

BEng (MECH) Curriculum Structure

In-depth MECH Option (6-9)

Energy (9)

Materials (9)

Design (9)

Research (6)

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

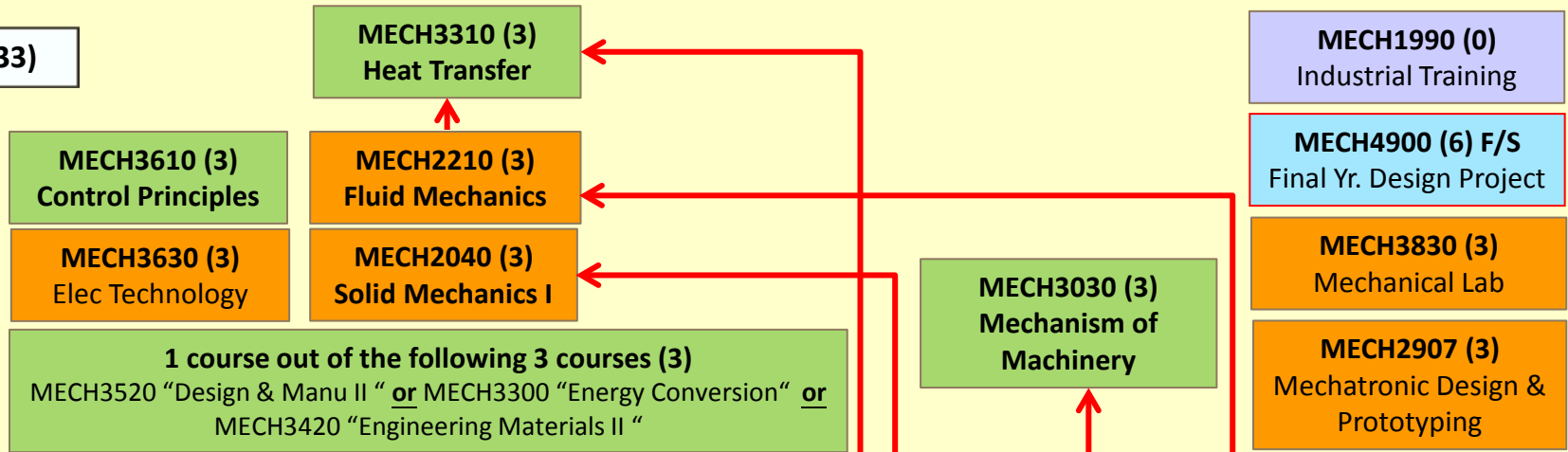
Summer/Winter Offering: PURPLE

Offering in both semesters: BLUE

Pre-requisite



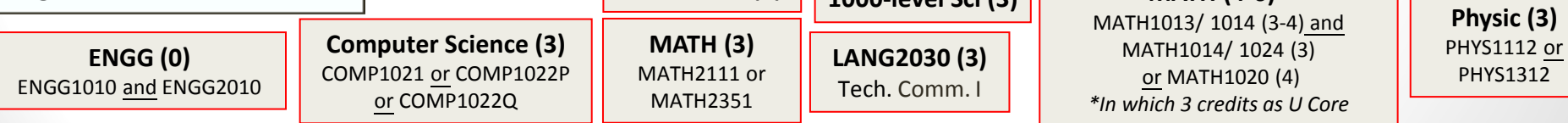
MECH Core (33)



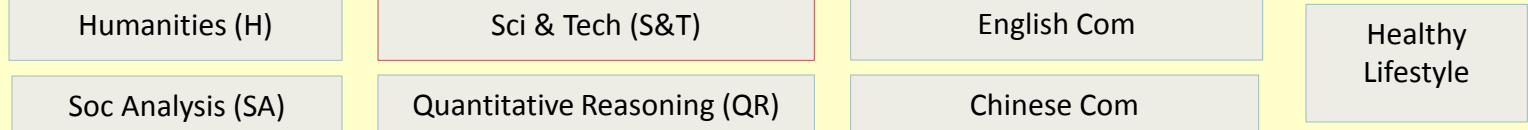
MECH Fundamentals (18)



Eng. Fundamentals (22-24)



University Common Core (36)



Recommended Pattern of Study

for 4-year MECH major students admitted in 2014/15

Semester/Year	Course 1	Course 2	Course 3	Course 4	Course 5	Credits
Fall Year 1	MATH 1013/ 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	MECH2310	MATH2011	15
Spring Year 2	MECH2410	MECH2520	MECH2040	MECH2210	MATH2111/ 2351	15
Winter or Summer Year 2	MECH1990					
Fall Year 3	MECH3030	MECH3310	MECH3610	Electives MECH 3300/3420/ 3520	U Core	15
Spring Year 3	MECH2907	LANG4034	MECH3630	MECH3830	U Core	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