



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

**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	
BIOL 171 or 172 (DB)	3	BIOL 265	3	BIOL 375	3	Physiology	3
BIOL 171L or 172L (DY)	1	BIOL 265L	1	BIOL 375L	2	BIOL 402 or BIOG 441	4
CHEM 161 (DP)	3	CHEM 272	3	BIOL Elective	3	Morphology/Systematics	4
CHEM 161L	1	CHEM 272L	2	PHYS 152 or 272	3	DS	3
MATH 215 or 241 or 251A	4	HSL 101	3	PHYS 152L or 272L	1	DA/DH/DL	3
(FS)		FG (A/B/C)	3	HSL 201	3		
FW	3						
Credits	15	Credits	15	Credits	15	Credits	17
Spring		Spring		Spring		Spring	
BIOL 172 or 171 (DB)	3	BIOL 275	3	BIOL Elective	3	BIOL Elective	3
BIOL 172L or 171L (DY)	1	BIOL 275L	1	BIOL Elective	3	BIOL Elective	3
CHEM 162	3	CHEM 273	3	BIOL Elective Lab	1	DS	3
CHEM 162L	1	PHYS 151 or 170	3	Additional MATH	3	Elective	3
MATH 216 or 242 or 252A	3	PHYS 151L or 170L	1	HSL 202	3	Elective	2
FG (A/B/C)	3	HSL 102	3	DA/DH/DL	3		
Credits	14	Credits	14	Credits	16	Credits	14
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
<b>Total Credits</b>	<b>29</b>	<b>Total Credits</b>	<b>58</b>	<b>Total Credits</b>	<b>89</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.

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, or a combination of no fewer than 25 upper division credits and 35 major-required lower division credits.

Students must complete both BIOL 171/171L and 172/172L, but they may be completed in either order.