

## How to Use this Guide

This guide is meant to offer advice on courses to take in the first year of college in order to progress towards a degree for new students at UNC Asheville, or their advisors. Completing a degree will require completion of both the Integrative Liberal Studies (ILS) curriculum as well as major requirements set by the department you choose to declare a major in.

Please [read the general plan first](#). This has information on 100-level requirements for ILS. Then you may review the section on your intended major. Designing your first-year plan will likely consist of beginning with the recommendations under your major, and then adding any and all ILS courses that you feel comfortable taking in your first year.

### Biology

- In addition to a 100-level sequence for majors consisting of BIOL 115: Concepts in Ecology and Evolution (4) and BIOL 116: Principles of Cellular and Molecular Biology (4), Biology majors have 100-level requirements in Chemistry, Math, and Statistics.
- The chemistry requirement begins with CHEM 132: General Chemistry (3) and its lab, CHEM 111 (1). These two courses are also prerequisites for BIOL 116, so students should take their chemistry in the first semester.
- Student should then continue with chemistry in their second semester with CHEM 145: Quantitative Chemistry Laboratory (1) and either CHEM 231: Organic Chemistry I (3) or CHEM 236: General Chemistry II (3). This is because the next level of biology, BIOL 211, requires 8 hours of chemistry as a prerequisite.
- The math or statistics course will cover the ILS 4-hour math requirement, and the ILS lab science requirement is covered by the intro-level biology courses themselves and/or the chemistry sections.
- To make room for heavy requirements in both biology and chemistry, students are advised to wait until their second year to take foreign language classes.

### 1<sup>st</sup> Semester: 11

(IT) LSIC 179: LS Intro Colloq (3)  
(BT) CHEM 132: Gen Chemistry (3)  
(BT) CHEM 111: Gen Chem Lab (1)  
(MT) BIOL 115: Concepts in Ecol and Evol (4)

### 2<sup>nd</sup> Semester: 12

(BT) MATH 191: Calculus I (4)  
(MT) BIOL 116: Prin of cellular and molecular bio (4)  
(MT) CHEM 145: Quant Chem Lab (1)

Choose:

(MT) CHEM 231: Organic Chem I (3)  
(MT) CHEM 236: Gen Chem II (3)

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