

03-442 Molecular Biology

Instructor: Ihab Younis

- Elective for **Biological Sciences Majors**
- 9 Units (**2 x75 minutes lecture/week**)
- Pre-requisites: **B in Genetics**
- Co-requisite: **none**

Student evaluation: 2 take-home exams, art project, oral and written discussions of primary scientific literature, final project.

Learning Goals

- Acquire the ability to read original scientific research papers more efficiently and critically.
- Think creatively when it comes to solving a biological problem.
- Think like a molecular biologist in terms of identifying an important question, developing a testable hypothesis, designing experiments to test your hypothesis, and properly and critically evaluating your results.
- Improve your science communication skills so you speak and write critically, persuasively, succinctly, and creatively.