

Bachelor of Arts in Astronomy (BIC)

A Suggested Sequence of Required Courses (2017-2018 Catalog)

F r e s h m a n Y e a r			
Fall		_____ 0 Chapel (CHA 1088) _____ 2 BIC 1212 Examined Life I _____ 3 BIC 1314 World Cultures I _____ 4 BIC 1413 Rhetoric I _____ 3 MTH 1321 Calculus I (<i>if eligible</i>) _____ 4 PHY 1420 General Physics I	_____ 0 Chapel (CHA 1088) _____ 3 CHE (1301 recommended) _____ 3 BIC 1324 World Cultures II _____ 3 BIC 1323 Rhetoric II _____ 3 MTH 1322 Calculus II _____ 4 PHY 1430 General Physics II
Total:	16	Total:	16
S o p h o m o r e Y e a r			
Fall		_____ 3 BIC 2330 Social World I _____ 3 BIC 2334 World Cultures III _____ 3 MTH 2321 Calculus III _____ 3 PHY 2350 Modern Physics _____ 4 PHY 2455 Foundations of Astronomy	_____ 3 BIC 2340 Social World II _____ 3 BIC 2344 World Cultures IV _____ 3 MTH 2311 Linear Algebra _____ 3 MTH 3325 Ordinary Differential Equations _____ 3 PHY 2360 Math and Computational Phy.
Total:	16	Total:	15
J u n i o r Y e a r			
Fall		_____ 3-4 Foreign Language 1401/1412 (see reverse) _____ 4 CSI 1430 Intro to Computer Science I w/ Lab _____ 3 MTH 3326 Partial Differential Equations _____ 3 PHY 3320 Intermediate Classical Mech. _____ 4 PHY 3455 Observational Astronomy	_____ 3-4 Foreign Language 1402/2310 (see reverse) _____ 3 BIC 3358 Biblical Heritage/Ethics _____ 1 Lifetime Fitness _____ 4 Lab Science - Area 1 (see below) _____ 3 PHY 3350 Topics in Astronomy
Total:	17-18	Total:	14-15
S e n i o r Y e a r			
Fall		_____ 3 BIC 4374 World Cultures V _____ 3 Foreign Language 2310 (see reverse) _____ 3 PHY 4350 Intro. Stellar Structure _____ 1 PHY 4150 Instructional Observing _____ 0 PHY 4001 Exit Exam _____ 3 Elective	_____ 3 BIC 4389 Capstone _____ 3 Foreign Language 2320 (see reverse) _____ 3 PHY 4351 Intro. Modern Cosmology _____ 3 Advanced Elective _____ 3 Elective _____ 1 Lifetime Fitness
Total:	13	Total:	16

*Petition NW I from PHY 1430; Petition NW II from Lab Science options below

All students must graduate with a minimum of 124 hours, 36 of which must be at the 3000/4000 level.

Notes about major requirements:

- Lab Science options: BIO 1305/1105, 1306/1106; NSC 1306/1106; BIO 1401; GEO 1401, 1402, 1403, 1405, 1406, 1408

- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.
- For more information, see the undergraduate catalog.