

BA-CS Tracking Form for major requirements

Name: _____ ID#: _____ Advisor: _____

Two Introductory CS Courses

121 <i>Intro to Problem Solving</i> Semester: _____ Grade: _____	→	187 <i>Data Structures</i> Semester: _____ Grade: _____
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Three Math Courses

M131 <i>Calc I</i> Semester: _____ Grade: _____	M132 <i>Calc II</i> Semester: _____ Grade: _____
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The third course can be: any 200+ MATH course, RE211*, RE212*, STAT240*, STAT501*, or STAT515.

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: _____
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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.*

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

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

Five Upper-Level CS Courses (300+)

1. <small>*IE Req. if 320 or 326</small> Semester: _____ Grade: _____	2. Semester: _____ Grade: _____	3. Semester: _____ Grade: _____
4. Semester: _____ Grade: _____	* CS courses only (not CS 305). UPD may approve a maximum of 3 credits of CS 499T/P or CS 396/496 to satisfy a CS elective. Some graduate (600) level+ courses are permitted, but often have twice the workload of undergrad courses.	5. Semester: _____ Grade: _____

Integrative Experience

JrYr Writing

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

Choice of 320*, 326* _____

Semester: _____
Grade: _____

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

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

Semester: _____
Grade: _____

Four-Course Outside Concentration

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

Concentration Area: _____

1. Semester: _____ Grade: _____	2. Semester: _____ Grade: _____	3. Semester: _____ Grade: _____	4. Semester: _____ Grade: _____
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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.

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.