

## Bachelor of Arts in Astronomy (BIC)

*A Suggested Sequence of Required Courses (2018-2019 Catalog)*

F r e s h m a n Y e a r			
Fall			Spring
_____	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	<b>PHY 1420 General Physics I</b>	_____
Total:	16		Total: 16
S o p h o m o r e Y e a r			
Fall			Spring
_____	3	BIC 2330 Social World I	_____
_____	3	BIC 2334 World Cultures III	_____
_____	3	MTH 2321 Calculus III	_____
_____	3	<b>PHY 2350 Modern Physics</b>	_____
_____	4	<b>PHY 2455 Foundations of Astronomy</b>	_____
Total:	16		Total: 15
J u n i o r Y e a r			
Fall			Spring
_____	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	<b>PHY 3320 Intermediate Classical Mech.</b>	_____
_____	4	<b>PHY 3455 Observational Astronomy</b>	_____
Total:	17-18		Total: 14-15
S e n i o r Y e a r			
Fall			Spring
_____	3	BIC 4374 World Cultures V	_____
_____	3	Foreign Language 2310 (see reverse)	_____
_____	3	<b>PHY 4350 Intro. Stellar Structure</b>	_____
_____	1	<b>PHY 4150 Instructional Observing</b>	_____
_____	0	<b>PHY 4001 Exit Exam</b>	_____
_____	3	Elective	_____
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

Note: Any student pursuing a major or secondary major within the Department of Physics (BA or BS, all concentrations) must complete PHY 1420 with a grade of B- or better in order to enroll in PHY 1430. A student who fails to make a B- or better in the course, yet wishes to continue as a major within the Department of Physics must petition to repeat PHY 1420. Any student pursuing a major or secondary major within the Department of Physics (BA or BS, all concentrations) must complete PHY 1430 with a grade of C or better in order to enroll in PHY 2350. A student who fails to make a C or better in the course (where a C- is insufficient) yet wishes to continue in the major within the Department of Physics must petition to repeat PHY 1430.

– 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.