

Bachelor of Science in Statistics (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) | _____ 0 Chapel (CHA 1088) |
| _____ 2 BIC 1212 Examined Life I | _____ 3 STA Electives (see below) |
| _____ 3 BIC 1314 World Cultures I | _____ 3 BIC 1324 World Cultures II |
| _____ 4 BIC 1413 Rhetoric I | _____ 3 BIC 1323 Rhetoric II |
| _____ 3 MTH 1321 (if eligible) Calculus | _____ 3 MTH 1322 Calculus II |
| _____ 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 MTH 2321 Calculus III | _____ 3 MTH 2311 Linear Algebra |
| _____ 3 STA 3381 Probability and Stats. | _____ 3 STA 4382 Intermediate Stat. Methods |
| 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 STA 4385 Mathematical Stats I | _____ 3 STA 4386 Mathematical Stats II |
| _____ 3 STA 3386 Regression Analysis | _____ 3 STA Electives (see below) |
| Total: 17 | Total: 16-17 |

S e n i o r Y e a r

| Fall | Spring |
|--|---|
| _____ 3 STA Electives (see below) | _____ 3 STA 43C9 Capstone |
| _____ 1 Lifetime Fitness | _____ 1 Lifetime Fitness |
| _____ 3 STA Electives (see below) | _____ 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.