



**University of Hawai'i at Mānoa – Four-Year Academic Plan 2015-2016**  
**Colleges of Arts and Sciences**  
**Bachelor of Science (BS) in Computer Science**

**SAMPLE**

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	ICS 212	3	ICS 313 or 361	3	ICS 400+ Elective	3
ICS 141	3	ICS 311	3	ICS 314	3	ICS 400+ Elective	3
MATH 215 (FS), 241 or 251A	4	CHEM 161 (DP)	3	DA/DH/DL	3	PHYS 151/151L or 170/170L	4
FW	3	CHEM 161L (DY)	1	HSL 201	3	Elective 300+	3
		FG (A/B/C)	3	Elective 300+	3	Elective 300+	2
		HSL 101	3				
Credits	14	Credits	16	Credits	15	Credits	15
Spring		Spring		Spring		Spring	
ICS 211	3	ICS 312 or 331	3	ICS 332	3	ICS 400+ Elective	3
ICS 241	3	ICS 321	3	ICS 400+ Elective	3	ICS 400+ Elective	3
MATH 216, 242 or 252A	4	CHEM 162	3	DS	3	PHYS 152/152L or 272/272L	4
FG (A/B/C)	3	CHEM 162L	1	DB	3	Elective 300+	3
DS	3	DA/DH/DL	3	HSL 202	3		
		HSL 102	3				
Credits	16	Credits	16	Credits	15	Credits	13
Summer		Summer		Summer		Summer	
Credits	0	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. Focus designations (i.e., W, E, O, H) are CRN specific & semester specific.

Minimum 45 upper division (300+ course) credits are required.