

CIVIL ENGINEERING PROGRAM CHART

This chart summarizes course and scheduling recommendations.
Students should refer to the Program Distribution Requirements for detailed information.

First Year/ Sophomore	MATHEMATICS AND SCIENCE (4 units minimum required)	
	Math	MA 1020 or MA 1021, MA 1022, MA 1023, MA 2051, MA 2611
	Science	CH 1010, CH 1020, PH 1110, GE 2341, BB 1001
	Other Math and Science	MA 1024, MA 2071, MA 2210, PH 1120, BB 1002
	HUMANITIES AND ARTS (2 units minimum required)	
	SOCIAL SCIENCE (2/3 units minimum required)	
Junior	IQP (1 unit minimum required)	
Anytime	PHYSICAL EDUCATION (1/3 unit minimum required)	

	ENGINEERING SCIENCE AND DESIGN (6 units minimum required; 4 units minimum required in Civil Engineering)							
First Year/ Sophomore	Engineering Science	CE 1030, CE 2000, CE 2001, CE 2002, CE 2020, ES 2503, ES 2800, ES 3004						
Junior/ Senior	Computer Applications	CE 3030, CE 3031						
	Outside of CE	ES 2001, ES 3001, ECE 3601 or other 2000-level or above engineering course						
	Civil Engineering	Subareas	Structural	Geotechnical	Environmental and Hydraulics	Urban and Environmental Planning	Transportation	Construction Engineering and Project Management
		Courses	CE 3010 CE 3006 CE 3008 CE 4007 CE 4017	CE 3041 CE 3044	CE 3059 CE 3060 CE 3061 CE 3062 CE 4061 CE 4600	CE 3070 CE 3074 CE 4071	CE 3050 CE 3051	CE 3020 CE 3021 CE 3022 CE 3023
		Labs	CE 3026	CE 4046	CE 4060		CE 4054	CE 3024
	MQP	Project in areas of interest, including capstone design						
Anytime	ELECTIVES (1 unit)							