



University of Hawai'i at Mānoa
Colleges of Arts & Sciences Program Sheet 2017-2018
Bachelor of Science (BS) in Computer Science
Security Science Track

Admissions: Open Process: Declaration
Min. Total Credits: 120 (108 in core & major + 12 in electives)

UHM General Education Core Requirements
Foundations
<input type="checkbox"/> FW ENG 100, 100A, 190, ESL 100, or AMST 111
<input type="checkbox"/> FS MATH 215, 241, or 251A
<input type="checkbox"/> FG (A / B / C)
<input type="checkbox"/> FG (A / B / C)
Diversification
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DB
<input type="checkbox"/> DP CHEM 161
<input type="checkbox"/> DY CHEM 161L
<input type="checkbox"/> DS
<input type="checkbox"/> DS
<i>* See degree, college and major requirements for courses that can also fulfill these.</i>
UHM Graduation Requirements
Focus
<input type="checkbox"/> H
<input type="checkbox"/> E (300+)
<input type="checkbox"/> O (300+)
<input type="checkbox"/> W
<input type="checkbox"/> W
<input type="checkbox"/> W
<input type="checkbox"/> W (300+)
<input type="checkbox"/> W (300+)
Hawaiian / Second Language
<input type="checkbox"/> 101
<input type="checkbox"/> 102
<input type="checkbox"/> 201
<input type="checkbox"/> 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 (<i>Note: Other GPAs may be required.</i>)
• Good academic standing

Degree Requirements
Bachelor of Science Requirements
<input type="checkbox"/> Calculus I
<input type="checkbox"/> Calculus II
<input type="checkbox"/> Chemistry I with lab
<input type="checkbox"/> Chemistry II with lab
<input type="checkbox"/> Physics I with lab
<input type="checkbox"/> Physics II with lab
<i>Refer to major requirements for the specific courses that satisfy these requirements.</i>
College Requirements
Credit Maximums
• 8 KRS activity
• 9 Directed Reading / Research
• 12 Practicum / Internship



*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 with Security Science Track

Admission: Open

Application: NA

Min. major credits: BS = 48

Min. B (not 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*^{FS} minimum B (not B-) grade or higher to advance
- ICS 211 minimum B (not B-) grade or higher to advance
- ICS 212
- ICS 241*^{FS} minimum B (not B-) grade or higher to advance
- ICS 311
- ICS 314
- ICS 321
- ICS 332

The following two:

- ICS 351 or ICS 451
- ICS 355 (prerequisite: ICS 222)

BS Computer Science Security Science only (12 credits)

- ICS 423, ICS 425, ICS 426, ICS 455, ICS 495, EE 406
- ICS 423, ICS 425, ICS 426, ICS 455, ICS 495, EE 406
- ICS 423, ICS 425, ICS 426, ICS 455, ICS 495, EE 406
- ICS 423, ICS 425, ICS 426, ICS 455, ICS 495, EE 406

Notes

Student Academic Success Center; Keller 213; (808) 956-5911; cnsadvis@hawaii.edu; www.hawaii.edu/natsci/advising
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