				nical Engineeri otal Credit Hours. <u>E</u>			UHID#_		Semester Credit Hrs.
Fall	1	MATH 1330 MATH 1431	MATH 1330 CHEM 1331	CHEM 1111 CHEM 1331		MECE 1100	ENGL 1303	POLS 1336	15
Spring	2	MATH 1431 MATH 1432	PHYS 1321 MATH 1432	CHEM 1331 CHEM 1332	CHEM 1111 CHEM 1112 CHEM 1332	MATH 1431 MECE 1331	ENGL 1303 ENGL 1304		17
Fall	3	MATH 1432 MATH 2433	PHYS 1321 PHYS 1322 MATH 2433		PHYS 1321 MECE 2336 MATH 2433		ENGL 1304, MECE 1331 ENGI 2304	Language, Phil, Culture Core	16
Spring	4	MATH 1432 MATH 3321		PHYS 1322, MATH 2433, CHEM 1372, 1117 MECE 2334	MECE 1331, 2336 MECE 3336 MATH 3321	ENGI 2304, MECT 1330 MECE 2361		POLS 1337	15
Fall	5	MATH 2433, 3321 MATH 3363		MECE 2361, 3336 MECE 3338 (F)	CHEM 1372, 1117, MECE 2334, 3336 MECE 3345	MECE 3336 MECE 3369 (F) MATH 3363	HIST 1377	Social & Behavioral Science Core	18
Spring	6	MECE 3369 MECE 3381 (S) MATH 3363	MECE 2334, 3336, ENGI 2304 MECE 3360	MECE 2334, 3336 MECE 3363 (s) MATH 3363	MECE 3345, ENGI 2304 MECE 3245		HIST 1378	Creative Arts Core	17
Fall	7	Senior standing in ME MECE Elective	MATH 3363 MECE 4331 MECE 3381	MATH 3363, MECE 3363 MECE 4364	MECE 3338, 3345, 3360, 3381 MECE 4340 (F) MECE 4331, 4364	MECE 2334 MECE 4343 (F) MECE 4364			15
Spring	8	Senior standing in ME MECE Elective	MECE 3360, 4364 MECE 4371	or MECE 3338, 3360 MECE 4372	MECE 4340 MECE 4341 (s)	Senior standing in ME MECE Elective	Senior standing in ME MECE Elective	 Total	15 128

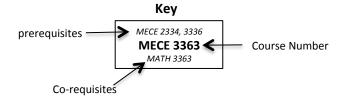
Nama

- The first digit in a course number indicates level, while the second digit is the number of credit hours. For example, MATH 2433 is a 4 credit hour sophomore-level course in mathematics.
- Prerequisites appear above the main course number, while co-requisites are shown below. Consult the instructor if you don't meet these requirements. Course titles are on the other side of this page. Specific senior level MECE Electives may have additional prerequisites.
- Students must satisfy a drafting requirement by completing MECT 1330 or by petitioning high school drafting or relevant industrial experience.
- For Chemistry, you are required to take CHEM 1331, CHEM 1332, CHEM 1111 and CHEM 1112.
- Guidelines for selecting MECE electives are listed on the other side of this page. You must petition any exceptions to these guidelines.
- Courses that include (F) or (S) on the lower left corner are usually only offered once a year in the indicated term (F for fall and S for Spring).

UH - Mechanical Engineering: BSME Degree Plan. Effective Fall 20145

First advising contact is: Ms. Tracy Pringer, Advising Assistant N207, Engineering Bldg. 1, 713-743-4500, tpringer@central.uh.edu

Core					
ENGL 1303	1303 Freshman Composition I				
ENGL 1304	. 1304 Freshman Composition II				
HIST 1377	377 The United States to 1877				
HIST 1378	The United States since 1877				
POLS 1336	U.S. and Texas Constitution and Politics				
POLS 1337	U.S. Government: Congress, President and Courts				
ENGI 2304	Technical Communications				
(i) Language, Philo (ii) Social & Behavi (iii) Creative Arts: Students need thr	r the Core requirements for: Language, Philosophy & Culture, Social & Behavioral Sciences, and I Creative Arts: Idents need three courses. See UH Core Curriculum for approved list of courses.				
Natural Science a	Natural Science and Mathematics				
CHEM 1331	Fundamentals of Chemistry - I				
CHEM 1111	Fundamentals of Chemistry Laboratory - I				
CHEM 1332	Fundamentals of Chemistry - II				
CHEM 1112	Fundamentals of Chemistry Laboratory - II				
MATH 1431	Calculus I				
MATH 1432	Calculus II				
MATH 2433	Calculus III				
MATH 3321	Engineering Mathematics				
MATH 3363	Introduction to Partial Differential Equations				
PHYS 1321	University Physics I				
PHYS 1322	University Physics II				



Engineering	
MECT 1330	Computer-aided Drafting – required, but does not apply to BSME degree
MECE 1100	Introduction to Mechanical Engineering
MECE 1331	Computing for Engineers
MECE 2334	Thermodynamics
MECE 2336	Mechanics I (Statics)
MECE 2361	Mechanical Design I: Design Analysis and Synthesis
MECE 3245	Materials Science Laboratory
MECE 3336	Mechanics II (Dynamics)
MECE 3338	Dynamics and Control of Mechanical Systems
MECE 3345	Material Science
MECE 3360	Experimental Methods Laboratory
MECE 3363	Introduction to Fluid Mechanics
MECE 3369	Solid Mechanics
MECE 3381	Introduction to Finite Element Methods
MECE 4331	Design of Machine Elements
MECE 4343	Thermal Design
MECE 4340	Mechanical Engineering Capstone I
MECE 4341	Mechanical Engineering Capstone II
MECE 4364	Heat Transfer
MECE 4371	Thermal/Fluids Laboratory
MECE 4372	Mechanics, Controls and Vibrations Laboratory
-	ed electives, only one may be non-MECE course
Approved MEC	E Electives (must have senior standing in ME) are:
	MECE 4399 Senior Honors Thesis
MECE 4398: Spe	ecial Problems (no more than one course)
MECE 53xx or h	igher
advisor)	, ENGI, INDE, PETR, BIO 33xx or higher from an approved list (see
MATH 43xx (ma (see advisor)	y also be used to apply for a Math Minor) from an approved list