

**University of Hawai'i at Mānoa – Four-Year Academic Plan 2023-2024**  
**School of Ocean and Earth Science and Technology**  
**Bachelor of Science (BS) in Earth Sciences: Volcano Science Concentration**

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		
ERTH 101/103/104/106/130 (DP)	3	ERTH 250/ EE160	3	ERTH 300	3	ERTH 325	3	Required EARTH and other courses
ERTH 101L (DY)	1	ERTH 333	4	ERTH 301(w focus)	4	ERTH 398	3	Required EARTH/GenEd double-dip
MATH 241(FQ)	4	ERTH 201 <sup>2</sup>	3	ERTH 303	3	ERTH 410 (E, D focus)	2	Science elective (see list below)
OEST 100	1	CHEM 162	3	PHYS 272	3	ERTH 461 <sup>5</sup>	3	Upper Division elective (any topic)
FW	3	CHEM 162L	1	PHYS 272L	1	DS	3	Lower Division elective (any topic)
OCN 105 (FG) <sup>1</sup>	3			DA/DL	3	Elective	1	UHM GenEd/Graduation requirements
								Support courses
Credits	15	Credits	14	Credits	7	Credits	13	
Spring		Spring		Spring		Spring		
ERTH 200 <sup>2</sup> (w focus)	4	PHYS 170	4	ERTH 302	3	ERTH 305 (w focus)	3	
MATH 242	4	PHYS 170L	1	ERTH 413	3	Science Elective	3	
CHEM 161	3	DS	3	Science Elective	3	Elective 300+	3	
CHEM 161L	1	OCN 102 (DB) <sup>3</sup>	3	Elective 300+	3	Elective	3	
ERTH 135 (FG) <sup>1</sup>	3	HwST 107 (DH, H-focus) <sup>4</sup>	3	Elective	3	Elective	3	
Credits	15	Credits	14	Credits	9	Credits	15	
Summer		Summer		Summer		Summer		
Credits	0	Credits	0	Credits	0	Credits	0	
<b>Total Credits</b>	<b>30</b>	<b>Total Credits</b>	<b>58</b>	<b>Total Credits</b>	<b>74</b>	<b>Total Credits</b>	<b>102</b>	

**Notes:**

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, D, H) are CRN specific & semester specific.

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

The following may fulfill upper-division Science elective requirements: any 300+ level EARTH, EPET, ATMD, or OCN course, plus GEO 370, 388, 405; NREM 301, 302, 477; PEPS 451.

<sup>1</sup> or other FG course

<sup>2</sup> either EARTH 200 (Spring only) or EARTH 201 (Fall only) can fulfill this requirement. Whichever of these courses is not taken can be replaced by an Elective (either 3 or 4 credits, respectively).

<sup>3</sup> other accepted DB courses are BE 120; BIOL 171, BOT 101; MICR 130; NREM 210, 251; OEST 103; ZOOL 101, 200; BIOC 441

<sup>4</sup> or other DH course

<sup>5</sup> GEO 388 or NREM 477 can substitute for EARTH 461.