HBM

**Molecular Genetics and Microbiology**

**HBM 320 General Microbiology**
A study of the molecular structure, functional anatomy, growth, genetics, and pathogenic mechanisms of microbial agents, with an emphasis on bacteria and viruses. Non-specific and specific host defenses and the control of microorganisms will also be covered. Satisfies the microbiology requirement for admission to most allied health, nursing, optometry, and veterinary medicine professional schools.

*Prerequisites: BIO 202; CHE 132 3 credits*

**HBM 321 General Microbiology Laboratory**
Complementing the lecture material of HBM 320, this optional laboratory covers basic and applied microbiological methods. Students are introduced to methods for isolating pure cultures, microscopy and staining, quantitation of bacteria and determination of sensitivity to antimicrobial agents. This laboratory is limited to pre-allied health, pre-nursing, and pre-veterinary students.

*Prerequisites: BIO 202; CHE 132; permission of instructor 1 credit*

**HBM 393 Special Topics from the Microbiology Literature**
Tutorial readings in microbiology with periodic conferences, reports, and examinations arranged with the instructor. Semester project report required. May be repeated.

*Prerequisites: U3 or U4 standing; permission of instructor 1-2 credits*

**HBM 397 Special Topics from the Microbiology Laboratory**
Tutorial readings in microbiology with periodic conferences, reports, and examinations arranged with the instructor. Semester project report required. May be repeated.

*Prerequisites: U3 or U4 standing; permission of instructor 1-2 credits*

**HBM 399 Research Project in Microbiology**
An independent research project under faculty supervision, with emphasis on the principles of experimental design, data collection, evaluation of findings, and reporting of results. The student is expected to prepare a report on the project. May be repeated. May not be taken for credit in addition to BCP 487.

*Prerequisite: U3 or U4 standing 1-6 credits*

**HBP**

**Pathology**

**HBP 393 Special Topics from Pathology Literature**
Tutorial readings in pathology, with periodic conferences, reports, and examinations arranged with the instructor. May be repeated.

*Prerequisites: U3 or U4 standing; permission of instructor 1-2 credits*

**HBP 394 Special Topics from Pathology Literature**
Tutorial readings in pathology, with periodic conferences, reports, and examinations arranged with the instructor. May be repeated.

*Prerequisites: U3 or U4 standing; permission of instructor 1-2 credits*

**HBP 398 Research Project in Pathology**
An independent research project under faculty supervision, with emphasis on the principles of experimental design, data collection, evaluation of findings, and reporting of results. The student is expected to prepare a report on the project and be able to discuss his or her work. May be repeated. Prerequisite: Laboratory experience.

*Prerequisites: U3 or U4 standing; laboratory experience; permission of supervising instructor 0-4 credits*

**HBP 399 Research Project in Pathology**
An independent research project under faculty supervision, with emphasis on the principles of experimental design, data collection, evaluation of findings, and reporting of results. Project report required. May be repeated. Prerequisite: Laboratory experience.

*Prerequisites: U3 or U4 standing; laboratory experience; permission of supervising instructor 0-4 credits*

**HBW**

**Hebrew**

**HBW 111 Elementary Hebrew I**
An introduction to modern Hebrew as currently spoken and written in Israel, stressing pronunciation, speaking, listening comprehension, reading, and writing. The course is designed for students who have no prior knowledge of the language. A student who has had two or more years of Hebrew in high school (or who has otherwise acquired an equivalent proficiency) may not take HBW 111 without written permission from the supervisor of the course.

*Prerequisite: HBW 111 3 credits*

**HBW 112 Elementary Hebrew II**
An introduction to modern Hebrew as currently spoken and written in Israel, stressing pronunciation, speaking, listening comprehension, reading, and writing. 

*Prerequisite: HBW 111 3 credits*

**HBW 211 Intermediate Hebrew I**
Intermediate courses in conversation, composition, and the reading of texts in modern Hebrew.

*Prerequisite: HBW 112 3 credits*

**HBW 212 Intermediate Hebrew II**
Intermediate courses in conversation, composition, and the reading of texts in modern Hebrew.

*Prerequisite: HBW 211 3 credits*

**HBW 311 Advanced Hebrew I**
A course in the active use of spoken and written Hebrew. Readings of classics in the Hebrew language. Discussion is conducted mainly in Hebrew.

*Prerequisite: HBW 212 3 credits*

**HBW 312 Advanced Hebrew II**
Readings in modern Hebrew authors. Oral and written reports. Discussion is conducted mainly in Hebrew.

*Prerequisite: HBW 311 3 credits*

**HBW 405 Studies in Hebrew Literature**
May be repeated as the topic changes.

*Prerequisite: HBW 311 or 312 3 credits*

**HBW 415 The History of the Hebrew Language**
Readings and discussion (in Hebrew) of selections from Biblical, post-Biblical, and modern literature; lectures and discussion (in English) on the changes of sentence structure, meaning, sound, and style from one period to another. Particular attention is given to classicism, innovation, and restructuring in the rise of modern Hebrew.

*Prerequisite: HBW 311 3 credits*

**HBW 447 Directed Readings in Hebrew**
Intensive study of a particular author, period, or genre of Hebrew literature in the original under close faculty supervision. May be repeated.

*Prerequisite: Permission of director 1-4 credits*

**HBW 475 Undergraduate Teaching Practicum I**
Work with a faculty member as an assistant in one of the faculty member’s regularly scheduled classes. The student is required to attend all the classes, do all the regularly assigned work, and meet with the faculty member at regularly scheduled times to discuss the intellectual and pedagogical matters relating to the course. Students may not serve as teaching assistants in the same course twice.

*Prerequisites: U3 or U4 standing; permission of instructor 3 credits, S/U grading*

**HBW 476 Undergraduate Teaching Practicum II**
Work with a faculty member as an assistant in one of the faculty member’s regularly scheduled classes. The student is required to attend all the classes, do all the regularly assigned work, and meet with the faculty member at regularly scheduled times to discuss the intellectual and pedagogical matters relating to the course. In HBW 476, students assume greater responsibility in such areas as leading discussions and analyzing results of tests that have already been graded. Students may not serve as teaching assistants in the same course twice.

*Prerequisites: HBW 475; permission of instructor 3 credits, S/U grading*