



University of Hawai'i at Mānoa – Four-Year Academic Plan 2014-2015
Colleges of Tropical Agriculture and Human Resources
Bachelor of Science (BS) in Molecular Biosciences and Biotechnology

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	CHEM 272	3	MBBE 402	4	MBBE/PEPS/TPSS 499	6
CHEM 161L (DY)	1	CHEM 272L	2	PEPS 371 or BIOL 375 or	3	PHYS 100/100L or	4
BIOL 171 (DB)	3	MATH 215 or 241 (FS)	4	ANSC 446		151/151L and 152/152L	
BIOL 171L	1	MBBE 304	3	BIOL 407	3	MBB Elective	3
FW	3	DA/DH/DL	3	Elective	3	MBB Elective	2
FG (A/B/C)	3						
Elective	3						
Credits	17	Credits	15	Credits	13	Credits	15
Spring		Spring		Spring		Spring	
CHEM 162	3	BIOL 275	3	MBBE 401	3	MBB Elective	3
CHEM 162L	1	BIOL 275L	1	MBBE 408	3	MBB Elective	3
BIOL 172	3	NREM 310	3	MBBE 483	3	MBB Elective	3
BIOL 172L	1	DS	3	MBB Elective	3	DS	3
NREM 220 (DS)	3	DA/DH/DL	3	Elective	3		
MBB Elective	3	Elective	3				
FG (A/B/C)	3						
Credits	17	Credits	16	Credits	15	Credits	12
Summer		Summer		Summer		Summer	
Credits		Credits	0	Credits	0	Credits	0
Total Credits	34	Total Credits	65	Total Credits	93	Total Credits	120

Notes:

Students must take placement exams to be able to register for CHEM 161 and MATH 215 or 241.

Students must take 18 credits in General Biotechnology from the following: BE 150, 373, 410, 420, 431, 440; BOT 102/102L, 470/470L; CHEM 273/273L; MBBE 402L, 412; MICR 351/351L, 461, 475, 485/485L; PEPS 363, 405, 421, 422; TPSS 440, 453; or ZOOL 320/320L.

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.