## Omnibus Undergraduate Course Descriptions

**BIO 310: Special Problems and Techniques**  
**Credit Hours:** 1-3 credits  
**Description:** Qualified undergraduates may investigate a specific biological problem under the direction of a faculty member. May be repeated for credit.

**MIC 401: Research Paper**  
**Credit Hours:** 1-3 credits  
**Enrollment Requirements:** MIC 302 with a C or better  
**Description:** Paper of 15 or more pages based on library or lab research in collaboration with a faculty member. Required of all Microbiology majors. Both MIC 302 and 401 must be taken to secure Literacy (L) General Studies credit.  
**Note:** Please fill out the MIC 401 form

**BIO/MIC/MBB/PLB 484: Internship**  
**Credit Hours:** 1-3 credits  
**Description:** Structured practical experience following a contract or plan, supervised by faculty and practitioners. May be repeated for credit.

**BIO/MIC/MBB/PLB 492: Honors Directed Study**  
**Credit Hours:** 1-3 credits  
**Enrollment Requirements:** Must be a student in Barrett, the Honors College  
**Description:** This course ranges from one to three semester hours. Consult with an honors advisor before enrolling is recommended.

**BIO/MIC/MBB/PLB 493: Honors Thesis**  
**Credit Hours:** 1-6 credits  
**Enrollment Requirements:** Must be a student in Barrett, the Honors College  
**Description:** This course ranges from one to six semester hours. Consult with an honors advisor before enrolling is recommended.

**BIO 494: Advanced Study Practicum**  
**Credit Hours:** 1-3 credits  
**Enrollment Requirements:** Must have successfully completed the course for which you are assigned as an ATA.  
**Description:** Assistant Teaching Assistants (ATAs) for SoLS Laboratory Courses. Students must have completed the course for which they are assigned as an ATA. For more information, contact the course instructor.  
**Note:** Does not count as upper division major lab credit

**BIO/MIC/MBB/PLB 495: Undergraduate Research**  
**Credit Hours:** 1-3 credits  
**Description:** Supervised research in biology/microbiology/molecular biosciences and biotechnology/ or plant biology. May be repeated for credit.

**BIO/MIC/MBB/PLB 496: Undergraduate Thesis**  
**Credit Hours:** 1-3 credits  
**Description:** Guided research culminating in the preparation of an undergraduate thesis based on supervised research done in current and previous semesters.  
**Note:** Does not count as upper division major lab credit

**BIO/MIC/MBB/PLB 499: Individualized Instruction**  
**Credit Hours:** 1-3 credits  
**Description:** Provides an opportunity for original study or investigation in the major or field of specialization on an individual and more autonomous basis. Must be a Senior and have a 3.00GPA.