

CURRICULUM CHECK SHEET

August 2010

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. A total of 124 credits are required.

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

LOWER DIVISION							
FRESHMAN				SOPHOMORE			
Eng 100 (FW)	3		EE 160	4		EE 211	4
Math 241 (FS)	4		Math 242	4		EE 260	4
Chem 161 (DP)	3		Phys 170 (DP)	4		Math 243	3
Chem 161L (DY)	1		Phys 170L (DY)	1		Phys 272 (DP)	3
FG	3		Chem 162 (DP)	3		Phys 272L (DY)	1
						Sp 251 (DA)	3
						FG	3
H Focus (1)			E Focus (1)			O Focus (1)	
						W Focus (5)	

UPPER DIVISION							
EE 315	3		EE 323	3		Major EE	3
EE 324	3		EE 323L	1		(Lab) EE	1
EE 371	3		EE 342	3		Major EE	3
Math 307	3		TE	3		TE	3
EB	3		Major EE	3		(Lab) TE	1
			(Lab) EE	1		Econ 120, 130 or 131 (DS)	3
			EE 396	2		DS	3

EE Electives - One track (major) from below, plus two TEs (one of which must be outside track) with one lab.

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 6 credits from:

EE 341, 341L EE 344, 442, 446, 449
EE 351, 351L EE 452, 453
EE 415 EE 416, 417

COMPUTER ENGINEERING TE's:

EE 205, EE 361, 361L, EE 366, EE 367, 367L
EE 406, EE 467, EE 468, EE 469

ALTERNATIVE TRACK

A student along with a faculty member may propose an alternate 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 251/252/253 may be substituted for Math 241-244 above.
3. Chem 181/181L may be substituted for Chem 161/161L and Chem 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. 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.