# 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

**Foundations**
- FW ENG 100, 100A, 190, ESL 100, or AMST 111
- FS ICS 141
- FG (A / B / C)
- FG (A / B / C)

**Diversification**
- DA / DH / DL
- DA / DH / DL
- DB
- 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
- 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

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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*  
- 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