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

- Sign In & info sheet?
- Introduction
- Programs
- Application Process
- Fall 16 Classes
- Spring 17 Registration
Introduction

Greg Boisseau
CICS Exploratory Track Advisor
CS 120
413-545-4822
gregb@cics.umass.edu

Michelle Chan – ROCk’s
Itamar Levy-Or – ROCk’s
Advising

- I am Your Academic Advisor
- My 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 advising is done in person
- Call to make an appointment
Advising

- Email with only a very quick question!
- Add/Drop – Sept 19
- W date – Oct 17
- 113 CICS Exploratory Track Students, class of 2020
- 37 CICS Exploratory Track Students, class of 2019
Advising

- Meet at least 3 times per semester
  - Today
  - Info Session in late Oct (TBD)
  - One on one prior to enrollment appointment
  - Hold – check spire
- Connections – Introduce yourself to each Prof
- Always welcome to see me!!!
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!
University
120 Credits
2.0 GPA minimum
Fulfill GenEd requirements
Graduate in 10 semesters maximum

School or College

Major

GRADUATION REQUIREMENTS
CS Undergraduate Programs

• Undergraduate Program
  – Bachelor of Science in CS
  – Bachelor of Arts in CS
  – Minor in Computer Science

• Informatics Major
  – Through BDIC
  – Run by Computer Science
BS Computer Science

- 14 Computer Science
- 4 Math
- 2 Majors-Level Lab Science
### BA-CS Tracking Form for major requirements

<table>
<thead>
<tr>
<th>Name:</th>
<th>ID#:</th>
<th>Advisor:</th>
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#### Two Introductory CS Courses

<table>
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<tr>
<th>Course</th>
<th>Name</th>
<th>Semester</th>
<th>Grade</th>
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<tbody>
<tr>
<td>121</td>
<td>Intro to Problem Solving</td>
<td></td>
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<tr>
<td>187</td>
<td>Data Structures</td>
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#### Three Math Courses

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<th>Course</th>
<th>Name</th>
<th>Semester</th>
<th>Grade</th>
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<tbody>
<tr>
<td>M131</td>
<td>Calc I</td>
<td></td>
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<tr>
<td>M132</td>
<td>Calc II</td>
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The third course can be any 200+ MATH course, RES11*, RES12*, STAT20*, STAT2501*, or STAT515.

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<th>Semester</th>
<th>Grade</th>
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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.

#### CS Core Courses (complete only three of the four)

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<th>Course</th>
<th>Name</th>
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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.

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

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<th>Name</th>
<th>Semester</th>
<th>Grade</th>
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University requires IE and JW courses be taken at UMass Amherst. Secondary CS Majors should satisfy these requirements in their primary major.

#### Choice of 320*, 326*

<table>
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<tr>
<th>Semester</th>
<th>Grade</th>
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#### Four Course Outside Concentration

(must be approved by UPD prior to registration for 1st semester senior year)

<table>
<thead>
<tr>
<th>Course</th>
<th>Name</th>
<th>Semester</th>
<th>Grade</th>
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Non-CS courses, 200-level+, that form a focused study in another discipline are eligible. With appropriate justification, students may propose that one of the four be a 4th course from the 200-level CS cores, or a 6th 300-level+ CS elective.

#### Language

- Concentration Area: [ ]

#### Major GPA

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

- Check box if complete. Study of a foreign language is required for the BA degree by the College of Information and Computer Sciences.

University, General Education and Foreign Language requirements should be checked on SPIRE. Revised June 23, 2016
Informatics Program

- Informatics has two tracks:
  - Data Science
  - Multimedia

- Presently offered through BDIC

- Dr. Michelle Trim (CICS) - 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
CS Application

- Can apply 3 times
  - Must be consecutive
  - 3rd application is not guaranteed

- Fall - October 1 deadline
- Spring - March 1 deadline

https://www.cics.umass.edu/ugrad-education/major-change-cs
CS Application

Criteria:
- Math 131 & Math 132 - B+
- CS 121 & CS 187 - B+
  - CS 190D (CS 186)

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

Importance of Back Up plan!!

https://www.cics.umass.edu/ugrad-education/major-change-cs
CS Application

“Students Interested in Computer Science Major” Meeting

Sept 14 (Wednesday)
4:00 PM
ILC N151

❖ Intended for all students not in CS

https://www.cics.umass.edu/ugrad-education/major-change-cs
Application Process

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

➢ Applications are accepted:
  • October 1
  • March 1

➢ Up to 3 consecutive applications are permitted
<table>
<thead>
<tr>
<th>Class</th>
<th>Schedule</th>
<th>Location</th>
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<tbody>
<tr>
<td>CICS 191C</td>
<td>Mo 4:00PM - 5:00PM</td>
<td>Van Meter House room 115</td>
</tr>
<tr>
<td>COMPSCI 187-01 LEC</td>
<td>TuTh 4:00PM - 5:15PM</td>
<td>Engineering Lab II Room 119</td>
</tr>
<tr>
<td>COMPSCI 187-01AJ DIS</td>
<td>Mo 1:25PM - 2:15PM</td>
<td>Lederle Grad Tower Room 225</td>
</tr>
<tr>
<td>ECON 103-01 LEC</td>
<td>MoWe 10:10AM - 11:00AM</td>
<td>Integr. Learning Center N151</td>
</tr>
<tr>
<td>ECON 103-01AD DIS</td>
<td>Fr 9:05AM - 9:55AM</td>
<td>Dickinson room 110</td>
</tr>
<tr>
<td>ENGLWRIT 112-130 LEC</td>
<td>TuTh 2:30PM - 3:45PM</td>
<td>Machmer Hall room 413</td>
</tr>
<tr>
<td>MATH 131-04 LEC</td>
<td>MoWeFr 11:15AM - 12:05PM</td>
<td>Lederle Grad Res Tower rm 219</td>
</tr>
<tr>
<td>MATH 131-04AB DIS</td>
<td>Th 10:00AM - 10:50AM</td>
<td>Lederle Grad Res Tower 8m 173</td>
</tr>
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**Holds**
- No Holds.

**To Do List**
- Perkins Loan MPN & Entrance Direct Loan Entrance Form Direct Loan Master Prom Note

**Enrollment Dates**
- Enrollment Appointment
- You may begin enrolling for the Fall 2016 *University session on June 6, 2016.*
- Spring 2016 Academic Load:

**Primary Advisor**
- **Major & Other Academic Plans**
- *Primary: Undeclared Exploratory Track ET-Computing & Informatics*
- College of Information & Computer Sciences
- Exploratory Track College Advisor:
  - Greg Boisssau
  - 413-543-4822
  - Room 120 Computer Science Building
  - [Advisor Web Site](#)
Fall 16 Schedule

“Balanced Schedule”

4 Classes + CS Seminar
- CS 121 or 190D or 187
- Math 131 or 132 or 233
- CICS191CICS (seminar)
- English Writing 112 or Elective
- Major Exploration Class

Start thinking about a “Back Up Plan”
Spring 16 Registration

- Mid November
- Hold – check spire
- Late Oct – Group Registration meeting
- Register for at least 12 credits
- Submit overrides
- Major Exploration!
Please Remember

- **Focus** on CS but, **EXPLORE** possible majors and departments - take courses that interest and excite you
- **TAKE YOUR TIME** with GenEds – get the most out of them
- Develop a **Back Up Plan**
- **DECLARE A MAJOR**, ideally by the end of your 3rd semester (45 credits)
- Remember – **YOUR MAJOR DOES NOT EQUAL YOUR CAREER** (with very few exceptions)!
Q’s?