

Bachelor of Science in General Engineering

Sample Four-Year Plan (Exclusive of electives)

	Fall	Winter	Spring
Freshman	CTW 1	CTW 2	core
	COEN 10 & L	MECH 10 & L	MECH 15 & L
	Math 11	Math 12	Math 13
	CHEM 11	Phys 31 & L	Phys 32 & L
	Engr 1		

	Fall	Winter	Spring
Sophomore	C&I 1	C&I 2	ELEN 50 & L
	Math 14	AMTH 106 or MATH 22	BIOE 10
	Phys 33 & L	MECH 11	COEN/ELEN 21 & L
	Ceng 41	Ceng 43 & L	core

	Fall	Winter	Spring
Junior	MATH/AMTH upper div elective	emphasis	emphasis
	emphasis	ENGR 110	core
	ELEN 115 & L	core	emphasis
	core	MECH 121	elective

	Fall	Winter	Spring
Senior	Senior design	Senior design	Senior design
	emphasis	ENGL 182A	ENGL 182B
	ENGL 181	emphasis	emphasis
	core	elective	emphasis

Notes:

Minimum of 189 units required
(ENGR 110 is 2 units)

Senior design can be one of the following sequences:

- BIOE 194, 195, 196
- CENG 192A, 192B, 193, 194
- COEN 194, 195, 196
- ELEN 194, 195, 196
- MECH 194, 195, 196

need 36 upper division emphasis units (only 8 courses listed, assuming 4 have labs)

core requirements (7 courses listed) include: C&I 3, Social Science, Diversity, Ethics, RTC 1, RTC 2, RTC 3, Experiential Learning for Social Justice, Pathway.