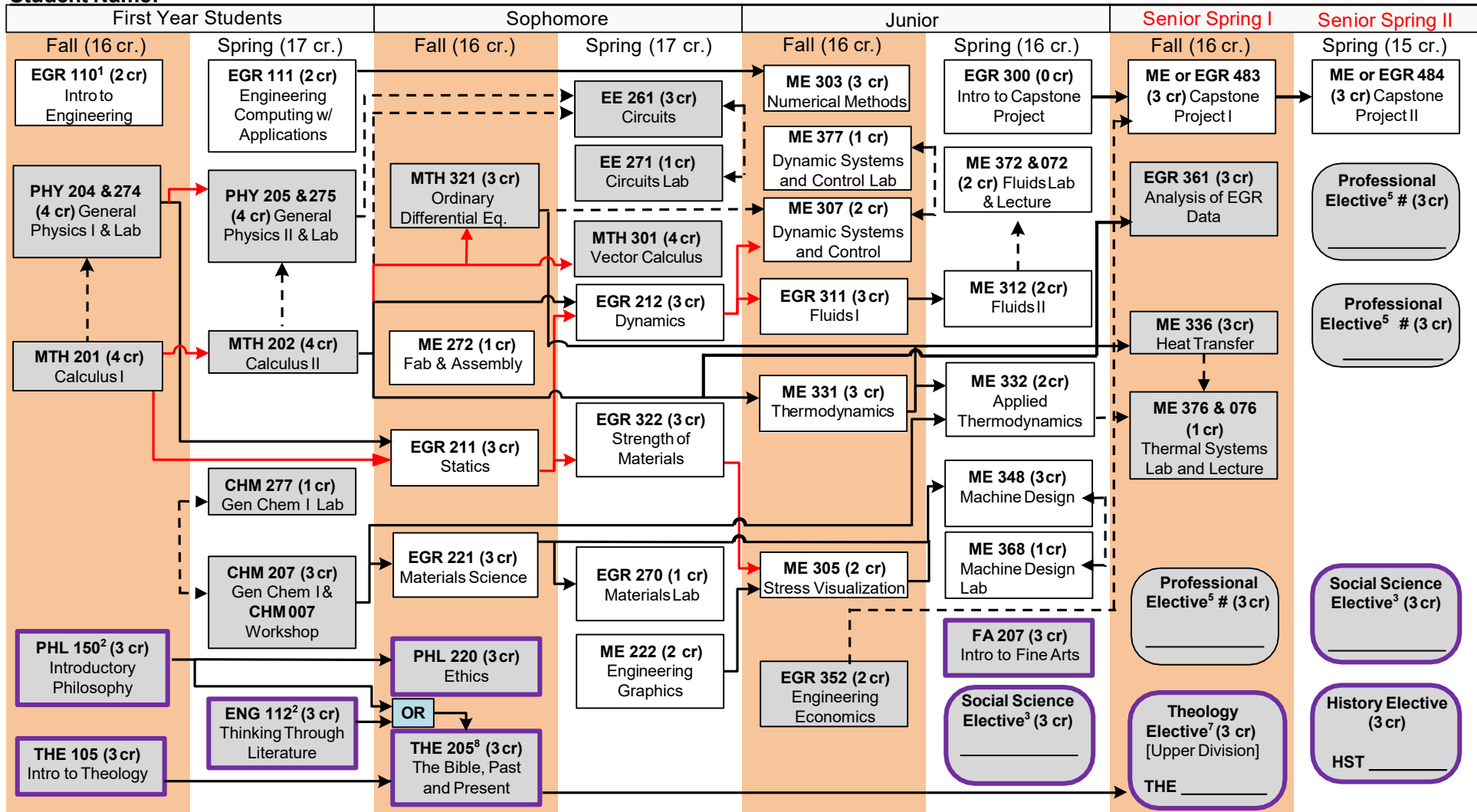


Mechanical Engineering Degree Plan Worksheet for 2020-2021 Bulletin

Student Name: _____

ID#: _____

Est. Grad. Date: _____



- AP/IB/Transfer Credit
- Successfully Completed @ UP
- Fall
- Spring

Faculty Advisor Notes/Initial/Date: _____

Academic Program Counselor Notes/Initial/Date: _____

See back for details

Degree plans are intended for aid in academic advising within the Shiley School and are not official documents. Refer to the appropriate year of the University of Portland academic Bulletin for official curriculum and degree requirements.

KEY:

- Solid black arrows = required pre-requisites
- Dashed black arrows (single) = co-requisites may be taken as pre-requisites
- Dashed black arrows (double) = co-requisites to be taken in the same semester
- Solid **red** arrows = pre-requisite must receive a grade for of C- or better
- Courses in white boxes are only offered one semester per academic year
- Courses in grey boxes are offered in both Fall and Spring semesters
- '#' = the pre-requisites for a course may vary
- Courses outlined in **purple** are required University core courses

DUAL DEGREES WITHIN ENGINEERING: Students completing dual degrees within the Shiley School have two options for completing the XX 483/484 requirement:

- 1) Student takes EGR 483 and EGR 484 and the student's contributions to the capstone project include both disciplines, or
- 2) Student takes both discipline-specific 483 and 484 courses.

CREDIT MINIMA: 129 total semester credit hours; 30 semester credit hours of math and science; 45 semester credit hours of engineering.

NOTES ABOUT CURRICULUM:

- (1) **EGR110:** For transfer students into the Shiley School who have declared a major and have not had an Introduction to Engineering course, the Dean may approve the substitution of the engineering or computer science elective depending on the student's educational background.
- (2) Because they are writing-intensive courses, it is strongly recommended that **ENG 112 and PHL 150** not be taken in the same semester.
- (3) **Two disciplines fulfilled from among:**
 - SOC 101
 - PSY 101
 - ECN 120
 - POL 200, or POL 203, or POL 205
 - SW 205
 - CST 225

Note: Can only take one POL course as a social science elective.
- (4) **Math/Science Elective:** Chosen from: BIO 200 or higher, CHM 200 or higher, PHY 300 or higher, or MTH 300 or higher. Does not include: BIO 384, BIO 387, CHM 387, MTH 387, and other specific math/science courses required for the degree. Must be taken for a grade A-F.
- (5) **Professional Electives:** The professional electives may be a combination of courses (each 3-credits or more unless approved by the program chair) offered by the University at the 200-level or higher. Professional electives include the following: courses offered by the Shiley School, courses that comprise a University minor, and courses included in an approved cluster. Professional elective credit may not be awarded for AP, IB, & CLEP examinations, or ROTC credit. Must be taken for a grade A – F.
- (6) **ME Majors:** MTH 3XX or MTH 4XX can substitute for EGR361.
- (7) **Theology Elective:** If theology elective is a theological perspectives course that also satisfies a companion subject core requirement, 3 additional elective credits must be taken to satisfy the minimum number of credits required for the degree.
- (8) **THE 205 Prerequisites:** THE105 + (PHL150 or ENG112).