BIOLOGY, M.S.

The program course outline and graduation requirements for this catalog year are listed below. The department website provides an overview of the program, admission requirements, faculty biographies, learning outcomes, and careers: https://www.southernct.edu/academics/biology/programs

Program Requirements - 30 Credits

(19 Credits for Students in the Accelerated Pathway Program)

Required Courses (2 credits)
(0 credits for Students in the Accelerated Pathway Program)
*Courses completed at undergraduate level for students in accelerated program.

To be completed during first year of study
BIO 550 – Research Methods in Biology – 1 credit*
BIO 560 – General Topics Seminar – 1 credit*

Elective Courses (21 credits)
(12 credits for Students in Accelerated Pathway Program)

Graduate level biology courses (excluding BIO 550, 560, 561, 590, 591)

Choose One of the Following Tracks (7 credits):

Master Thesis Track
Thesis completion requires satisfactory oral presentation and defense of the thesis to the department (presentation is typically delivered at the departmental research symposium).
BIO 590 - Thesis Research (6 credits)
BIO 591 - Biology Thesis Writing and Scientific Communication (1 credit)

Special Project Track
Special Project completion requires satisfactory presentation of a final product (typically a poster to be presented at the departmental research symposium) as determined by the department.
BIO 561 - Scientific Communication: Special Topics Seminar (1 credit)
BIO 600 – Special Project Independent Study and Research (3 credits)
3 additional credits from graduate level biology courses (excluding BIO 550, 560, 561, 590, 591)

Comprehensive Exam Track
Students must pass a final written comprehensive examination administered by the department. The comprehensive examination is given once or twice a year depending on need.
BIO 561 - Scientific Communication: Special Topics Seminar (1 credit)
6 additional credits from graduate level biology courses (excluding BIO 550, 560, 561, 590, 591)