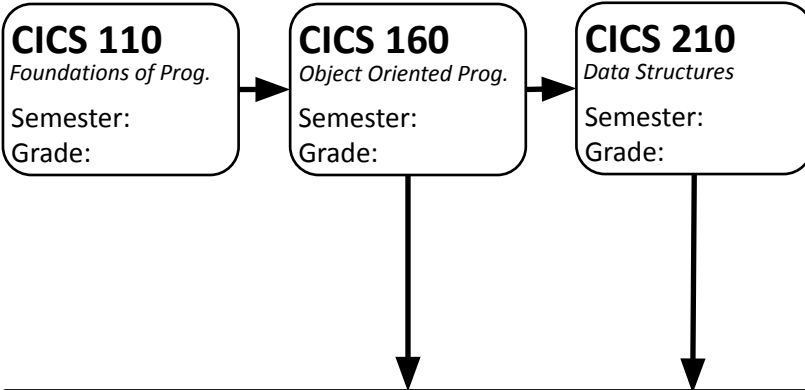


# BA-CS Tracking Form for Major Requirements

Effective Spring 2023

Name: \_\_\_\_\_ ID#: \_\_\_\_\_ Advisor: \_\_\_\_\_

## Three Introductory CS Courses



## Three Math Courses

**MATH 131** *Calc I*

Semester:  
Grade:

**MATH 132** *Calc II*

Semester:  
Grade:

The third course can be: any 200+ MATH course, RE211\*, RE212\*, STAT240\*, STAT501\*, or STAT315.

\_\_\_\_\_

Semester:  
Grade: \* not applicable to the BS

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

1.

Semester:  
Grade:

2.

Semester:  
Grade:

3.

Semester:  
Grade:

The courses must be chosen from the following list (prereq in parenthesis):

- COMPSCI 220 Programming Methodology (CICS 210)
- COMPSCI 230 Computer Systems Principles (CICS 210 and COMPSCI 198C)
- COMPSCI 240 Reasoning Under Uncertainty (M132 and CICS 160)
- COMPSCI 250 Intro to Computation (M132 and CICS 160)

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

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

1.

Semester:  
Grade:

2.

Semester:  
Grade:

3.

Semester:  
Grade:

\*IE Req, if COMPSCI 320 or COMPSCI 326

4.

Semester:  
Grade:

5.

Semester:  
Grade:

**Choice of COMPSCI 320\*, COMPSCI 326\*** \_\_\_\_\_

Semester:  
Grade:

\*COMPSCI 320 and/or 326 may also satisfy an upper-level elective.

**CICS 305**  
*Social Issues in Computing*  
(Or JYW in another dept)

Semester:  
Grade:

**\*COMPSCI courses only (not CICS 305).**  
UPD may approve a maximum of 3 credits of COMPSCI 499T/P or COMPSCI 396/496 to satisfy a CS elective.

\*Some graduate (600) level+ courses are permitted, but often have twice the workload of undergrad courses.

## Integrative Experience

*University requires IE and JYW courses be taken at UMass Amherst. Secondary CS Majors should satisfy these requirements in their primary major.*

## JrYr Writing

## Four-Course Outside Concentration

*(must be approved by UPD prior to registration for 1<sup>st</sup> semester senior year)*

Concentration Area: \_\_\_\_\_

1.

Semester:  
Grade:

2.

Semester:  
Grade:

3.

Semester:  
Grade:

4.

Semester:  
Grade:

Non-CS courses, 200-level+, that form a focused study in another discipline must be majors courses in the offering department (excludes JYW). If it suits the proposed concentration, 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. Students should propose their Four Course Concentration before undertaking it, and no later than the second semester of junior year.

## Major GPA

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

## Language

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

\*Language Requirement is only for the primary BA. Secondary BA are not required to satisfy the CICS Foreign Language Requirement unless they change to primary or become a Dual Degree.