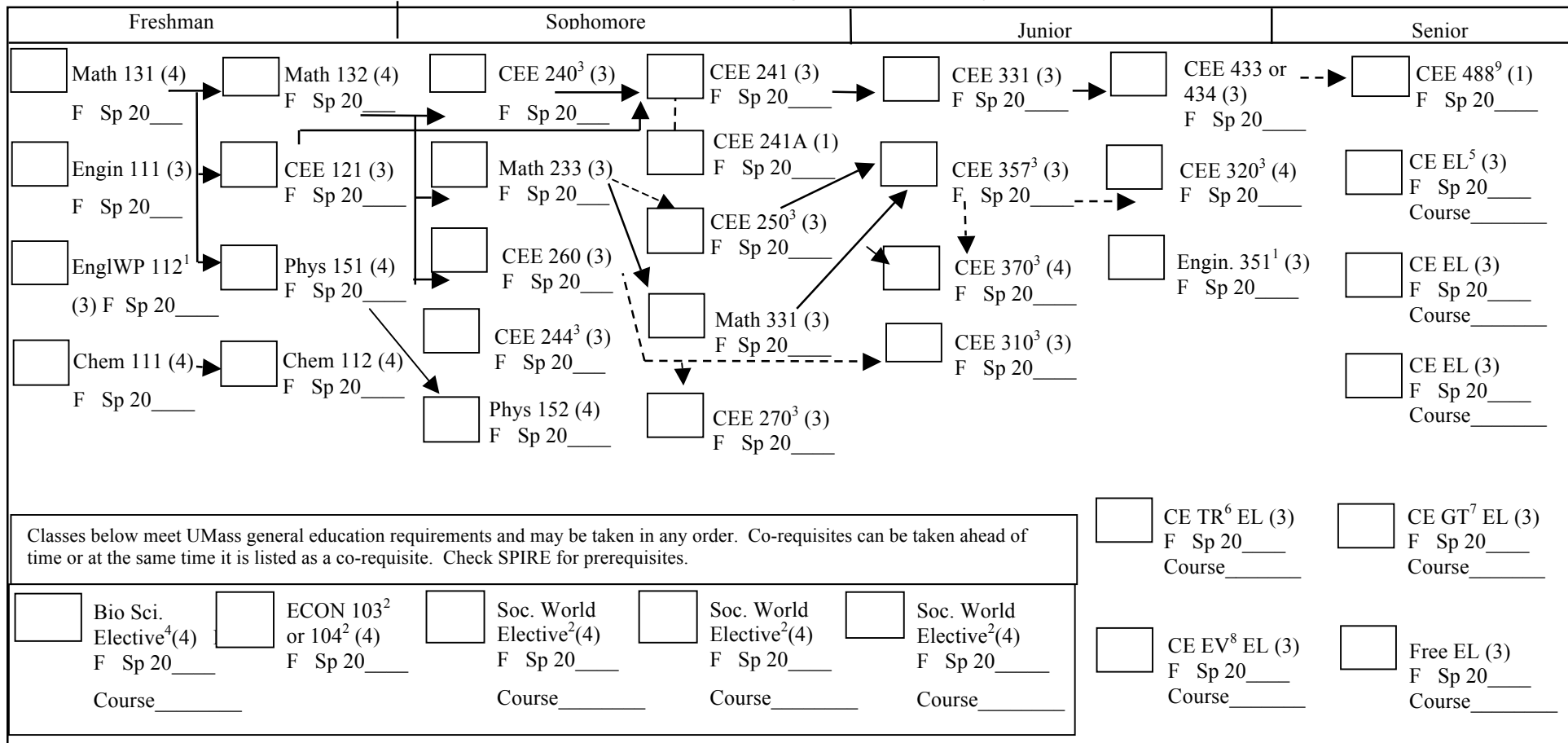


# CIVIL ENGINEERING

## Curriculum for Students Entering the University after June 2016



Notes: Solid arrows indicate prerequisites, broken arrows indicate co-requisites. **Graduation clearance requires a 2.0 University GPA and a 2.0 Major GPA. Total credits needed is 123.**

ECON 103 or 104 _____ HS _____ G course _____ U course _____ AL, AT _____ AL, AT, SB, I or SI _____	5. A Civil Engineering elective is any 300 level or higher CEE course. At least two Design Elective courses must be taken. The following courses are designated as Design Electives: CEE 421, 433, 434, 450 and 469. Indicate here the two courses that meet the Design Elective requirement. Design Elective #1 _____ Design Elective #2 _____
1. EngIWP 112 and Engin 351 meet UMass communication skills requirements.	6. TR elective: any 300 level or higher CEE Transportation area course. CEE 450 satisfies both the TR elective and the Design Elective requirements.
2. Social world requirement: 4 courses, one with G and one with U designation.	7. GT elective: any 300 level or higher CEE Geotechnical area course. CEE 421 satisfies both the GT elective and the Design Elective requirements.
3. Additional prerequisites shown in parentheses: 240 (Phys. 151 co-requisite), 244 (Math 131), 250 (Phys 151, Math 132 ), 270 (Engin 111; Math 132); 310 (Math 233); 320 (241); 357 (240); 370 (Chem 112).	8. EV elective: any 300 level or higher CEE Environmental & Water Resources area course. CEE 469 satisfies both the EV elective and the Design Elective requirements.
4. Biological sciences requirement - any course with BS designation. Must be 4 credits.	9. CEE 488 has these prerequisites: 310, 320, 331, 370 and requires senior standing. A Design Elective should be taken in the same semester that CEE 488 is taken.

CEE GPA \_\_\_\_\_

Flow chart revised August 2016