

Semester 1, Fall 2023 (7 credit hours)			
Course Prefix, Number and Title	Credit Hours	Session/Semester	Grade
LSC 540: Statistics for Biological Data Science I	3	Session C	
LSC 547: Wet Laboratory Experience	1	Session C	
LSC 555: Integrative Biology I	3	Session C	
Semester 2, Spring 2024 (7 credit hours)			
Course Prefix, Number and Title	Credit Hours	Session/Semester	Grade
ACO 501: Database Systems and Problem Solving in Python	3	Session C	
LSC 519: Applied Learning Lab	1	Session C	
LSC 556: Integrative Biology II	3	Session C	
Semester 3, Summer 2024 (6 credit hours)			
Course Prefix, Number and Title	Credit Hours	Session/Semester	Grade
LSC 562: Applied Mathematics Techniques in Biology (iCourse)	3	Session A	
LSC 541: Statistics for Biological Data Science II (iCourse)	3	Session B	
Semester 4, Fall 2024 (6 credit hours)			
Course Prefix, Number and Title	Credit Hours	Session/Semester	Grade
Applied Project (ACO 593, or BIO 593, or MAT 593) OR Thesis with Written & Oral Defense (ACO 599, or BIO 599, or MAT 599)	3	Session C	
*Elective or Research (ACO 592, or BIO 592, or MAT 592)	3	Session C	
Semester 5, Spring 2025 (6 credit hours)			
Course Prefix, Number and Title	Credit Hours	Session/Semester	Grade
Applied Project (ACO 593, or BIO 593, or MAT 593) OR Thesis with Written & Oral Defense (ACO 599, or BIO 599, or MAT 599)	3	Session C	
*Elective or Research (ACO 592, or BIO 592, or MAT 592)	3	Session C	

What counts as an elective course?	General Guidelines
<p>Pre-approved electives:</p> <ul style="list-style-type: none"> - ACO 598: Data Science - LSC 598: Ecosystem Ecology - BMI 555: Statistical Learning for Data Mining - BMI 601: Fundamentals of Health Informatics - LSC 598: Environmental & Human Toxicology - MAT 598: Mathematical Models in Biology - STC 510: Data Wrangling - MAT 421: Applied Computational Methods - LSC 598: Environmental Impact of Cannabis/Lab <p>What needs to be approved (in advance) by both the faculty advisor & the graduate program director:</p> <ul style="list-style-type: none"> - ACO, BIO, or MAT courses (e.g., 580, 584, 590, 592) - 400-level courses in any discipline - Courses transferred in from other universities <p>What does not count:</p> <ul style="list-style-type: none"> - 593, 595, or 599 credit - 100, 200, or 300-level courses 	<p>Faculty approval required for:</p> <ul style="list-style-type: none"> - up to 6 credit hours of 400-level work may apply toward the master's degree. - All coursework in the interactive Plan of Study (iPOS). Mere enrollment in a course does not entitle a student to count it toward a graduate degree. <p>Academic progress:</p> <ul style="list-style-type: none"> - 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 culminating experience is completed in a student's final year of study. To be eligible for registration consult the program handbook. - For information regarding the minimum passing grade for the 593 or 599 culminating experience, please go to New College Satisfactory Academic Progress Standards. <p>Policies:</p> <ul style="list-style-type: none"> - Core courses can never be transferred from other universities. <p>All work toward a master's degree must be completed within six consecutive years. For more information review the ASU Graduate College Policy Manual.</p>