

CURRICULUM CHECK SHEET

August 2024

The program of courses listed below satisfies the ABET accreditation criteria of 30 credits of mathematics and basic sciences, and 45 credits of engineering sciences and 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

LOWER DIVISION

FRESHMAN

SOPHOMORE

Eng 100 (FW)	3	Math 242	4	Math 243	3	Math 244	3
Math 241 (FQ)	4	Phys 170 (DP)	4	CEE 270	3	Math 302	3
Chem 161 (DP)	3	Phys 170L (DY)	1	Phys 272 (DP)	3	CEE 271 or ME 271	3
Chem 161L (DY)	1	Chem 162 (DP)	3	Phys 272L (DY)	1	Biol 171 (DB)	3
FG	3	Chem 162L(DY)	1	Phyl 141 (DB)	3	Biol 171L (DY)	1
		ECE 160 or ICS 111	4	Phyl 141L (DY)	1	DS	3
				FG	3		

H Focus (1)	E Focus (1)	O Focus (1)	W Focus (5)
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UPPER DIVISION

JUNIOR

SENIOR

ECE 211	4	Math 372	3	ME 481	4	ME 482	3
ME 311	4	ME 322	4	Micr 361	4	TE	3
ME 371 or CEE 370	3	ME 451	3	KRS 463	3	TE	3
ME 375	4	Bioc 241	3	TE	3	Comg 251 (DA)	3
		Econ 120,130 or 131(DS)	3			DH or DL	3

Technical Electives (TE):

- PHYL 142
- Chem 272/272L, Chem 273/273L
- BE 373
- BE 420
- ECE 213, ECE 323, ECE 480 (Students must complete ECE 213 to take ECE 323 and/or ECE480. All of these courses may count towards completing core electives.)
- ME 331
- ME 341
- ME 422, ME 423 (Students must complete ME 422 to take ME 423. Both courses may count towards completing core electives.)
- ME 620
- ME 630
- KRS 663

NOTES

1. Refer to General Education Core Requirements in UH Manoa Catalog for Diversification (DH, DL, DS) Courses and Foundation (FG) Courses.
2. Math 251A/252A/253A may substitute for Math 241-244.
3. Writing Intensive (W/WI) required - 5 courses (minimum of 2 in upper division).
4. One course each required for Hawaiian, Asian & Pacific Issues (H/HAP), Oral Communication (O/OC) and Contemporary Ethical Issues (E/ETH).
5. H/HAP (Hawaiian, Asian Pacific Issues) Focus not included in engineering courses. Students may look for an H/HAP focus that double counts with the DH/DL or DS requirement or take one standalone.
6. Enrollment in ECE courses requires a grade of 'C' or better in all prerequisite courses.
7. At least 45 credits must be upper division (300+ lvl)

APPROVAL FOR GRADUATION: Initial: \_\_\_\_\_

Date: \_\_\_\_\_