

BEng (MECH) Curriculum Structure

Routes for graduation:

- BEng(MECH) only = 109 credits + 11 free credits
- BEng(MECH) with ONE MECH Option = 118 credits + 2 free credits
- BEng(MECH) with TWO MECH Options = 127 credits
- BEng(MECH) with Research Option = 115 credits + 5 free credits
- BEng(MECH) with a Minor = 109 credits + 18 credits = 127 credits

Fall Offering: GREEN

Spring Offering: ORANGE

Offering in both semesters: BLUE

Pre-requisite
Summer/Winter Offering: PURPLE

In-depth MECH Option (6-9)

MECH electives
3 x 3 = 9 credits

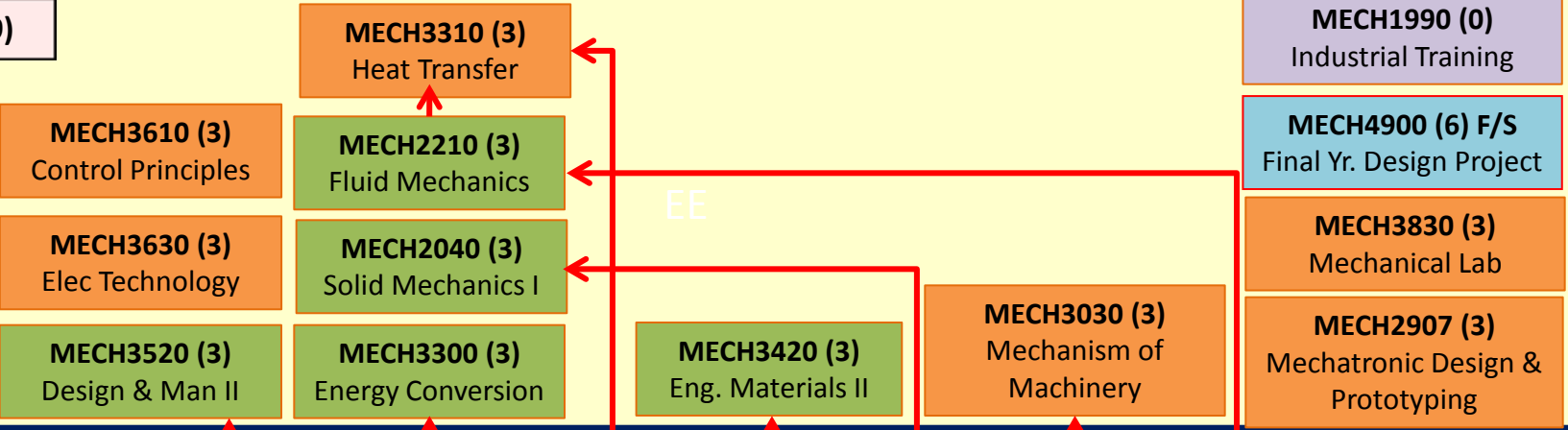
Energy (9)

Design (9)

Materials (9)

Research (6)

MECH Core (39)



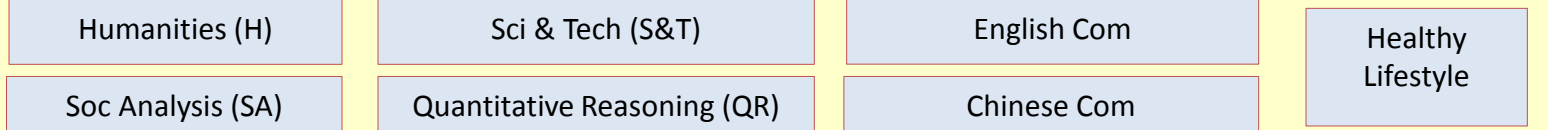
MECH Fundamentals (18)



Eng. Fundamentals (16-18)



University Common Core (36)



Recommended Pattern of Study

for 4-year MECH major students admitted in 2013/14

Semester/Year	Course 1	Course 2	Course 3	Course 4	Course 5	Credits
Fall Year 1	MATH1013/ 1020/1023	U Core: Eng. I	COMP1021/ 1022P/1022Q	U Core ME Intro	U Core	15
Spring Year 1	MATH1014/ 1024	U Core: Eng. II	1000-level Sci	PHYS1112/ 1312	U Core	15
Fall Year 2	MECH2020	LANG2030	ELEC2420	U Core	U Core	15
Spring Year 2	MECH2520	MECH2310	MECH2410	MECH3030	MECH3630	15
Winter <u>or</u> Summer Year 2	MECH1990					
Fall Year 3	MECH2040	MECH2210	MECH3300	MECH3420	MECH3520	15
Spring Year 3	MECH2907	LANG4034	MECH3310	MECH3610	MECH3830	15
Fall Year 4	MECH4900	MECH Option	U Core	U Core	Free	15
Spring Year 4	MECH4900	MECH Option	MECH Option	U Core	U Core	15