

Recommended Sequence of Courses

Program: Engineering Major

Department: Engineering/Physics

Program Coordinator: Vince Bertsch (707) 527-4359

This sequence is: Prescribed

Not all Engineering and Physics courses are offered each semester. All Engineering Major courses have prerequisites except ENGR 10. The following sequence assumes a student is beginning with the Fall semester fully prepared for Calculus (MATH 1A), and Chemistry (CHEM 1A or 4A).

Two (2) of these engineering courses are required for the engineering major.

* * One (1) of these physics courses is required for the engineering major.

Semester	Course Number and Course Title	Units
Semester 1	MATH 1A (MATH 27 prerequisite)	5
	CHEM 1A or CHEM 4A (CHEM 42 prerequisite)	5
	ENGR 10	1.5
	## Restricted Elective: ENGR 25 recommended 1 st semester, if needed for transfer.)	(3)
Semester 2	MATH 1B (MATH 1A prerequisite)	5
	PHYS 40 (MATH 1B pre- or corequisite)	5
	## Restricted Elective: ENGR 6 recommended 2 nd semester, if needed for transfer.)	(3)
Semester 3	MATH 1C (MATH 1B prerequisite)	4
	** Restricted Elective: PHYS 42 (PHYS 40 prerequisite; MATH 2A pre- or corequisite)	(4)
	## Restricted Elective: ENGR 34 recommended 3 rd semester, if needed for transfer.)	(3)
	## Restricted Elective: ENGR 45 recommended 3 rd semester, if needed for transfer.)	(4)
Semester 4	MATH 2 (MATH 1C prerequisite)	3
	** Restricted Elective: PHYS 41 (PHYS 40 prerequisite; MATH 2A pre- or corequisite)	(4)
	## Restricted Elective: ENGR 16 recommended 4 th semester, if needed for transfer.)	(4)

	Minimum number of units to complete the major requirements	38.5
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Last Modified: 7/13/2011