

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 topics. Any deviations must be approved by the student's advisor, department chair and dean. The University General Education Core & graduation requirements for Engineering are included. All lower division CEE courses must be completed before taking upper division CEE courses, except CEE 305, 370, and 370L.

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

FRESHMAN				SOPHOMORE			
Eng 100 (FW)	3	Math 242	4	CEE 270	3	CEE 271 or ME 271	3
Math 241 (FQ)	4	Phys 170 (DP)	4	Math 243	3	Math 244	3
Chem 161 (DP)	3	Phys 170L (DY)	1	Phys 272 (DP)	3	CEE 370	3
Chem 161L (DY)	1	Chem 162 (DP)	3	Phys 272L (DY)	1	CEE 370L	1
ECE 160, 110 or ICS 111	4/3	Comg 251 (DA)	3	CEE 250	3	CEE 220	3
DH or DL	3	FG	3	FG	3	SE (DB)	3

H Focus (1)	E Focus (1)	O Focus (1)	W Focus (5)
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JUNIOR				SENIOR			
CEE 305	3	CEE 355	4	CEE 471	3	CEE 473	3
CEE 320	4	CEE 361	3	CEE 472	3	CEE 476	3
CEE 375	3	CEE 381	3	CEE 474	3	CEE 490	3
Econ 120, 130 or 131 (DS)	3	TES or TE	3	CEE 405	3	CEE 478	3
ACC 200	3	DS	3	CEE 489	3	CEE 479	3

**ELECTIVES**

**SE: Science Elective**  
OCN 102, GEOG 309, PEPS 210, TPSS 156, TPSS 200

**TE: Technical Elective**  
Any 47x or any of the following 600 level CEE course:  
CEE 601; CEE 602; CEE 604; CEE 612; CEE 614;  
CEE 620; CEE 660; CEE 672; CEE 688  
ERTH 461; ME 331; PLAN 473

**TES: Technical Elective with focus on Sustainability**  
BE 410; CEE 440; CEE 441; ERTH 407; GEO 412;  
GEO 410; ME 453; NREM/SUST 442; OCN 435;  
PLAN 414; SUST 402

- NOTES**
- Please refer to General Education Core Requirements in UH Manoa Catalog for Diversification (DH, DL, DS) Courses and Foundation (FG) Courses.
  - Math 251A/252A/253A may be substituted for Math241-244 above.
  - Chem 171/171L or Chem 181/181L may be substituted for Chem 161/161L and Chem 162 above.
  - C or better required for passing Phys 170, CEE 270 and CEE 370.
  - Writing Intensive (W/WI) Focus required - 5 courses with minimum of 2 in upper division. 4 WI courses are covered by the required upper division engineering courses. One more WI must be taken either standalone or double counted with the DH/DL or DS requirements.
  - One course each required for Hawaiian, Asian & Pacific Issues (H/HAP) Focus, Oral Communication (O/OC) Focus and Contemporary Ethical Issues (E/ETH) Focus.
  - 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.