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: General 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	CHEM 162	3	ERTH 333	4	ERTH 398	3
ERTH 101L (DY)	1	CHEM 162L	1	ERTH Specialization[5]	3	ERTH 410 (E, O focus)	2
MATH 241 (FQ)	4	MATH 242	4	PHYS 272	3	ERTH Specialization[5]	3
OEST 100	1	ERTH 250/ EE160	3	PHYS 272L	1	DS	3
FW	3	ERTH 201[2]	3	Elective 300+	3	Science Elective	3
OCN 105 (FG)[1]	3					Elective	3
Credits	15	Credits	14	Credits	14	Credits	17
Spring		**Spring**		**Spring**		**Spring**	
ERTH 200[2] (W focus)	4	PHYS 170	4	ERTH 413	3	ERTH 305 (W focus)	3
CHEM 161	3	PHYS 170L	1	ERTH Specialization[5]	3	ERTH Specialization[5]	3
CHEM 161L	1	DS	3	Science Elective	3	Science Elective	3
ERTH 135 (FG)[1]	3	OCN 102 (DB)[3]	3	Elective	3	Elective 300+	3
DA/DL	3	HWST 107 (DH, H-focus)[4]	3	Elective	3	Elective 300+	3
Elective	2						
Credits	16	Credits	14	Credits	15	Credits	15
Summer		**Summer**		**Summer**		**Summer**	
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	31	**Total Credits**	59	**Total Credits**	88	**Total Credits**	120

- Required ERTH and other courses
- Required ERTH/GenEd double-dip
- Science elective (see list below)
- Upper Division elective (any topic)
- Lower Division elective (any topic)
- UHM GenEd/Graduation requirements
- Support courses

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, O, 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 ERTH, EPET, ATMO, or OCN course, plus GEO 370, 388, 405; NREM 301, 302, 477; PEPS 451.

[1] or other FG course

[2] either ERTH 200 (Spring only) or ERTH 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).

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

[4] or other DH course

[5] Approved Specialization Courses for the General Concentration are: ERTH 300, 301, 302, 303, 306 (or GEO 405), 309, 313, 323, 325, 425, 455, 461 (or GEO 388 or NREM 477).