HBY

Physiology and Biophysics

HBY 393 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. Only Fall.
Prerequisites: U3 or U4 standing; permission of instructor
1-2 credits

HBY 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. Only Fall.
Prerequisites: U3 or U4 standing; permission of instructor
1-2 credits

HBY 398 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. Only Fall.
Prerequisites: U3 or U4 standing; laboratory experience; permission of supervising instructor
0-4 credits

HBY 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. Only Spring.
Prerequisites: U3 or U4 standing; laboratory experience; permission of supervising instructor
0-4 credits

HDO

Oral Biology and Pathology

HDO 320 Research: Oral Biology and Pathology
Fall, Spring or Summer Research: Oral Biology and Pathology
1/2 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
1/2 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 undertake a small research project implementing these techniques.
Prerequisites: CHE 132/134 or CHE 142/144; BIO 202; permission of instructor
0-4 credits, S/U grading

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 undertake a small research project implementing these techniques.
Prerequisites: CHE 132/134 or CHE 142/144; BIO 202; permission of instructor
0-4 credits, S/U grading

HDP

Periodontics

HDP 320 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, S/U grading

HDP 321 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, S/U grading

HDV

Human Development

HDV 101 Introduction to Stony Brook
A seminar 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. Required for all first-year students. Not for credit in addition to ACH 101, IDS 101, GLS 101, ITS 101, SSO 101, SBU 101, LHD 101, and LSE 101.
Prerequisite: Admission to the HDV Undergraduate College
1 credit, 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. Required for all first-year students. Not for credit in addition to ACH 102, GLS 102, ITS 102, IDS 102, or SSO 102.
Prerequisite: Admission to the HDV Undergraduate College
1 credit, ABC/U grading
HID 275 Undergraduate College Fellows Seminar

Creates a curricular component for the second year of the Undergraduate College Experience. College fellows will enroll in the HDV 275 course in the spring semester of their sophomore year and HDV 276 in the fall semester of their sophomore year. 275 (spring) engages students in four main content areas: student development theory, scholarship on mentoring and leadership development, concepts of teaching and learning, and programming and event planning. These areas prepare students for supervised learning and teaching experiences that will occur primarily in the fall 276 course.

Prerequisites: Grade of "S" in HDV 101 and a strong desire to help other students. Enrollment in the corresponding Undergraduate College; permission of the instructor.

1 credit, S/U grading

HDV 276 Undergraduate College Fellows Practicum

The second semester in the sequence following HDV 275. Students assume higher responsibility and are given opportunities to apply teaching theories and concepts as learned in HDV 275. Students act as a TA for HDV 101.

Prerequisites: A grade of "S" in HDV 275. Enrollment in the corresponding Undergraduate College; permission of the instructor.

1 credit, S/U grading

HIN Hindi

HIN 111 Elementary Hindi I

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.

3 credits

HIN 112 Elementary Hindi II

An introduction to spoken and written Hindi, stressing pronunciation, speaking, comprehension, reading, and writing. Prerequisite: HIN 111

3 credits

HIN 211 Intermediate Hindi I

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: HIN 112

3 credits

HIN 212 Intermediate Hindi 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 212 without the written permission of the supervisor of the course.

Prerequisite: HIN 211

3 credits

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 Reformations 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&4 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&4 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 late 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 case studies of selected medical events 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: One HIS course

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 218-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-society relations, and the nature of Japanese nationalism.

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; national 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: RLS 101 or 110 or one HIS course

3 credits

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COURSE DESCRIPTIONS