



# University of Hawai'i at Mānoa – Four-Year Academic Plan 2017-2018

## College of Education

### Bachelor of Education (BEd) in Secondary Education

Specialization: Chemistry

**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	
CHEM 161 (DP)	3	MATH 243	3	CHEM 351 or 372	3	ITE 402	3
CHEM 161L (DY)	1	CHEM 272	3	ITE 401	3	ITE 404H	3
BIOL 171 (DB)	3	CHEM 272L	2	Earth/Science Foun.	3	ITE 440	3
BIOL 171L	1	Earth/Science Foun.	3	PHYS 170	4	SPED 445	3
FS (MATH 241 rec.)	4	Earth/Science Foun. Lab	1	PHYS 170L	1	Elective	3
FG (A/B/C)	3	History/Philosophy of Science (DH)	3	Elective 300+	3		
Credits	15	Credits	15	Credits	17	Credits	15
Spring		Spring		Spring		Spring	
CHEM 162	3	Submit Application in January		LTEC 442 or ICS 101	3	ITE 405H	9
CHEM 162L	1	CHEM 273	3	EDEP 311 (DS)	3	ITE 406H	3
BIOL 172	3	CHEM 273L	1	EDEF 310 (DS)	3		
BIOL 172L	1	CHEM 274	3	PHYS 272	3		
MATH 242	4	CHEM 274L	2	PHYS 272L	1		
FW	3	FG (A/B/C)	3	Elective	3		
		DA/DL	3				
Credits	15	Credits	15	Credits	16	Credits	12
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits		Credits	0
<b>Total Credits</b>	<b>30</b>	<b>Total Credits</b>	<b>60</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 MATH 241.

Students must incorporate all focus requirements into this plan. Focus designations (i.e., W, E, O, H) are CRN specific & semester specific.

Make plans to achieve official minimal state passing scores on basic skills licensure test(s) as approved by the College of Education (COE) and aligned with the Hawaii Teacher Standards Board (HTSB) policy as soon as possible and before year 2. Note that HTSB and COE requirements may differ. Please see a COE OSAS advisor for the latest information.

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