BA-CS Tracking Form for major requirements

Name: ___________________________________  ID#: ____________________  Advisor: ________________

Two Introductory CS Courses

121  Intro to Problem Solving
Semester: ____________________________  Grade: ____________

187  Data Structures
Semester: ____________________________  Grade: ____________

Three Math Courses

M131  Calc I
Semester: ____________________________  Grade: ____________

M132  Calc II
Semester: ____________________________  Grade: ____________

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:
- 220 Programming Methodology
- 230 Computer Systems Principles
- 240 Reasoning Under Uncertainty (M132 prereq)
- 250 Intro to Computation (M132 prereq)

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. *IE Req if 320 or 326
Semester: ____________________________  Grade: ____________

2. Semester: ____________________________  Grade: ____________

3. 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.

4. Semester: ____________________________  Grade: ____________

5. Semester: ____________________________  Grade: ____________

Four-Course Outside Concentration

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 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.

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: ____________

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

Semester: ____________________________  Grade: ____________

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.

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.

University, General Education and Foreign Language requirements should be checked on SPIRE. Revised December 16, 2020