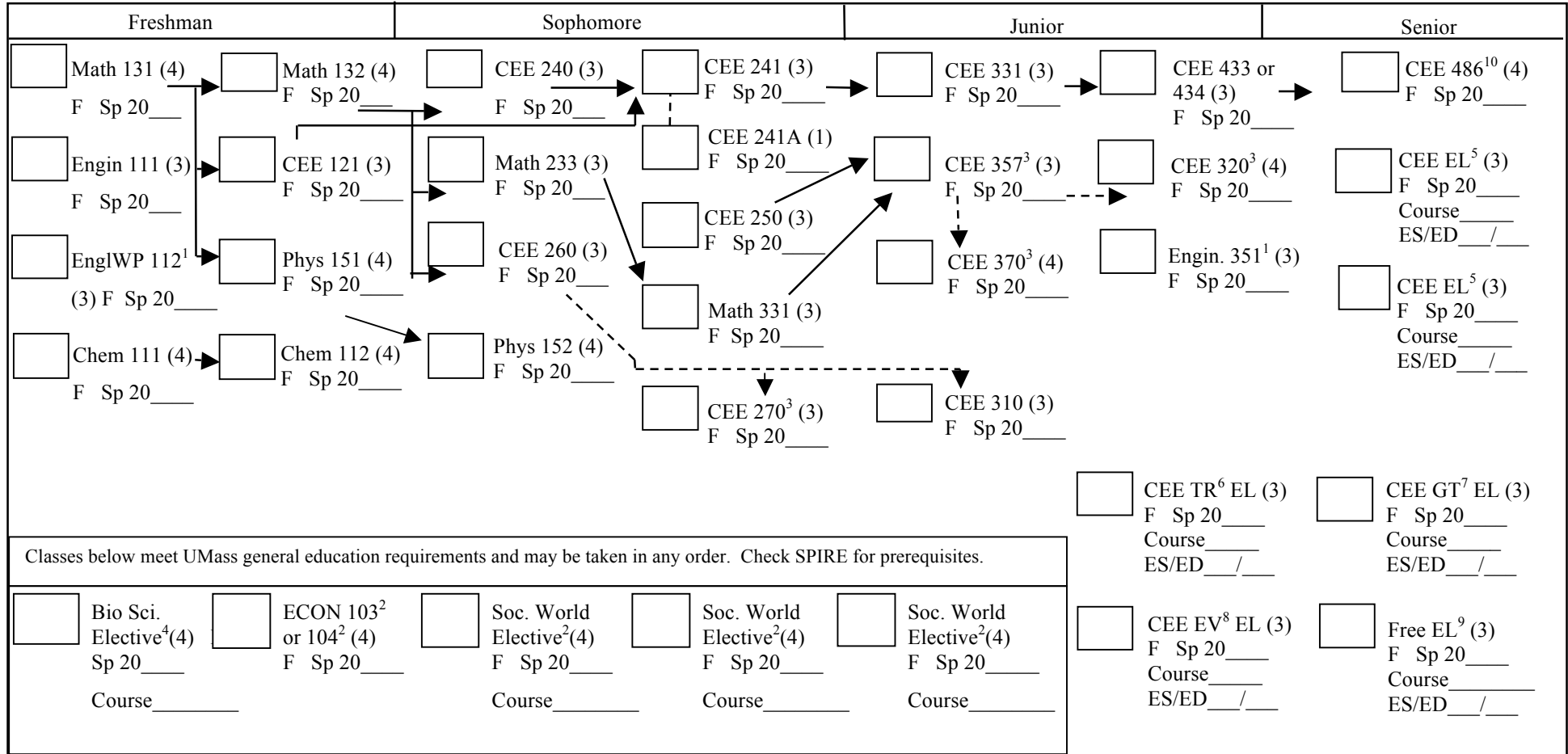


CIVIL ENGINEERING

Curriculum for Students Entering the University after June 2010



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 120.**

1. EngIWP 112 and Engin 351 meet UMass communication skills requirements.	6. TR elective: any 300 level or higher CEE Transportation area course
2. Social world requirement: 4 courses, one with <u>G</u> and one with <u>U</u> designation.	7. GT elective: any 300 level or higher CEE Geotechnical area course.
ECON 103 or 104 ____ HS ____	8. EV elective: any 300 level or higher CEE Environmental & Water Resources area course.
AL, AT ____ AL, AT, SB, I or SI ____	9. Free elective: course is selected in consultation with advisor.
3. Additional prerequisites shown in parentheses: 240 (Phys. 151 co-requisite), 250 (Phys 151), 270 (Engin 111; Math 132); 320 (241); 357 (240); 370 (Chem 112).	10. CEE 486 has these prerequisites: 310, 320, 370, 433 or 434.
4. Biological sciences requirement - any course with BS designation. Must be 4 credits.	Engineering Science (ES): 28 credits in req. + 4 needed from electives = 32 total
5. Civil Engineering elective: any 300 level or higher CEE course.	Engineering Design (ED): 11 credits in req. + 5 needed from electives = 16 total