

CURRICULUM CHECK SHEET  
August 2021

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
		EE 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)	

UPPER DIVISION

EE 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
- EE 213, EE 323, EE 480 (Students must complete EE 213 to take EE 323 and/or EE480. 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 UHM Catalog for Diversification (DH, DL, DS) and Foundation (FG) Courses.
2. Math 251/252/253 may substitute for Math 241-244.
3. Chem 181/181L or Chem 171/171L may substitute for Chem 161/161L and Chem 162/162L.
4. ICS 111/211/212 may substitute for EE 160/205.
5. Writing Intensive (W) required - 5 courses (minimum of 2 in upper division).
6. One course each required for Hawaiian, Asian & Pacific Issues (H), Oral Communication (O) and Contemporary Ethical Issues (E).
7. Enrollment in EE courses requires a grade of 'C' or better in all prerequisite courses.
8. At least 45 credits must be upper division (300+ lvl)