



**University of Hawai'i at Mānoa - Four-Year Academic Plan 2012-2013**  
**College of Education**  
**Bachelor of Education (BEd) in Secondary Education**  
**Specialization: Physical 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
<b>Fall</b>	<b>Fall</b>	<b>Fall</b>	<b>Fall</b>
CHEM 161 (DP) 3	CHEM 272 3	Physical Science 3	ITE 402 3
CHEM 161L (DY) 1	CHEM 272L 1	Elective	ITE 404H 3
BIOL 171 (DB) 3	Earth/Science 3	ITE 401 3	ITE 440 3
BIOL 171L 1	Foundation	FG (A/B/C) 3	SPED 445 3
MATH 241 (FS) 4	Earth/Science Lab 1	Elective 3	Elective 3
PHYS 151 3	History/Philosophy of	Elective 3	
PHYS 151L 1	Science (DH) 3	Elective 1	
	FG (A/B/C) 3		
Credits 16	Credits 14	Credits 16	Credits 15
<b>Spring</b>	<b>Spring</b>	<b>Spring</b>	<b>Spring</b>
CHEM 162 3	Submit Application in January	ETEC 442 3	ITE 405H 9
CHEM 162L 1	Earth/Science Found. 3	EDEP 311 (DS) 3	ITE 406H 3
BIOL 172 3	DA/DL 3	EDEF 310 (DS) 3	
BIOL 172L 1	Elective 3	Elective 3	
PHYS 152 3	Elective 3	Elective 3	
PHYS 152L 1	Elective 3		
FW 3	Elective 2		
Credits 15	Credits 17	Credits 15	Credits 12
<b>Summer</b>	<b>Summer</b>	<b>Summer</b>	<b>Summer</b>
Credits 0	Credits 0	Credits	Credits 0
<b>Total Credits 31</b>	<b>Total Credits 62</b>	<b>Total Credits 93</b>	<b>Total Credits 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.