## **GENERAL ENGINEERING: exploring**

## FIRST YEAR

Winter

Fall

## between engineering majors

**Spring** 

ENGR 102, co req-MTH 112 **ENGR 100 ENGR 102 ENGR 103** The Oregon State Design Engineering Engineering Computation& Engineering Student & Problem Solving Algorithmic Thinking F(3) F, W (3) W.S (3) CH 201 or CH MTH 111 231 & 261 MTH 251 \*CH 201 or \*CH 202 or \*PH 211 CH 231 & 261 CH 232 & 262 General Physics w/Calc Chemistry Chemistry F, W, S (4) F, W (3 or 5) W, S (3 or 5) MTH 112 MTH,251 MTH 252 MTH 251 MTH 252 \*MTH 254 Differential Calc Integral Calc Vector Calc F, W, S (4) F, W, S (4) F, W, S (4) CH 202\* or 232 **COMM** CH 233 & 263 **WR 121Z** 111Z or 114 **English Composition** or \*CH 205 Speech Comm F, W, S (4) (5 or 1) F, W, S (4/3) Lifetime Perspective+-**PAC Fitness** Physical Activity F, W, S (3) HHS 231 Course F,W,S (2) F, W, S (1)

Bacc Core Categories to choose from in first year:

## +Perspectives:

- Cultural Diversity (3-4 cr)
- Literature and Arts (3-4 cr)
- Bio Science w/ lab (4 cr)
- Difference, Power, and Discrimination (3-4 cr)

After first year, declare engineering major of choice with your advisor. Students should plan for 14-16 credits per term.

\*not all engineering majors require these courses, ask advisor

WR 121, COMM 111 or 114, and HHS 231/PAC can be taken in different order. WR 121 is restricted by last name (A-G, fall term; H-N, winter term; O-Z spring term).

Chemistry sequence varies by major, check with advisor, students planning to major in CS don't need chemistry

Shaded courses are courses that must be taken for a letter grade. A grade of "C" or higher is required.

The number within the parentheses represent the credits of the course.

F, W, S Represents the term the course is offered (Fall, Winter and Spring term respectively).