

Name: _____ ID: _____ E-mail: _____ Class: _____

Major: **Civil Engineering**

Instructions Please print or type. The purpose of this study plan is to track your progress to degree completion by outlining the specific courses required for the program and when you expect to take them. Please indicate the term (semester) when you plan to take or have taken each course (e.g., 25F, 26S, 26F, etc.). If a choice of course is given for the requirement, circle the appropriate course number. For electives, fill in the course number. Courses completed via AP/IB or transfer credit should be marked as AP, IB, or TR respectively. Revise this plan as needed. An additional study plan will be required if you wish to pursue a minor or a second degree.

Term	Course	Credits	Grade	Term	Course	Credits	Grade
TERM I				TERM III			
I	CH 115 - General Chemistry I	3.0	_____	III	CE 381 - Civil Engineering Measurements Lab	3.0	_____
I	CH 117 - General Chemistry Lab I	1.0	_____	III	ENGR 211 - Statics & Intro. to Engr. Mechanics	4.0	_____
I	PRV 101 - First Year Experience	1.0	_____	III	ENGR 245 - Circuits and Systems	3.0	_____
I	ENGR 116 - Introduction to Programming	3.0	_____	III	MA 221 - Differential Equations	4.0	_____
I	ENGR 111 - Intro to Engr. Design & Sys. Thinking	4.0	_____	III	PEP 112 - Electricity and Magnetism	3.0	_____
I	MA 121 - Differential Calculus	2.0	_____				
I	MA 122 - Integral Calculus	2.0	_____				
I	HASS 103 - Writing & Communications Colloquium	3.0	_____				
TERM II				TERM IV			
II	BIO 181 - Biology & Biotechnology OR	3.0	_____	IV	CE 261 - Mechanics of Materials	3.0	_____
	CE 240 - Introduction to Geosciences OR	3.0	_____	IV	ENGR 212 - Design of Dynamical Systems	4.0	_____
	EN 250 - Quantitative Biology	3.0	_____	IV	ENGR 234 - Thermodynamics	3.0	_____
II	ENGR 122 - Field Sustainable Systems with Sensors	2.0	_____	IV	ENGR 311 - Design with Materials	4.0	_____
II	HASS 105 - Knowledge, Nature, Culture	3.0	_____	IV	Humanities ³ : _____	3.0	_____
II	MA 125 - Vectors & Matrices	2.0	_____				
II	MA 126 - Multivariable Calculus I	2.0	_____				
II	MGT 103 - Introduction to Entrepreneurial Thinking	2.0	_____				
II	PEP 111 - Mechanics	3.0	_____				

Student Signature: _____ Date: _____ ☐ Original ☐ Revision

Academic Advisor Signature: _____ Date: _____ ☐ 2nd Degree

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Term	Course	Credits	Grade	Term	Course	Credits	Grade
TERM V				TERM VII			
V	CE 343 - Fluid Mechanics	3.0	_____	VII	CE 423 - Engineering Design VII	3.0	_____
V	CE 373 - Structural Analysis	3.0	_____	VII	CE 484 - Reinforced Concrete Design	3.0	_____
V	ENGR 241 - Probability & Stats w/ Data Science Apps	4.0	_____	VII	CE 486 - Structural Steel Design	3.0	_____
V	MA 225 - Infinite Series	2.0	_____	VII	IDE 401 - Senior Innovation-II: Value Proposition	1.0	_____
V	MA 226 - Multivariable Calculus II	2.0	_____	VII	PRV 20X - Frontiers of Technology	1.0	_____
V	PRV 20X - Frontiers of Technology ⁴	1.0	_____	VII	Technical Elective ¹ : _____	3.0	_____
				VII	Humanities: _____	3.0	_____
TERM VI				TERM VIII			
VI	CE 304 - Water Resources Engineering	3.0	_____	VIII	CE 424 - Engineering Design VIII	3.0	_____
VI	CE 322 - Engineering Design VI	2.0	_____	VIII	CE 508 - Transportation Engineering OR	3.0	_____
VI	CE 365 - Num. Modeling in Civil & Environmental Engr	3.0	_____		CE 541 - Project Management for Construction	3.0	_____
VI	CE 398 - Civil Engineering Project Management	3.0	_____	VIII	IDE 402 - Senior Innovation III: Venture Plan and Pitch	1.0	_____
VI	CE 483 - Geotechnical Engineering	3.0	_____	VIII	PRV 20X - Frontiers of Technology	1.0	_____
VI	General Elective ² : _____	3.0	_____	VIII	General Elective: _____	3.0	_____
				VIII	Technical Elective: _____	3.0	_____
				VIII	Humanities: _____	3.0	_____

ADDITIONAL COURSES

Notes:

1. Technical Electives can be selected from any 500 and 600-level course offered by the Civil, Environmental, Ocean, or Mechanical Engineering Departments. At least one of the Technical Electives should be chosen from CE 508 or CE 541.
2. General Electives can be selected from available courses offered by programs in SES, SSE, SOB and HASS (including CE courses). Approval from the student's advisor and the course instructor may be required.
3. Humanities: Please see [Humanities Requirements](#) for specific requirements.
4. [SUCCESS Core Curriculum](#): Students must complete requirements including PRV 101, and three (3) courses from PRV 201, PRV 202, PRV 203, PRV 204, PRV 205

Student Signature: _____ Date: _____ Original _____ Revision _____

Academic Advisor Signature: _____ Date: _____ 2nd Degree _____