



**University of Hawai'i at Mānoa – Four-Year Academic Plan 2013-2014**  
**College of Education**  
**Bachelor of Education (BEd) in Secondary Education**

**Specialization: Biology**

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 (DB)	3	BIOL 265	3	BIOL 375	3	ITE 402	3
BIOL 171L (DY)	1	BIOL 265L	1	BIOL 375L	1	ITE 404H	3
CHEM 161 (DP)	3	CHEM 272	3	ITE 401	3	ITE 440	3
CHEM 161L	1	CHEM 272L	2	BIOL Major Elective	3	SPED 445	3
MATH 241 (FS)	4	History/Philosophy of	3	BIOL Major Elective	3	Elective	3
PHYS 151	3	Science (DH)		Elective	3		
PHYS 151L	1	FG (A/B/C)	3				
Credits	16	Credits	15	Credits	16	Credits	15
Spring		Spring		Spring		Spring	
BIOL 172	3	Submit Application in January		ICS 101/101L or ETEC	4	ITE 405H	9
BIOL 172L	1	BIOL 275	3	442		ITE 406H	3
CHEM 162	3	BIOL 275L	1	EDEP 311 (DS)	3		
CHEM 162L	1	Earth/Science Foundation	3	EDEF 310 (DS)	3		
FW	3	Earth/Science Foundation	3	FG (A/B/C)	3		
PHYS 152	3	Earth/Science Lab	1	Elective	3		
PHYS 152L	1	DA/DL	3				
		Elective	1				
Credits	15	Credits	15	Credits	16	Credits	12
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits		Credits	0
<b>Total Credits</b>	<b>31</b>	<b>Total Credits</b>	<b>61</b>	<b>Total Credits</b>	<b>93</b>	<b>Total Credits</b>	<b>120</b>

**Notes:**

Additional Admission Requirements: 40 hours of documented experience; interview; 55 credits.

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

Students must incorporate all focus requirements into this plan.

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

Plan to take PRAXIS I exam as soon as possible and before year 2.