



University of Hawai'i at Mānoa – Four-Year Academic Plan 2013-2014

Colleges of Tropical Agriculture and Human Resources

Bachelor of Science (BS) in Biological Engineering

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		
MATH 241 (FS)	4	MATH 243	3	BE 350	3	BE 481	3	
CHEM 161 (DP)	3	EE 160	4	BE 350L	1	BE Elective	3	
CHEM 161 (DY)	1	CEE 270	3	EE 211	4	BE Elective	3	
BIOL 171 (DB)	3	PHYS 272	3	NREM 310	3	BE Elective	3	
BIOL 171L	1	PHYS 272L	1	CHEM 272	3	DA/DH/DL	3	
FW	3	FG (A/B/C)	3	CHEM 272L	2			
Credits		15	Credits		17	Credits		16
Credits		15	Credits		17	Credits		16
Spring		Spring		Spring		Spring		
MATH 242	4	MATH 244	3	BE 373	3	BE 482	3	
CHEM 162	3	BE 260	3	ME 311	4	BE Elective	3	
CHEM 162L	1	CEE 271	3	CEE 320 or ME 322	4	BE Elective	3	
PHYS 170	4	BIOL 172/172L or MICR	3	FG(A/B/C)	3	BIOL 275/275L or MICR	4	
PHYS 170L	1	351/351L or BE 120				351/351L or MICR		
ECON 120, 130, or 131 (DS)	3	DA/DH/DL	3			485/485L		
						DS	3	
Credits		16	Credits		15	Credits		14
Credits		16	Credits		15	Credits		14
Summer		Summer		Summer		Summer		
Credits		0	Credits		0	Credits		0
Credits		0	Credits		0	Credits		0
Total Credits	31	Total Credits	63	Total Credits	93	Total Credits	124	

Notes:

Students must take placement exams to be able to register for CHEM 161 and MATH 241.

Students must take 15 credits of the following BE electives: BE 405, 410, 411, 420, 431, 437, 460, 470; CEE 355; ME 371.

Students must incorporate all focus requirements into this plan.

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