# Bachelor of Science (BS) in Computer Science

**Admissions:** Open  
**Process:** Declaration  
**Min. Total Credits:** 120 (111 in core & major + 9 in electives)

## UHM General Education Core Requirements

### Foundations
- **FW** ENG 100, 100A, 190, ESL 100, or AMST 111
- **FS** MATH 215, 241, or 251A
- **FG** (A / B / C)
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### Diversification
- **DA / DH / DL**
- **DA / DH / DL**
- **DB**
- **DP** CHEM 161
- **DY** CHEM 161L
- **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**
- **W** (300+)
- **W** (300+)

### Hawaiian / Second Language
- **101**
- **102**
- **201**
- **202**

### 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

## Degree Requirements

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

*Refer to major requirements for the specific courses that satisfy these requirements.*

### College Requirements

### Credit Maximums
- 8 KRS activity
- 9 Directed Reading / Research
- 12 Practicum / Internship

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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.
## Major Requirements for BS in Computer Science

**Admission:** Open  
**Application:** NA  
**Min. major credits:** BS = 51  
Min. B grade in ICS 111, 141, 211, and 241; min. C grade (not C-) in all other courses

### Requirements

#### ICS Core Courses (36 credits)

- ICS 111 minimum B (not B-) grade or higher to advance
- ICS 141* minimum B (not B-) grade or higher to advance
- ICS 211 minimum B (not B-) grade or higher to advance
- ICS 212
- ICS 241* minimum B (not B-) grade or higher to advance
- ICS 311
- ICS 314
- ICS 321
- ICS 332

**Two of:**

- ICS 312 or ICS 331
- ICS 313 or ICS 361
- ICS 351 or ICS 451
- ICS 355 (prerequisite: ICS 222)

#### BS only (15 credits)

- ICS 400+
- ICS 400+
- ICS 400+
- ICS 400+

### Notes

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