COURSE DESCRIPTIONS

HBP
Pathology

HBP 390 Basic Mechanisms in Pathology
Molecular mechanisms underlying human diseases. Includes inflammation, coagulation mechanisms, fibrosis, immunological defenses, viruses, oncosenes, and cancer.
Prerequisites: BIO 361 or BIO 362 required, cell biology and genetics recommended; U3 or U4 standing
Pre- or Corequisite: BIO 361
3 credits

HBP 398, 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. The student is expected to prepare a report on the project and be able to discuss his or her work. May be repeated.
Prerequisites: U3 or U4 standing; laboratory experience; permission of supervising instructor
0-4 credits per course

HBW
Hebrew

HBW 111, 112 Elementary Hebrew I, II
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 to HBW 112: HBW 111
3 credits per course

HBW 211, 212 Intermediate Hebrew I, II
Intermediate courses in conversation, composition, and the reading of texts in modern Hebrew.
Prerequisite to HBW 211: HBW 112
Prerequisite to HBW 212: HBW 211
3 credits per course

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, 476 Undergraduate Teaching Practica I, 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 to HBW 475: U3 or U4 standing; permission of instructor
Prerequisites to HBW 476: HBW 475; permission of instructor
3 credits per course, S/U grading

HBY
Physiology and Biophysics

HBY 393, 394 Special Topics from Physiology and Biophysics Literature
Tutorial readings in physiology and biophysics and periodic conferences, reports, and examinations arranged with the instructor. May be repeated.
Prerequisites: U3 or U4 standing; laboratory experience; permission of supervising instructor
0-4 credits per course

HBY 398, 399 Research Project in Physiology and Biophysics
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.
Prerequisites: U3 or U4 standing; laboratory experience; permission of supervising instructor
0-4 credits per course

HDO
Oral Biology and Pathology

HDO 320 Research: Oral Biology and Pathology
Fall, Spring or Summer Research: Oral Biology and Pathology
4 credits

HDO 321 Oral Biology Research II
The student conducts an independent research project under the supervision of one or more members of the Department of Oral Biology and Pathology. The student is expected to submit a written report detailing experimental methods, results, and conclusions. A copy of the student's transcript must be submitted with the application to the Department. Fall or Spring research.
Prerequisites: U3 standing; permission of the Department prior to registration
Advisory Prerequisites: BIO 202; CHE 132/134 or CHE 142/144
4 credits

HDO 420 Oral Biology Research III
The student conducts a research project under the supervision of one or more members of the Department of Oral Biology and Pathology. The student is expected to submit a written report detailing experimental methods, results, and conclusions. A copy of the student's transcript must be submitted with the application to the Department. Fall or Spring research.
Prerequisites: U3 standing; permission of the Department prior to registration
Advisory Prerequisites: BIO 202; CHE 132/134 or CHE 142/144
4 credits

HDO 421 Oral Biology Research IV
The student conducts a research project under the supervision of one or more members of the Department of Oral Biology and Pathology. The student is expected to submit a written report detailing experimental methods, results, and conclusions. A copy of the student's transcript must be submitted with the application to the Department. Fall or Spring research.
Prerequisites: U3 standing; permission of the Department prior to registration
Advisory Prerequisites: BIO 202; CHE 132/134 or CHE 142/144
4 credits

HDP
Periodontics

HDP 320, 321, 322 Introduction to Periodontal Research
The student is taught various techniques and procedures used in current periodontal research. The student is expected to undertake a small research project implementing these techniques.
Prerequisites: CHE 132/134 or CHE 142/144; BIO 202; permission of instructor
0-4 credits per course, S/U grading

HDP 420, 421, 422 Research in the Biology and Pathology of Periodontium
An independent research project under faculty supervision with emphasis on the principles of experimental design, data collection, evaluation of findings, and undergraduate students who demonstrate an interest in the health care delivery system of the United States.
Prerequisites: SOC 392 when topic is Health Care Delivery; approval of department chairperson
3 credits