### UHM General Education Core Requirements

#### Foundations
- FW
- FS
- FG (A / B / C)
- FG (A / B / C)

#### Diversification
- DA / DH / DL
- DA / DH / DL
- DB not required for EE students.
- DP
- DY
- DS
- DS

*See degree, college and major requirements for courses that can also fulfill these.*

### UHM Graduation Requirements

#### Focus
- H
- E (300+)
- O (300+)
- W
- W
- W (300+)
- W (300+)

#### Hawaiian / Second Language
- The Hawaiian or Second Language requirement is not required for students admitted to the College of Engineering.

#### Credit Minimums
- 124 total applicable
- 30 in residence at UHM

#### Grade Point Average
- 2.0 cumulative or higher
- Good academic standing

### Degree Requirements

#### Bachelor of Science Requirements
- Calculus I & II
- General Chemistry I with lab & II
- General Physics I & II with labs

#### College Requirements

#### Admission Requirements for Transfer Students
- 3.0 cumulative GPA
- Completion of the following courses:
  - ENG 100*FW
  - MATH 241*FS
  - MATH 242
  - CHEM 161*DP / 161L*DY
  - CHEM 162*DP
  - PHYS 170*DP / 170L*DY

**Can fulfill DA**
- SP 251

**Can fulfill DS**
- ECON 120, 130 or 131

#### Math Requirements
- MATH 241*FS
- MATH 242
- MATH 243
- MATH 244

#### Natural Sciences Requirements
- CHEM 161*DP / 161L*DY
- CHEM 162*DP
- PHYS 170*DP / 170L*DY
- PHYS 272*DP / 272L*DY

#### Grade Point Average
- 2.0 GPA for all upper division (300+) mathematics, sciences, and engineering courses.

### Engineering Major Requirements

See back for major information. Meet regularly with your Engineering advisor.
Advising is mandatory every semester for Engineering students.
Major Requirements for BS in Mechanical Engineering

Admission: Open
Application: Required for students who do not apply straight into the program.
Min. major credits: 73
Min. exit GPA: 2.0 overall and 2.0 in upper division technical coursework.

### Requirements

#### Mechanical Engineering Core Courses (64 credits)

- ME 213
- CEE 270 (C, not C-, or higher to advance)
- CEE 271
- MATH 190
- MATH 302 or MATH 307
- EE 211
- ME 311
- ME 312
- ME 322
- ME 331
- ME 341 / ME 342
- ME 360, MATH 407, or PHYS 305
- ME 371 or CEE 370
- ME 372
- ME 374
- ME 375
- ME 402
- ME 422
- ME 480
- ME 481
- ME 482

#### Mechanical Engineering Technical Elective Courses (9 credits)

- Technical Electives
- Technical Electives
- Technical Electives

#### Technical Elective Options

- Any ME 400-level electives.
- One of the three may be non-ME course (with chair’s approval) or PHYS 274 or BIOL 171 (without approval).
- Another may be a ME 600-level courses (with a minimum of 3.0 GPA and chair’s approval) or ME 499.

### Notes

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