HBP
Pathology

HBP 390 Basic Mechanisms in Pathology
Molecular mechanisms underlying human diseases. Includes inflammation, coagulation mechanisms, fibrosis, immunological defenses, viruses, oncogenes, 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 393, 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 per course

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; permission of instructor
1-2 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

HDH
Dental Medicine

HDH 301 Independent Readings and Research
The student conducts his or her research project under the supervision of one or more members of the Department of Dental Health. The student is expected to submit a written report detailing his or her research activities and conclusions. This course is offered for 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

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 142/144 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: U4 standing; permission of department prior to registration
Advisory Prerequisites: BIO 202; CHE 132/134 or CHE 142/144
3 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: HDO 420
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
HDV
Human Development

HDV 101 Introduction to Stony Brook
A course intended to integrate students into the Undergraduate College of Human Development and into the University community by providing information about Stony Brook and a forum for discussion of values, intellectual and social development, and personal as well as institutional expectations. Not for credit in addition to CHI 101, GLS 101, GIS 101, ITS 101, SSO 101, SBU 101, LHD 101, and LSE 101.
3 credits, S/U grading

HDV 102 Undergraduate College Seminar: Human Development
A seminar for all first-year students in the Undergraduate College of Human Development. Seminar topics vary annually by section and cover a variety of subjects under the general scope of Human Development.
Prerequisite: Admission to the HDV Undergraduate College
1 credit, ABC/U grading

HIN
Hindi

HIN 111, 112 Elementary Hindi I, II
An introduction to spoken and written Hindi, stressing pronunciation, speaking, comprehension, reading, and writing. This course is designed for students who have no prior knowledge of the language. A student who has had two or more years of Hindi in high school (or who has otherwise acquired an equivalent proficiency) may not take HIN 111 without written permission from the supervisor of the course.
Prerequisite to HIN 112: HIN 111
3 credits per course

HIN 211, 212 Intermediate Hindi I, II
Advanced speaking, comprehension, reading, writing, and grammar. Selected texts are read. Practice in the language laboratory supplements class work. A student who has had more than four years of Hindi in high school (or who has otherwise acquired an equivalent proficiency) may not take HIN 211 without the written permission of the supervisor of the course.
Prerequisite to HIN 212: HIN 211
3 credits per course

HIS
History

HIS 101-F European History: from Antiquity to Revolution
An introduction to the ideas and institutions of “the West” from the beginnings of civilization to the French Revolution. Topics include ancient cultures; the rise of Christianity; medieval politics and society; Renaissance art and thought; the Reformation and Counter-Reformation; the new science; absolutism and the modern state; and the Enlightenment.
3 credits

HIS 102-F Modern European History from 1789 to 1945
An introduction to the revolutionary events in politics and the economy, principally the industrialization of society, and the national, class, ethnic, and gender conflicts that dominated the period, including their cultural and ideological aspects. The course begins with the French Revolution, characterized by high hopes for the rational mastery of nature and society, and ends with the Second World War, a period of mass destruction and total war.
3 credits

HIS 103-F American History to 1877
A survey of American history from the Age of Discovery to the end of Reconstruction. Topics include the transplantation of European culture to America, the rise of American nationalism, the democratization of American society, the institution of slavery, and the emergence of an industrial society.
3 credits

HIS 104-F United States Since 1877
A survey of modern American history from the end of Reconstruction to the present. The course focuses on the impact of industrialization on social, cultural, and political life; the emergence of the United States as a world power; and the adaptation of that power to the crises of the later 20th century.
3 credits

HIS 109-F History Through Documents
Introduction to social-historical issues and problems focusing on well-defined topics. Students work with primary materials and consider the conjunction between published and accepted interpretations and what the documents seem to say.
Prerequisite: U1 standing
3 credits

HIS 111-F Introduction to the Social History of Medicine
Introduction to the themes in the social history of medicine: the social construction of disease, cultural significance of bodily fluids, medical politics, religions and medicine, international considerations. Themes are explored through the history of a particular medical event such as AIDS or the Black Death.
3 credits

HIS 208-I Ireland from St. Patrick to the Present
A survey of the history of Ireland with emphasis on its colonization and the subsequent emergence of an independent, though troubled and fragmentary, national state.
3 credits

HIS 209-I Imperial Russia
The political, social, and cultural developments from Peter the Great to the revolutionary era with emphasis on the unique institutional structure of Tsarist Russia and the problem of its relations with the West.
3 credits

HIS 210-I Soviet Russia
The ideological and social background of the Russian Revolution and the evolution of Soviet rule: the problem of industrialization, the relations with the capitalist West, and totalitarian control over society.
3 credits

HIS 213-J Colonial Latin America
From conquest to independence: Spanish and Portuguese colonialism in the New World and the forging of Latin American societies.
Advisory Prerequisite: LAC 200
3 credits

HIS 214-J Modern Latin America
From independence to the present: the evolution of 19th- and 20th-century Latin America. Emphasis on current social, economic, and political issues. This course is offered as both HIS 214 and POL 214.
Advisory Prerequisite: LAC 200
3 credits

HIS 216-J History of U.S.-Latin American Relations
An examination of the impact of U.S. economic and political relations with Latin America from the mid-19th century to the present. The course considers changes in American policy toward Latin America, as well as the varying responses of Latin American nations to U.S. intervention and influence. This course is offered as both HIS 216 and POL 216.
Advisory Prerequisite: One HIS course
3 credits

HIS 219-J Introduction to Chinese History and Civilization
Introductory survey examining key concepts and significant themes in Chinese history. Topics include Confucianism, popular religion, government, foreign policy, the economy, Western influence, Chinese revolution, and modernization. This course is offered as both AAS 219 and HIS 219.
Advisory Prerequisite: One HIS course
3 credits

HIS 220-J Introduction to Japanese History and Civilization
A broad survey of Japan’s history since antiquity. Focus is on the broader processes of political, economic, social, and cultural transformation of Japan. Themes include: the role of the emperor, Japan’s relationship to Asia and the West, state-societal relations, and the nature of Japanese capitalism.
Advisory Prerequisite: One HIS course
3 credits

HIS 221-J Introduction to Modern African History
Historical themes in 19th- and 20th-century Africa. Topics include social and political relations in African states; slavery and the slave trade in West Africa; the impact of Christianity and Islam on African colonialism; colonialism and its consequences; nationalist movements and de-colonization; pan-Africanism and the politics of African unity; the postcolonial state project; economic planning in postcolonial Africa; and African states and international politics in the Cold War era. This course is offered as both AFS 221 and HIS 221.
Advisory Prerequisite: One D.E.C. category F course
3 credits

HIS 225-J The Formation of the Judaic Heritage
Jewish history and the development of Judaism during the Persian, Hellenistic, and Roman periods (ca. 500 B.C.E. - ca. 500 C.E.). The course begins with the close of the Hebrew Bible, examines the varieties of Judaism which then arose, and ends with the consolidation of rabbinic Judaism on one hand and Christianity on the other. This course is offered as both HIS 225 and JDS 225.
Advisory Prerequisite: One D.E.C. category F course
3 credits

HIS 226-F The Shaping of Modern Judaism
The history of the Jews and of Judaism since the fall of the Roman Empire and the rise of Islam. The course concludes with a study of the Holocaust and the creation of the State of Israel, and includes a survey of the major forms of American Jewish life. This course is offered as both HIS 226 and JDS 226.
Advisory Prerequisite: RLS 101 or 110 or one HIS course
3 credits

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