

## University of Hawai'i at Mānoa – Four-Year Academic Plan 2014-2015 Colleges of Arts and Sciences

## **Bachelor of Arts (BA) in Astronomy**

**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	MATH 242	4	ASTR 300	3	PHYS 485	1
<b>CHEM 161L</b> (DY)	1	PHYS 152	3	ASTR 300L	2	Group 1	3
FW	3	PHYS 152L	1	Group 2	3	Group 2	3
FG (A/B/C)	3	Group 2	3	HSL 201	3	DB .	3
Elective	3	HSL 101	3	DA/DH/DL	3	DS	3
Elective	3					Elective	3
Credits	16	Credits	14	Credits	14	Credits	16
Spring		Spring		Spring		Spring	
CHEM 162	3	ASTR 210 (DP)	3	ASTR 301	4	ASTR 494	3
CHEM 162L	1	Group 1	3	ASTR 320	3	Group 1	3
<b>MATH 241</b> (FS)	4	HSL 102	3	Group 2	3	DS	3
PHYS 151	3	Elective	3	HSL 202	3	Elective	3
PHYS 151L	1	Elective	3	DA/DH/DL	3	Elective	3
FG (A/B/C)	3				_	_,550.5	
Credits	15	Credits	15	Credits	16	Credits	15
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	31	Total Credits	60	Total Credits	90	Total Credits	121

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

Group 1: (take 3, 6 upper-division credits, 3 at 400-level. 100-level courses only count if taken before ASTR 210): ASTR 110, 120, 130, 140, 150, 280, 281, 380, 399, 426, 430, 494. Group 2: (take 4, 3 upper division credits): CHEM 272, ECON 321, EE 160, GG 101 (or 1170), any GG course at 200-level or higher worth at least 3 credits, ICS 111, 211, MATH 243, 244, PHYS 274, any MATH or PHYS course at 300-level or higher.