

## Bachelor of Science in Statistics (BIC)

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

F r e s h m a n Y e a r			
	Fall		Spring
_____	0	Chapel (CHA 1088)	_____ 0 Chapel (CHA 1088)
_____	2	BIC 1212 Examined Life I	_____ 3 <b>STA 2381 Intro. To Stat. Methods</b>
_____	3	BIC 1314 World Cultures I	_____ 3 BIC 1324 World Cultures II
_____	4	BIC 1413 Rhetoric I	_____ 3 BIC 1323 Rhetoric II
_____	3	<b>MTH 1321</b> (if eligible) Calculus	_____ 3 <b>MTH 1322 Calculus II</b>
_____	3-4	Foreign Language 1401/12 (see reverse)	_____ 3-4 Foreign Language - 1402/2310 (see reverse)
Total: 15-16			Total: 15-16
S o p h o m o r e Y e a r			
	Fall		Spring
_____	3	BIC 2330 Social World I	_____ 3 BIC 2340 Social World II
_____	3	BIC 2334 World Cultures III	_____ 3 BIC 2344 World Cultures IV
_____	3	Foreign Language 2310 (see reverse)	_____ 3 Foreign Language 2320 (see reverse)
_____	3	<b>MTH 2321 Calculus III</b>	_____ 3 <b>MTH 2311 Linear Algebra</b>
_____	3	<b>STA 3381 Probability and Stats.</b>	_____ 3 <b>STA 4382 Intermediate Stat. Methods</b>
Total: 15			Total: 15
J u n i o r Y e a r			
	Fall		Spring
_____	3	Elective (Variable depending on hours)	_____ 3 BIC 3358 Biblical Heritage/Ethics
_____	4	Lab Science (see below)	_____ 4 Lab Science (see below)
_____	4	CSI 1430 Intro to Comp. Sci. I w/ Lab	_____ 3-4 Elective
_____	3	<b>STA 4385 Mathematical Stats I</b>	_____ 3 <b>STA 4386 Mathematical Stats II</b>
_____	3	<b>STA 4000-level</b>	_____ 3 <b>STA 4000-level</b>
Total: 17			Total: 16-17
S e n i o r Y e a r			
	Fall		Spring
_____	3	<b>STA 4000-level</b>	_____ 3 <b>STA 43C9 Capstone</b>
_____	1	Lifetime Fitness	_____ 1 Lifetime Fitness
_____	3	Elective	_____ 3 Elective
_____	3	Advanced Elective	_____ 3 Elective
_____	3	Elective	_____ 3 Advanced Elective (Variable depending on hours)
_____	3	Elective	_____ 3 Elective (Variable depending on hours)
Total: 16			Total: 16

*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 (8 hours): One course and lab from: BIO 1305-1105, BIO 1306-1106, CHE 1301-1101, CHE 1302-1102, NSC 1306-1106, PHY 1420, PHY 1430, GEO 1406, ENV 1301-1101, ENV 1303-1103, ENV 2375-2175, ENV 2407; One course and lab from: GEO 1401, GEO 1402, GEO 1403, GEO 1405, 1408
- STA 4000-level choose from: STA 1301, 4370, 4371, 4372, 4373, 4374, 4387, 4V90. STA 4V90 may be taken for a maximum of 6 hours.
- Students who wish to pursue graduate training in statistics are encouraged to take additional advanced hours in mathematics, but a statistics department advisor can help you tailor your electives to your personal and professional goals.
- A grade of "C" or better is required for all courses used for the major.
- 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.

\*Because of the number of electives, there is enough room for a minor or second major.