



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

**Admissions: Open Process: Declaration**  
**Min. Total Credits: 120 (88 in core & major + 32 in electives)**

UHM General Education Core Requirements
<b>Foundations</b>
<input type="checkbox"/> FW ENG 100, 100A, 190, ESL 100, or AMST 111
<input type="checkbox"/> FS ICS 141
<input type="checkbox"/> FG (A / B / C)
<input type="checkbox"/> FG (A / B / C)
<b>Diversification</b>
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DA / DH / DL
<input type="checkbox"/> DB
<input type="checkbox"/> DP
<input type="checkbox"/> DY
<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
<b>Focus</b>
<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+)
<b>Hawaiian / Second Language</b>
<input type="checkbox"/> 101
<input type="checkbox"/> 102
<input type="checkbox"/> 201
<input type="checkbox"/> 202
<b>Credit Minimums</b>
• 120 total applicable
• 30 in residence at UHM
• 45 upper division (300+ level) credits
<b>Grade Point Average</b>
• 2.0 cumulative or higher ( <i>Note: Other GPAs may be required.</i> )
• Good academic standing

Degree Requirements
<b>College Requirements</b>
<b>Credit Maximums</b>
• 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 BA in Information and Computer Sciences – Security Science Track

Admission: Open

Application: NA

Min. major credits: BA = 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\*<sup>FS</sup> minimum B (not B-) grade or higher to advance
- ICS 211 minimum B (not B-) grade or higher to advance
- ICS 212 or ICS 215
- ICS 241\*<sup>FS</sup> 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)

#### BA Security Science Track 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](mailto:cnsadvis@hawaii.edu); [www.hawaii.edu/natsci/advising](http://www.hawaii.edu/natsci/advising)  
Information and Computer Sciences Department; POST 317; (808) 956-7420; [icsinfo@hawaii.edu](mailto:icsinfo@hawaii.edu); [www.ics.hawaii.edu](http://www.ics.hawaii.edu)  
ICS Undergraduate Advisor: Gerald Lau; POST 303A; (808) 956-5428; [glau@hawaii.edu](mailto:glau@hawaii.edu)