

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 is included.

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

FRESHMAN

SOPHOMORE

Eng 100	3	EE 160	4	EE 211	4	EE 213	4
Math 241	4	Math 242	3	EE 260	4	Math 244	3
Chem 161	3	Math 242L	1	Math 243	3	Phys 274	3
Chem 161L	1	Phys 170	4	Phys 272	3	EE 296	1
Sp 251	3	Phys 170L	1	Phys 272L	1	FG	3
		Chem 162	3			Econ 120, 130 or 131	3
SI Courses (3)							
H Focus (1)		E Focus (1)		O Focus (1)		W Focus (5)	

UPPER DIVISION

EE 315	3	EE 341	3	Major	3	EE 496	3
EE 323	3	EE 341L	1	(Lab) EE	1	Major	3
EE 323L	1	EE 342	3	Major	3	Major	3
EE 324	3	Major	3	TE	3	FG	3
EE 371	3	(Lab) EE	1	DH or DL	3		
Math 302	3	EE 396	2	DS	3		
		EB	3				

E.E. Electives - One track (major) from below, plus a TE from a second track. Design/project course EE 496 MUST be in the major track.

ELECTRO-PHYSICS TRACK

plus 6 credits from:

EE 326, 326L      EE 422, 422L, 423, 425, 427  
EE 327      EE 328, 328L, 426  
EE 372, 372L      EE 473, 474, 475, 477

SYSTEMS TRACK

plus 9 credits from:

EE 351, 351L      EE 344, 442, 446, 449  
EE 415      EE 452, 453

COMPUTER TRACK

plus 6 credits from:

EE 361, 361L      EE 344, 461, 449  
EE 366      EE 467, 468, 469  
EE 367, 367L

ALTERNATIVE TRACK

A student along with a faculty member may propose an alternative track, which must be (1) equivalent in rigor & breadth to the above tracks; (2) endorsed by another faculty member; & (3) approved by the Dept.'s Undergraduate Curriculum Committee.

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. Enrollment in EE courses requires a grade of 'C' or better in all prerequisite courses.
7. Speaking intensive (SI) course requirements include EE 296, EE 396, EE 496.
8. Engineering Breadth (EB) is satisfied by CEE 270, ME 311, or a CEE, ME, OE, or BE course at the 300-level or higher; or a physical or biological science course at the 300-level or higher and approved by the Department's Undergraduate Curriculum Committee.

TE - EE course 300 or above (outside major track)

APPROVAL FOR GRADUATION: Initial:

Date:

