**UHM General Education Core Requirements**

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

**UHM Graduation Requirements**

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| W (300+)                  |                  |
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<th>Hawaiian / Second Language</th>
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| The Hawaiian or Second Language requirement is **not** required for students admitted to the College of Engineering.

**Credit Minimums**

- 120 total applicable
- 30 in residence at UHM
- 45 upper division (300+ level) credits

**Grade Point Average**

- 2.0 cumulative or higher *(Note: Other GPAs may be required)*
- Good academic standing

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**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*W
  - MATH 241*FS
  - MATH 242
  - CHEM 161*DP / 161L*DY
  - CHEM 162*DP
  - PHYS 170*DP / 170L*DY

* Can fulfill DA
  - COMG 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.

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_This program sheet was prepared to provide information and does not constitute a contract. See back for major requirements._

_Meet regularly with your major advisor. Advising is mandatory every semester for Engineering students._
# Major Requirements for BS in Civil Engineering

**Admission:** Open  
**Application:** Required for students who do not apply straight into the program.  
**Min. major credits:** 74-75  
**Min. exit GPA:** 2.0 overall and 2.0 in upper division technical coursework

## Requirements

### Civil Engineering Core Courses (65-66 credits)
- EE 160 or ICS 111
- CEE 270
- CEE 271
- CEE 305
- CEE 320
- CEE 330
- CEE 355
- CEE 361
- CEE 370 / CEE 370L
- CEE 375
- CEE 381
- CEE 421
- CEE 431
- CEE 455
- CEE 461, 462, or 464
- CEE 471 or 472
- CEE 485 or 486
- CEE 489B / CEE 489C (senior standing; offered in the Fall only; co-requisite courses)
- CEE 490 (senior standing)
- ME 403; GG 312; or, MATH 302 or 307

### Civil Engineering Technical Elective Courses (6 credits)
- Technical Elective
- Technical Elective on Sustainability

### Civil Engineering Biological Science Elective Course (3 credits)
- BE 120; MICR 130; BIOL 101, 123, or 171; or ZOOL 101 (all can also fulfill DB)

## Technical Elective Options
- Any 400 or 600 level CEE courses.
- May include one course from: EE 211, ME 311, ME 374, ORE 411.
- Courses with a Sustainability focus: BE 410, CEE 444, GEOG 410, ME 453; OCN 435

## Specialty Tracks
- Students who want to pursue a structures track should refer to the curriculum check sheet for alternative course work.

### Notes
- College of Engineering: Holmes 250; (808) 956-8404; info@eng.hawaii.edu; www.eng.hawaii.edu
- Director of Academic Affairs: Tep Dobry, PhD; Holmes 240A; (808) 956-8404; tep@hawaii.edu

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