

Name _____

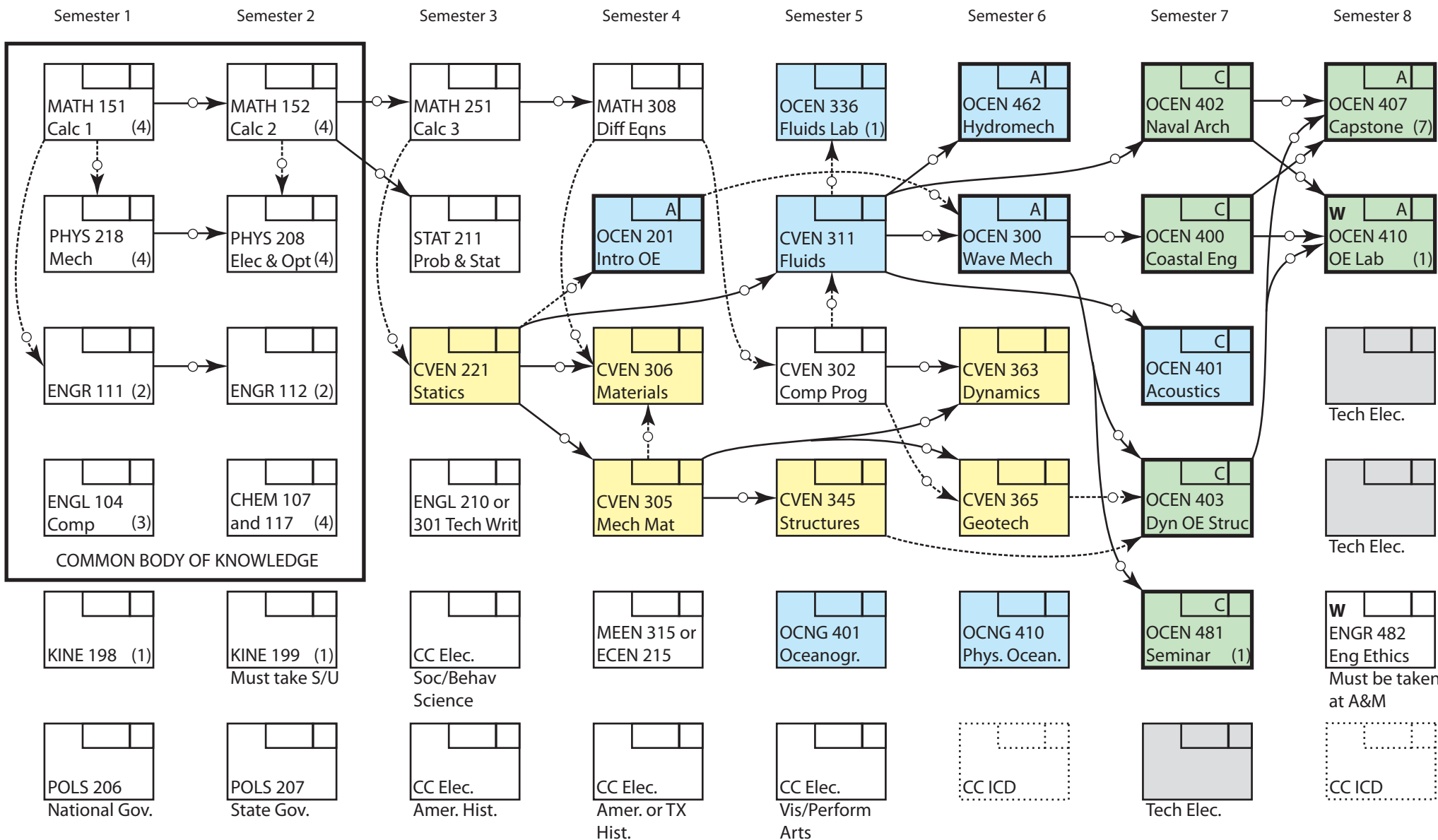
UIN _____

1st Semester at A&M _____

T
 F

NOTE: This is NOT an official document; for advising only. Consult the published Texas A&M University Catalog for complete curriculum requirements and listing of pre/co-requisites.

INSTRUCTIONS: Use the small check-boxes for each course to record the semester you take the course (00A, 00B, or 00C) and your final grade. Fill in pre/co-requisite bubbles as completed.



NOTES: Bold course boxes offered once per year: "C" denotes Fall Semester, "A" denotes Spring Semester

Bold "W" denotes a writing intensive course

All courses are 3 credits unless specified by an (.).

Arrows indicate (solid) prerequisites and (dashed) corequisites. Failure to meet a pre/co-requisite may result in being dropped from a class.

LEGEND

- Classical Fluids Courses
- Classical Structures and Materials Courses
- Courses combining Fluids and Structures/Materials

B.S. DEGREE IN OCEAN ENGINEERING (2008-09 Catalog 131)

FRESHMAN YEAR

First Semester	Cr	Gr	Sem Comp	Second Semester	Cr	Gr	Sem Comp
ENGL 104 Composition & Rhetoric	3	—	—	CHEM 107 Chemistry for Engineers	4	—	—
ENGR 111 Foundations in Engineering I	2	—	—	ENGR 112 Foundations in Engineering II	2	—	—
MATH 151 Engineering Math. I	4	—	—	MATH 152 Engineering Math. II	4	—	—
PHYS 218 Mechanics	4	—	—	PHYS 208 Electricity and Optics	4	—	—
Core Curric. Elec. ¹	3	—	—	Core Curric. Elec. ¹	3	—	—
KINE 198 Health & Fitness Activity	1	—	—	KINE 199 Required Physical Activity	1	—	—
	17				18		

SOPHOMORE YEAR

CVEN 221 Engr. Mech.: Statics	3	—	—	CVEN 305 Engr. Mech. of Materials	3	—	—
MATH 251 Engineering Mathematics III	3	—	—	CVEN 306 Materials for Civil Engineers	3	—	—
STAT 211 Principles of Statistics I	3	—	—	MEEN 315 Prin. of Thermodynamics	3	—	—
Core Curric. Elec. ¹	3	—	—	or			
Core Curric. Elec. ¹	3	—	—	ELEN 215 Principles of Electrical Engr.	3	—	—
				MATH 308 Differential Equations	3	—	—
				OCEN 201 Intro. to Ocean Engineering ⁴	2	—	—
				Core Curric. Elec. ¹	3	—	—
	15				17		

JUNIOR YEAR

CVEN 302 Comp. Appl. in Engr. & Const.	3	—	—	CVEN 363 Engr. Mech.: Dynamics	3	—	—
CVEN 311 Fluid Dynamics	3	—	—	CVEN 365 Intro. to Geotechnical Engr	3	—	—
CVEN 336 Fluid Dynamics Lab	1	—	—	OCEN 300 Ocean Engr. Wave Mechanics ⁴	3	—	—
CVEN 345 Theory of Structures	3	—	—	OCNG 410 Intro. to Phys. Oceanography	3	—	—
OCNG 401 Intro. to Oceanography	3	—	—	OCEN 462 Hydromechanics ⁴	3	—	—
Writing Skills Elec. ²	3	—	—				
	16				15		

SENIOR YEAR

OCEN 301 Dyn. of Offshore Structures ⁴	3	—	—	ENGR 482 Ethics and Engineering	3	—	—
OCEN 400 Basic Coastal Engineering ⁴	3	—	—	OCEN 407 Design of Ocean Engr. Facilities ⁴	4	—	—
OCEN 401 Underwater Acoustics for OE ⁴	3	—	—	OCEN 410 Ocean Engineering Lab. ⁴	1	—	—
OCEN 402 Naval Architecture ⁴	3	—	—	Core Curric. Elec. ¹	3	—	—
OCEN 481 Seminar	1	—	—	Technical Elective ³	3	—	—
Technical Elective ³	3	—	—	Technical Elective ³	3	—	—
	16				17		

NOTES: ¹To be selected from the University Core Curriculum. Of the 18 hours shown as University Core Curriculum electives, 3 must be from visual and performing arts, 3 from social and behavioral science, 6 from U.S. history, 6 from POLS 206 and 207, and 6 from international and cultural diversity. The international and cultural diversity requirement may be met by courses satisfying the visual and performing arts, social and behavioral sciences, and the political science and history requirements if they are also on the approved list of international and cultural diversity courses.

²This elective is to be selected from ENGL 210 or 301.

³The technical elective program must be approved by the department head or the undergraduate advisor. Technical electives are chosen from the approved technical elective list, and at least 3 credit hours must be engineering design.

⁴A grade of "C" or better is required for these ocean engineering courses.

Inter. & Cultural Diversity _____

Inter. & Cultural Diversity _____