



# University of Hawai'i at Mānoa – Four-Year Academic Plan 2013-2014

## Colleges of Arts and Sciences

### Bachelor of Science (BS) in Computer Science

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

Year 1		Year 2		Year 3		Year 4		
Fall		Fall		Fall		Fall		
ICS 111	4	NI ICS 212 or 215	3	NI ICS 313 or 361	3	NI ICS 400+ Elective	3	
ICS 141	3	NI ICS 311	3	NI ICS 314	3	NI ICS 400+ Elective	3	
NI MATH 241 (FS)	4	CHEM 161 (DP)	3	DA/DH/DL	3	PHYS 151/151L or	4	
FW	3	CHEM 161L (DY)	1	NI HSL 201	3	170/170L		
		FG (A/B/C)	3	Elective 300+	3	NI Elective 300+	3	
		HSL 101	3			NI Elective 300+	2	
Credits		14	Credits		16	Credits		15
Spring		Spring		Spring		Spring		
NI ICS 211	3	NI ICS 312 or 331	3	NI ICS 332	3	NI ICS 400+ Elective	3	
NI ICS 241	3	NI ICS 321	3	NI ICS 400+ Elective	3	NI ICS 400+ Elective	3	
NI MATH 242	4	CHEM 162	3	DS	3	PHYS 152/152L or	4	
FG (A/B/C)	3	CHEM 162L	1	DB	3	272/272L		
DS	3	DA/DH/DL	3	NI HSL 202	3	Elective	3	
		HSL 102	3					
Credits		16	Credits		16	Credits		13
Summer		Summer		Summer		Summer		
Credits		0	Credits		0	Credits		0
<b>Total Credits</b>	<b>30</b>	<b>Total Credits</b>	<b>62</b>	<b>Total Credits</b>	<b>92</b>	<b>Total Credits</b>	<b>120</b>	

**Notes:**

Students must take placement exams to be able to register for CHEM 161 and MATH 215 or 241.

CHEM 425/425L (Inorganic Chemistry) is offered only in the Fall; CHEM 445/445L (Organic Chemistry) is offered only in the Spring.

Students must incorporate all focus requirements into this plan.

60 non-introductory credits are required for A&S Natural Sciences majors.