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: Geophysics & Tectonics 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									Required ERTH and other courses	
Fall		Fall		Fall			Fa			Required ERTH/GenEd double-dip
ERTH 101/103/104/106/130 (DP)	3	CHEM 162	3		ERTH 303	3	Г	ERTH 313	3	Science elective (see list below)
ERTH 101L (DY)	1	CHEM 162L	- 1		ERTH 333	4		ERTH 398	3	Upper Division elective (any topic)
MATH 241 (FQ)	4	MATH 242	4		ERTH 461 ⁵	3		ERTH 410 (E, O focus)	2	Lower Division elective (any topic)
OEST 100	1	ERTH 250/ EE160	3		PHYS 272	3		DS	3	UHM GenEd/Graduation requirements
FW	3	ERTH 201 ²	3		PHYS 272L	1		Science Elective	3	Support courses
OCN 105 (FG)1	3							Elective	3	
							L			
Credits	15	Credits	14	Cre	dite	14	Cr	redits	17	+
Spring	13	Spring	17	_	ring	14	_	oring	17	4
ERTH 200 ² (W focus)		PHYS 170	- 1	Spi	ERTH 413	3	_	ERTH 305 (W focus)	3	
CHEM 161	2	PHYS 170L	7	Н	Science Elective	3	Н	ERTH 323	4	
CHEM 161L	1	DS	2		Science Elective	3	⊢	Science Elective	3	
ERTH 135 (FG) ¹	3	OCN 102 (DB) ³	3	Н	Elective 300+	2	Н	Elective 300+	2	
DA/DL	3	HWST 107 (DH, H-focus)4	3	\vdash	Elective	3	Н	Elective	3	
Elective	2	HW31 107 (DH. H-10Cds)	—~		LICOLIVE	3		LICCUYC	-	
Liective				\vdash		_	Н		+	
Credits	16	Credits	14	Cre	dits	14	-	edits	16	i l
Summer		Summer		Sur	mmer		Sι	ımmer	_	
	-			-		_	L		-	
Credits	0	Credits	0	Cre	dite	0	Cr	redits	0	+
Total Credits		Total Credits			tal Credits			otal Credits	120	
Notes:		Total Ci Calts	-	7100	air circuits	01		otal credits	12	2
	ho able	to cogister for CHEM 161 and MA	\TH 2	41						
	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.									
Minimum 45 upper division (300+ cour			s (1.e.,	W, E	, O, II) are cital specif	ic & se.	mea	ster specific.		
At least 9 credits of upper-division Science			n this li	ist: E	RTH 312 (or MATH 2	243 30	2 3	03 307 311) FRTH 300 F	тн	
301, ERTH 302, ERTH 401, ERTH 423,										
ATMO, or OCN course, plus GEO 370, 38				5	opper division science			an oc any 2001 level 210211, 2	,	
, 01 001 10001, p. 20 070, 20	,	,,,,								
or other FG course										
² either ERTH 200 (Spring only) or ERTH	201.4	7-111-3 E-1-11 this	4 3375			- 4 4 - 1		a be seeded of being Planting /		2
or 4 credits, respectively).	201 (1	'all only) can fulfill this requiremen	it. Whi	chev	er of these courses is no	ot takes	n ca	an be replaced by an Elective (either	3
other accepted DB courses are BE 120; B	IOL 17	1, BOT 101; MICR 130; NREM 2	10, 251	1; OE	ST 103; ZOOL 101, 2	00; BIC	OC 4	441		
⁴ or other DH course		, , , , , , , , , , , , , , , , , , , ,			, , , , , ,					
⁵ GEO 388 or NREM 477 can substitute for	r ERTI	H 461.								
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