



**University of Hawai'i at Mānoa – Four-Year Academic Plan 2015-2016**  
**Colleges of Arts and Sciences**  
**Bachelor of Science (BS) in Astrophysics**

**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	ASTR 241	3	ASTR 300	3	ASTR 494	3
CHEM 161L (DY)	1	MATH 243	3	ASTR 300L	2	Group 2: PHYS 400	3
MATH 241 (FS)	4	PHYS 272	3	PHYS 310	3	PHYS 480	3
FW	3	PHYS 272L	1	PHYS 350	3	PHYS 485	1
FG (A/B/C)	3	HSL 101	3	MATH 311 or 307	3	DS	3
				HSL 201	3	DA/DH/DL	3
Credits	14	Credits	13	Credits	17	Credits	16
Spring		Spring		Spring		Spring	
CHEM 162	3	ASTR 242	3	ASTR 301	4	ASTR 423	3
CHEM 162L	1	MATH 244	3	PHYS 311	3	ASTR 494	3
MATH 242	4	PHYS 274	3	PHYS 450	3	Group 1	3
PHYS 170	4	PHYS 274L	2	HSL 202	3	Group 2	3
PHYS 170L	1	HSL 102	3	DA/DH/DL	3	DB	3
FG (A/B/C)	3	DS	3				
Credits	16	Credits	17	Credits	16	Credits	15
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
<b>Total Credits</b>	<b>30</b>	<b>Total Credits</b>	<b>60</b>	<b>Total Credits</b>	<b>93</b>	<b>Total Credits</b>	<b>124</b>

**Notes:**

Students must take placement exams to be able to register for CHEM 161/171 and MATH 241. Minimum 45 upper division (300+ course) credits are required.

Students must incorporate all focus requirements into this plan. Focus designations (i.e., W, E, O, H) are CRN specific & semester specific.

**Astrophysics Major Courses**

**Group 1 (take any one):** ASTR 320, 426, 430

**Group 2 (take any two):** PHYS 400, 460, 481, 490