your advisor before the registration period begins

- Be **prepared** to discuss your course selection and have questions ready!

Bring your tracking form!
Yikes! What if I need course advising before that time?

ACE: Peer Advising Center Committee

ACE students are:

Juniors and Seniors in CS who are very knowledgeable about CS, know the courses, and can help you navigate the program to ensure success!

Bill Verts
Peer Advising Manager

ACE Students

https://www.cics.umass.edu/ugrad-education/ace-cs-ug-advising-center
Yikes! What if I need academic help and advising?

ROCKs: Leadership and Outreach Committee

ROCKs students are:

Students in CS who are successful, very knowledgeable about UMass and CS, know the courses, and can help you navigate the program and UMass to ensure success!

Jack Wileden
Associate Dean of Student Affairs

ROCKs Students

http://www.umass.edu/lrc
What about career advice and help?
EVENTS

INTERNSHIPS & JOBS

APPOINTMENTS

2,000+ Employers

1,000+ Opportunities

10+ Onsite Interviews

For more information or other career-related questions, contact our **CICS Careers** team.

- Visit our [CICS Website](#)  |  [Join Handshake](#)  |  ![Visit Us @ CS360](#)
Get Involved!

- Association for Computing Machinery (ACM)
  - [http://umass.acm.org](http://umass.acm.org)
- UMass Programming Team
- CS Women
  - [http://cswomenumass.github.io](http://cswomenumass.github.io)
- USpace
  - Room 144 in CS building
- Leadership Committees
Research Opportunities

Research Labs

- Lots of opportunity to participate
- Great for jobs and graduate school in CS

Independent Studies

- Work individually with a faculty mentor

Honors Program

- Departmental Honors

Undergraduate Course Assistants (CUA)
General Advice & Strategies for Success in CS

- **Focus on doing well!**
  - Do not overload

- **Be Proactive!**
  - Contact ACE, ROCKs, LRC, or your advisor
  - Update your tracking form!
  - Plan A, Plan B, Plan C

- **Do not rush your degree!**
Progress, Advising, and Tracking Form

- You are responsible for your progress!

- Tracking Form!
  - Fill it out
  - Keep it updated
  - Bring it to advising meetings

It will help you and your advisor make good choices that will help lead you to success!

- Plan from start to finish
  - And, have multiple plans!
Communication

Pay attention to the emails you receive from CS!

Pay attention to important deadlines!

Get in touch ASAP when there is a problem!
UMass Computer Science

Welcomes you!

Good luck and great success to this semester and beyond!