

Required Core (12 credit hours)			
Course Prefix, Number and Title	Credit Hours	Session	Grade
ACO 501: Database Systems and Problem Solving in Python	3		
LSC 555: Integrative Biology I	3		
LSC 556: Integrative Biology II	3		
LSC 562: Applied Mathematics Techniques in Biology	3		
Other Requirements (11 credit hours)			
Course Prefix, Number and Title	Credit Hours	Session	Grade
ACO 580: Practicum - Intro to Python Programming for Problem Solving (pre-req for ACO 501)	3		
LSC 519: Applied Learning Lab	2		
LSC 540: Statistics for Biological Data Science I	3		
LSC 541: Statistics for Biological Data Science II	3		
Elective (3 credit hours)			
Course Prefix, Number and Title	Credit Hours	Session	Grade
	3		
Culminating Experience (6 credit hours)			
Course Prefix, Number and Title	Credit Hours	Session	Grade
LSC 585: Capstone I in Biological Data Science	3		
LSC 586: Capstone II in Biological Data Science	3		
General Guidelines			
<ul style="list-style-type: none"> ✓ The NC Advising Website contains additional information on degree requirements and registration. ✓ This online program requires registration in Fall, Spring, and Summer semesters. Any variation to the recommended course sequence (available on the NC Advising Website) must be discussed and approved by an Academic Success Advisor, not all courses are offered each semester. ✓ Students are required to submit an Interactive Plan of Study (iPOS) and must be completed by the end of the first semester. ✓ All work toward a master's degree must be completed within six consecutive years. Please review the ASU Graduate College Policy Manual. ✓ Students are required to meet New College Satisfactory Academic Progress Standards and maintain continuous enrollment as defined by the ASU Graduate College Policy Manual. ✓ The capstone courses are completed in a student's final semester of study. To be eligible for registration consult the program handbook. ✓ Students must earn a B or better in the capstone courses (LSC 585 and LSC 586). For more information consult the ASU Graduate College Policy Manual. 			