



**University of Hawai'i at Mānoa – Four-Year Academic Plan 2013-2014**  
**Colleges of Tropical Agriculture and Human Resources**  
**Bachelor of Science (BS) in Natural Resource and Environmental Management**

Track: Resource Management and Conservation

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	
NREM 210 (DB)	3	NREM 220 or ECON 130 (DS)	3	NREM 302	3	NREM 477	4
CHEM 161 (DP)	3	MATH 203, 215, 241, or	3	NREM/TPSS 304	3	NREM Specialization 300+	3
CHEM 161L (DY)	1	NREM 203 (FS)	3	NREM 310	3	NREM Specialization 300+	3
BIOL 171	3	DS	3	NREM 492	1	Elective	3
BIOL 171L	1	H/SL	3	NREM Specialization 300+	3	Elective	1
H/SL	3	FG (A/B/C)	3	DA/DH/DL	3		
Credits	14	Credits	15	Credits	16	Credits	14
Spring		Spring		Spring		Spring	
CHEM 162	3	PHYS 151	3	NREM Specialization 300+	3	NREM 494	3
CHEM 162L	1	PHYS 151L	1	NREM Specialization 300+	3	NREM Specialization 300+	3
BIOL 172	3	NREM 301	3	DA/DH/DL	3	Elective	3
BIOL 172L	1	NREM 301L	1	Elective	3	Elective	3
MATH 140	3	H/SL	3	Elective	3		
H/SL	3	FG (A/B/C)	3				
FW	3						
Credits	17	Credits	14	Credits	15	Credits	12
Summer		Summer		Summer		Summer	
				NREM 492L	3		
Credits	0	Credits	0	Credits	3	Credits	0
<b>Total Credits</b>	<b>31</b>	<b>Total Credits</b>	<b>60</b>	<b>Total Credits</b>	<b>94</b>	<b>Total Credits</b>	<b>120</b>

**Notes:**

Registration for CHEM 161 requires successful completion of placement exam or completion of CHEM 151 with a C or better.

Usually internship employment conducted during summer, with credits awarded the following fall after submission of final paper.

Track requires 18 upper division credits in a natural resource specialization area, including one course that emphasizes analytical, lab or field research methods.

Students must incorporate all focus requirements and into this plan.

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

PHYS 151 requires either a grade of C in MATH 140 or a prephysics assessment.