Bachelor of Arts (BA) in Information and Computer Sciences

**Admissions:** Open  **Process:** Declaration  
**Min. Total Credits:** 120 (101 in core & major + 19 in electives)

### UHM General Education Core Requirements

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<th>Foundations</th>
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<td>FW ENG 100, 100A, 190, or ESL 100</td>
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<td>FS ICS 141</td>
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<td>FG (A / B / C)</td>
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*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

**College Requirements**

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<th>Credit Maximums</th>
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<td>8 KRS activity</td>
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<td>9 Directed Reading / Research</td>
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<tr>
<td>12 Practicum / Internship</td>
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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 BA in Information and Computer Sciences

### Admission: Open
Application: NA
Min. major credits: BA = 52
Min. B grade in ICS 111 and 211; min. C grade (not C-) in all other courses

### Requirements

#### ICS Core Courses (31 credits)
- ICS 111 (minimum B grade or higher to advance)
- ICS 141*<sup>a/b</sup>
- ICS 211 (minimum B grade or higher to advance)
- ICS 212
- ICS 241
- ICS 311
- ICS 312 or ICS 331
- ICS 313 or ICS 361
- ICS 321
- ICS 332

Courses differ for students pursuing the IT focus.

#### Approved Electives (21 credits)
- ICS 400+
- ICS 400+
- ICS 400+

Courses differ for students pursuing the IT or Bioinformatics focus. Students interested in either option are referred to an ICS advisor.

#### Four upper-division electives in an area of concentration (12 credits):
- 300+
- 300+
- 300+
- 300+

A proposal identifying upper-division elective courses and how they form a coherent plan of study must be approved by an ICS advisor.

### Notes

College of Arts & Sciences, Student Academic Services: QLCSS 113; (808) 956-8755
Information and Computer Sciences Department: POST 317; (808) 956-7420; icsinfo@hawaii.edu; www.ics.hawaii.edu
ICS Undergraduate Advisor: Gerald Lau; POST 303A; (808) 956-5428; glau@hawaii.edu

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