

The program of courses listed below satisfies the ABET accreditation criteria of 32 credits of mathematics and basic sciences, 32 credits of engineering sciences, and 16 credits of engineering design. Any deviations must be approved by the student's advisor, department chair, and dean. The University General Education Core and graduation requirements for Engineering are included.

ALL COURSES MUST BE TAKEN FOR LETTER (A - F) GRADES

FRESHMAN

SOPHOMORE

ME 113	2	Math 242	3	CEE 270	3	CEE 271	3
Math 241 (FS)	4	Math 242L	1	Math 243	3	Math 244	3
Chem 161 (DP)	3	Phys 170 (DP)	4	Phys 272 (DP)	3	ME 213	2
Chem 161L (DY)	1	Phys 170L (DY)	1	Phys 272L (DY)	1	Econ 120, 130 or 131(DS)	3
Eng 100 (FW)	3	Chem 162 (DP)	3	EE 211	4	Math 302	3
Math 190	1	Sp 251 (DA)	3	FG	3		
H Focus (1)		E Focus (1)		O Focus (1)		W Focus (5)	

UPPER DIVISION

ME 311	3	ME 312	3	ME 401	3	ME 402	2
ME 331	3	ME 322	3	ME 422	3	ME 482	3
ME 371	3	ME 341	3	ME 480	3	TE	3
ME 373	2	ME 341L	1	ME 481	3	DH or DL	3
ME 374	3	ME 372	3	TE	3	FG	3
Phys 305 or Math 407	3	ME 375	3			DS	3

ELECTIVES

TE: Technical Electives (6 credits).

Two courses that can be selected from ME 400-level technical electives (3), one of which can be replaced with a non-ME course (3) (with approval from Dept. Chair); and a second that can be replaced with an ME 600-level course (3) (3.00 GPA minimum and approval from Dept. Chair) or ME 499 (3).

NOTES

1. Please refer to General Education Core Requirements in UH Manoa Catalog for Diversification (DH, DL, DS) and FG Foundation Courses.
2. Math 251/252/242L/253 may be substituted for Math 241-244 above.
3. Chem 181/181L may be substituted for Chem 161/161L and 162 above.
4. Writing Intensive (W) required - 5 courses (minimum of 2 in upper division).
5. One course each required for Hawaiian, Asian & Pacific Issues (H), Oral Communication (O) and Contemporary Ethical Issues (E).
6. A grade of 'C' or better is required in ME 311 prior to registration in ME 312 and ME 322.
7. ME 301 may be substituted for ME 401. ME 342 may be substituted for ME 341L.

APPROVAL FOR GRADUATION: Initial:

Date: