

Biochemistry & Molecular Biology (BMB)

Courses

BMB 514. Current Literature. 1 Credit.

Students of the department rotate in leading informal reviews, analyses, and the discussions of research papers selected from current journals in the areas of biochemistry and molecular biology. Prerequisite: BMD 500 or consent of instructor. S/U grading.

BMB 521. Seminar. 1 Credit.

Students present topics in biochemistry and molecular biology based on reviews of the current literature. Each presentation is followed by a discussion of the topic by the faculty and students of the department. Prerequisite: BMD 500 or consent of instructor. S/U grading.

BMB 533. Advanced Topics. 1 Credit.

The purpose of this course is to provide an in-depth exploration of selected areas of protein structure and function, metabolism, regulation of cell functions, proteomics, recombinant DNA technology, eukaryotic nucleic acid metabolism, and gene expression with the intent of complementing and extending the knowledge base gained in BMD 500. Extensive independent learning is expected. Prerequisite: BMD 500; alternatively, BMB 301 or equivalent and permission of instructor. Repeatable to 9.00 credits.

BMB 540. Special Topics. 1-3 Credits.

Discussion of a topic in biochemistry and/or molecular biology of current interest to faculty and students. Prerequisite: BMD 500 or consent of instructor. Repeatable to 3.00 credits.

BMB 590. Research. 1-12 Credits.

The assignments deal with pertinent research problems in various aspects of biochemistry and molecular biology. Repeatable.

BMB 594. Special Problems in Biochemistry and Molecular Biology. 1-6 Credits.

The student in consultation with a faculty member of the department undertakes a laboratory research project. Prerequisite: Consent of instructor.

BMB 595. Readings in Biochemistry and Molecular Biology. 1-3 Credits.

Selected readings and library research in an area of mutual interest to the student and a faculty member of the department. Conferences and/or written reports are required. Prerequisite: BMD 500 or consent of instructor.

BMB 996. Continuing Enrollment. 1-12 Credits.

Repeatable. S/U grading.

BMB 998. Thesis. 1-9 Credits.

Repeatable to 9.00 credits.

BMB 999. Dissertation. 1-15 Credits.

Repeatable to 15.00 credits.