



University of Hawai'i at Mānoa – Four-Year Academic Plan 2013-2014
Colleges of Tropical Agriculture and Human Resources
Bachelor of Science (BS) in Molecular Biosciences and Biotechnology

Specialization: Insect and Pathogen Biotechnology

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	PEPS 363	3
CHEM 161L (DY)	1	CHEM 272L	2	MBBE 402L	2	PEPS 405	4
BIOL 171 (DB)	3	MATH 215 or 241 (FS)	4	PEPS 371 or BIOL 375 or	3	MBB Elective	3
BIOL 171L	1	MBBE 304	3	ANSC 446		MBB Elective	3
H/SL	3	DA/DH/DL	3	Elective	3		
FW	3			Elective	3		
FG (A/B/C)	3						
Credits	17	Credits	15	Credits	15	Credits	13
Spring		Spring		Spring		Spring	
CHEM 162	3	BIOL 275	3	MBBE 401	3	PHYS 100/100L or	4
CHEM 162L	1	BIOL 275L	1	MBBE/PEPS/TPSS 499	6	151/151L and 152/152L	
BIOL 172	3	NREM 310	3	Elective	3	MBB Elective	3
BIOL 172L	1	PEPS 421	3			MBB Elective	3
NREM 220 (DS)	3	DA/DH/DL	3			MBB Elective	2
H/SL	3	DS	3			DS	3
FG (A/B/C)	3						
Credits	17	Credits	16	Credits	12	Credits	15
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	34	Total Credits	65	Total Credits	92	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 13 credits in Insect and Pathogen Biotechnology from the following: MBBE/PEPS/TPSS 499 credits beyond 3 and approved electives.

Students must incorporate all focus requirements into this plan.

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