Welcome
to
UMass Amherst
Class of 2024
Welcome to:
The College of Information and Computer Sciences at UMass Amherst
Agenda

- Introduction
- Programs
- Application Process
- Fall 20 Classes
- Spring 21 Registration
Introduction

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Advising

❖ Our job is to help you:
  • Navigate majors (Major Exploration)
  • Narrow your academic focus
  • Develop a “Back Up Plan”!
  • Declare a Major

❖ During the school year (Fall 2020) advising is done via Zoom
❖ On-line appointment system
Advising

Meet at least 3 times per semester

• Today
• Info Session in late Oct (TBD)
• One on one prior to enrollment appointment
• Always welcome to see us (via Zoom Fall 2020)
• Holds – check Spire
Advising

- FERPA – the federal Family Educational Rights and Privacy Act of 1974
  - College is VERY different from K-12
  - Student records belong to the you (no one else)!
  - Waiver
  - It is your education

You’re in the driver’s seat!
Your parents are in the passenger's seat!
Important Dates

- Add/Drop – Sept 7, 2020
- W date – Oct 16, 2020
- Last day to P/F – Nov 20, 2020
- Spring 2021 Registration, early November
- “Students Interested in Computer Science Major”
  - TBD
  - TBD
CS Undergraduate Programs

- Computer Science - BS
- Computer Science - BA
- Informatics - BS
- Computer Science – Minor
- IT Minor
BS Computer Science

- 14 Computer Science
- 4 Math
- 2 Majors-Level Lab Science
### BA Computer Science

- 10 Computer Science
- 3 Math
- Foreign Language
- 4-Course Concentration

#### BA-CS Tracking Form for major requirements

<table>
<thead>
<tr>
<th>Two Introductory CS Courses</th>
<th>Three Math Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>121 Intro to Problem Solving</td>
<td>M131 Calc I</td>
</tr>
<tr>
<td>Semester: Grade:</td>
<td>Semester: Grade:</td>
</tr>
<tr>
<td>187 Data Structures</td>
<td>M132 Calc II</td>
</tr>
<tr>
<td>Semester: Grade:</td>
<td>Semester: Grade:</td>
</tr>
</tbody>
</table>

Math 127-128 can be substituted for Math 131-132 for the BA, but this option will restrict access to 200-level cores and higher-level electives that require Math 132 as a prerequisite.

<table>
<thead>
<tr>
<th>CS Core Courses (complete only three of the four)</th>
</tr>
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<tbody>
<tr>
<td>1. Semester: Grade:</td>
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<tr>
<td>2. Semester: Grade:</td>
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<tr>
<td>3. Semester: Grade:</td>
</tr>
</tbody>
</table>

The courses must be chosen from the following list:
- 220 Programming Methodology
- 230 Computer Systems Principles
- 240 Reasoning Under Uncertainty (M132 prereq)
- 250 Intro to Computation (M132 prereq)

Students are strongly advised not to take 220 and 230 or 240 and 250 together in the same semester.

Your choice of cores determines which CS electives you can take.

NOTE: Completion of 121, 187, and three CS cores completes the CS.

#### Five Upper-Level CS Courses (300+)

<table>
<thead>
<tr>
<th>1. Semester: Grade:</th>
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<tbody>
<tr>
<td>2. Semester: Grade:</td>
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<tr>
<td>3. Semester: Grade:</td>
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<tr>
<td>4. Semester: Grade:</td>
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<tr>
<td>5. Semester: Grade:</td>
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</tbody>
</table>

**Choice of 320*, 326**

Social Issues in Computing (or 1W in another dept.)

| 305 Semester: Grade: |

- *320 or 326 may also satisfy an upper-level elective.

#### Four-Course Outside Concentration

- Minimum 2.0 cumulative GPA in all courses applied to major. Pass/Fail not allowed in major.

#### Major GPA

- University, General Education and Foreign Language requirements should be checked on SPIRE.

Revised June 23, 2016
Informatics

➢ Data Science Track
➢ Applied Computing Program
➢ Application Process
  ➢ Info 150 – C or better
  ➢ CS 121 – C or better
  ➢ 2.5 or better
  ➢ Apply https://www.cics.umass.edu/ugrad-education/joining-informatics-major

https://www.cics.umass.edu/informatics
Informatics

- Dr. Michelle Trim (CICS) – Associate Director
- Fabienne Boisson – Informatics Advisor

https://www.cics.umass.edu/informatics
Minor in Computer Science

Course Requirements (5)

- 2 Entry Level Computer Science
- At Least 2 200-Level Courses
- 1 200-Level or Above

Submit “Intent” form (no application)

- Due same time as major application
- Same academic standards
Minor in Information Technology

Course Requirements (6)
- 1 Foundation Course, 2 Technical Courses, 1 Broadened Inquiry Courses, and 2 Electives

Enroll on the IT Minor Website
- This minor allows you to still pursue computing and technical classes if you choose a non-CICS major
- You can apply CS coursework you have taken
GRADUATION REQUIREMENTS

University
120 Credits
2.0 GPA minimum
Fulfill GenEd requirements
Graduate in 10 semesters maximum

School or College

Major
Fall 20 Schedule

- Should be a “Balanced Schedule”
- 4 Classes + CS Seminar
  - CS 121 or 186 or 187
  - Math 131 or 132 or 233
  - CICS191CICS (seminar)
  - English Writing 112 or Elective
  - Major Exploration Class or Diversity Gen Ed

- Start thinking about a “Back Up Plan”
- Fall 20 P/F Option
Applications are accepted:
- October 1
- March 1

When should you apply?
- The semester you are enrolled in CS 187

Up to 2 consecutive applications are permitted

Attend a “Students Interested in Becoming a CS Major” meeting each semester an app is submitted
CS Application

Criteria:
- Math 131 & Math 132 - B
- CS 121 & CS 187 - B
  *CS 186

Notification
- Receive contract’s within 2 weeks
- Fulfilled contract or not (after grades are posted)

Importance of Back Up plan!!
### Fall 2020 Schedule

<table>
<thead>
<tr>
<th>Class</th>
<th>Schedule</th>
</tr>
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<tbody>
<tr>
<td>COMPSCI 121-07 LEC (68858)</td>
<td>MoWe 4:00PM - 5:15PM Fully Remote Class</td>
</tr>
<tr>
<td>COMPSCI 121-07 LL LAB (68865)</td>
<td>Fr 10:10AM - 11:00AM Fully Remote Class</td>
</tr>
<tr>
<td>ECON 203-01 LEC (58837)</td>
<td>MoWe 12:20PM - 1:10PM Fully Remote Class</td>
</tr>
<tr>
<td>ECON 203-01AF DIS (58972)</td>
<td>Fr 12:20PM - 1:10PM Fully Remote Class</td>
</tr>
<tr>
<td>ENGLWRIT 112H-09 LEC (68828)</td>
<td>TuTh 11:30AM - 12:45PM Fully Remote Class</td>
</tr>
<tr>
<td>HONORS 191FPH-01 SEM (81638)</td>
<td>We 1:25PM - 2:15PM Fully Remote Class</td>
</tr>
<tr>
<td>HONORS 201H-08 SEM (61595)</td>
<td>MoWeFr 11:15AM - 12:05PM Fully Remote Class</td>
</tr>
</tbody>
</table>

### Enrollment Dates

- **Enrollment Appointment**
  - You may begin enrolling for the Fall 2020 University session on August 3, 2020.

### Spring 2020 Academic Load

- Details

### Primary Advisor

<table>
<thead>
<tr>
<th>Primary Program Advisor</th>
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<tbody>
<tr>
<td>Greg Boisseau</td>
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<tr>
<td>413/545-4822</td>
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### College of Information & Computer Sciences

| 413-545-4822 |
| Lederle Graduate Research Center |
| LGRC lowrise, Room A243 |
| cicsadvising@umass.edu |

*Make an Appointment* Advising Web Site

More advisor info
Spring 21 Registration

- Early November
- Holds – check spire!
- Late Oct – Group Registration meeting
- Register for at least 12 credits
- Submit overrides
- Major Exploration!
- Diversity (DU or DG) – in first year
Resources

- **LRC** *(Learning Resource Center)*
- **Calc Tutoring Center**
- **Writing Center**
- **Professor Office hours**
- **CMASS** *(Center for Multicultural Advancement and Student Success)*
- **IPO** *(International Programs Office)*
- **Campus Pulse**
Additional Info

• **CICS Student Mentor Program**
  - Meet other students and get advice from someone who has been there!

• **Check out #40DaysofUMass**
  - starting September 1st, for tips, resources, and information on University events.

• **FreshCICS**
  - social group for first-year students in CICS
  - provides support, opportunities for collaboration
  - sense of community, meet peers and second-year students. Sign up for the FreshCICS Piazza: [https://forms.gle/bvVw2Zx5LdcUFhew6](https://forms.gle/bvVw2Zx5LdcUFhew6)
CICS Careers

Career Services Platform, “Handshake”:

• Sign up for career events like the career fair
• Apply to jobs and internships from over 1,000 employers
  • Request appointments with a career advisor

Virtual Tech Fair (jobs & internships) – Sept 22-23

Want to know more?

• Visit their website at https://www.cics.umass.edu/careers
• CICS Career Advising Center LGRC A213
Random Advice

- Join the online community, #FreshCICS social events for CICS Students
- Watch Email – daily
- Watch spire – 2-3 times weekly
- Connections – Introduce yourself to each Prof
- Advising Website: [https://www.cics.umass.edu/advising](https://www.cics.umass.edu/advising)
- Know your syllabus – how is your grade determined
- Time Management – “Manage your time or time will manage you”
- Rhythm
Please Remember

- **Focus** on CS but, **Explore** possible majors (Major Exploration) - take courses that interest and excite you
- **Develop a Back Up Plan**
- **Take your time** with GenEds – get the most out of them
- **Declare a Major**, by the end of your 3rd semester (45 credits)
- **YOUR MAJOR DOES NOT ALWAYS EQUAL YOUR CAREER**
Q’s?