

Upper-Division Writing Requirement (UDWR) Biology Major

The advanced writing component of the major in Biology requires approval by the writing committee of either:

1. **A TERM PAPER** (T) written for an upper-division course in biological sciences at Stony Brook (including readings and research),
or
2. **Two (2) LABORATORY REPORTS** (L) from a single upper-division course in biological sciences at Stony Brook.

Students who wish to use material from a participating course should obtain the necessary **UDWR form** from:

1. The **Undergraduate Biology Office (G-05 CMM/BLL; 631-632-8530)**
2. The **Biology Web Page** (<http://www.bio.sunysb.edu/Advising/forms/requirements.html>)

This form should be presented to the course director at the time of submission of the material. The course director will provide a special evaluation of the writing (in addition to a grade), and send the completed form to the Biology Writing Committee (through the Undergraduate Biology Office). Materials from other biology courses may be used if they include a suitable writing component. They must be submitted to the writing committee, together with the form signed by the instructor.

Students are urged to submit appropriate materials in their junior year, or by the end of their next-to-last term, in order to allow for evaluation and possible remedial effort. Later submissions are considered, but may delay graduation. If material is rejected, the student is urged to attend the Writing Center (or to take an appropriate course) before resubmitting the paper or material from another biology course.

Examples of currently participating courses:

- Bio 311: Techniques in Molecular and Cellular Biology (L & T)
- Bio 312: Bioinformatics (L & T)
- Bio 316: Molecular Immunology (T)
- Bio 318: Bioethics and Policy (T)
- Bio 327: Developmental Genetics (L)
- Bio 335: Physiology Laboratory (L)
- Bio 338: Self-Organization of the Brain (T)
- Bio 340: General Zoology (T)
- Bio 343: Invertebrate Zoology (T)
- Bio 344: Chordate Zoology (L & T)
- Bio 346: Aquatic Arthropods & Vertebrates (T)
- Bio 350: Darwinian Medicine (T)
- Bio 352: Ecology Laboratory (T)
- Bio 353: Marine Ecology (T)
- Bio 354: Evolution (T)
- Bio 356: Applied Ecology and Conservation Biology Laboratory (L & T)
- Bio 359: Behavioral Ecology (T)
- Bio 365: Biochemistry Laboratory (L)
- Bio 367: Molecular Diversity Laboratory (L)
- Bio 385: Plant Ecology (T)
- Bio 386: Ecosystem Ecology and the Global Environment (T)
- Bio 446: Readings in Neurobiology and Physiology(T)
- Bio 447: Readings in Molecular, Cellular and Developmental Biology (T)
- Bio 449: Readings in Ecology and Evolution (T)
- Bio 486: Research in Neurobiology and Physiology (T)
- Bio 487: Research in Molecular, Cellular and Developmental Biology (T)
- Bio 489: Research in Ecology and Evolution (T)