BIO350A: Virology

Credits: 3
Prerequisites: BIO106
Exploration Area: None
Major/Minor Requirements: 300 level cellular/molecular elective for BIO major; elective for BIO minor
This course focuses on the physical, biochemical, and pathological features of viruses and their effect on society. Students will explore the history and methods of virology, as well as the complexity of host-virus interaction. The replication cycles of both DNA and RNA viruses will be examined, with emphasis on viruses which have particular impact on human health and biotechnology.

BUS350A: Paradoxes of Cultures and Globalization

Credits: 3
Prerequisites: BUS115; Sophomore standing or higher
Exploration Area: None
Major/Minor Requirements: business elective for BA major; business elective for BA minor
This course, although concentrating on cultural difference, is interdisciplinary by nature. It will include basic theoretical knowledge from the different disciplines of social sciences such as cultural anthropology, cross-cultural psychology, international aspects of sociology, cross-cultural communication, and behavioral economics. It also ties our discussions to the global business world through the science of management, organizational behavior, marketing, or business communications. This course will help students gain a better grasp of the challenges that organizations are faced with regarding globalization. Students will develop an awareness of changing trends and contradictory issues that affect our cultures on a national and global scale.


Credits: 3
Prerequisites: Any 200-level film course
Exploration Area: None
Major/Minor Requirements: 300-level theory specialization course for COM major; 300-level elective for COM minor
This course, which satisfies a 300-level theory requirement for the Communications Studies Major, will examine a number of maverick film directors and writers whose originality, independence, and unconventional approaches to moviemaking have contributed to the evolution of the industry and the creation of many of its finest works. Through our study of the films of such individuals as David Lynch, Stephen Soderbergh, John Sayles, Mira Nair, Charlie Kaufmann, Spike Lee, the Coen Brothers, Jane Campion, P.T. Anderson, Spike Jonze, Jim Jarmusch, Kevin Smith, Sally Potter, Quentin Tarantino, and Wes Anderson, we will come to a greater understanding of, and appreciation for, the aesthetic styles and thematic concerns of works which challenge many of the conventions of classic Hollywood cinema.

ENV350A: Marine Communities

Credits: 3
Prerequisites: One of the following: BIO106 or BIO107; ENV100, 120 or 203; SCI112 or 130
Exploration Area: None
Major/Minor Requirements: None
This course carries an additional fee of $250.00.
Marine Communities is a field course in which students will learn about and apply aspects of several scientific disciplines including biology, ecology, geology, ornithology, and others. As we study these topics, we will bring together a broader picture of understanding as we tie all of it in with socio-economic aspects unique to these communities. We will explore how humans impact and have been impacted by marine communities, as well as the responses to these impacts. We will use Martha’s Vineyard as a living classroom to gain a deeper understanding of these topics and venture to apply our understanding to other marine communities around the world.
ESS443A: Clinical Pathology and Concepts in Pharmacology
Credits: 4
Prerequisites: BIO206
Exploration Area: None
Major/Minor Requirements: Requirement for AT major; Exercise Science elective for ES major
This course is designed to enable students to recognize, evaluate, and differentiate common systemic diseases, along with the general principles of pharmacology, as they relate to these diseases. Students study the interdependence of body systems and the conditions that affect human health and well-being. Additional topics include common risk factors associated with these conditions as well as their response to, and impact upon, physical activity.

HEA105: The Vocabulary of Health
Credits: 1
Prerequisites: None
Exploration Area: None
Major/Minor Requirements: None
This course introduces students to the vocabulary, taxonomy and terminology related to body systems necessary to communicate information in the specialized environment of healthcare. Students will learn the derivations and practice the principles of medical word formation, including the basic guidelines of accepted naming conventions, identifying suffixes and prefixes, and combining forms related to the structures and functions of the associated systems of the body.

HEA301: The Mental Health System
Credits: 3
Prerequisites: HEA100
Exploration Area: None
Major/Minor Requirements: Requirement for Health Studies major/Public Health program and Health Promotion and Wellness program (listed in catalog as PSY300-Mental Health Issues)
This course will focus on the mental health delivery system and how people with mental illness interact with the system. The changing social constructions of mental illness and its evolution over time will be explored as well as the related historical and contemporary public policy developments.

HEA320A: Foundations of Health Education
Credits: 3
Prerequisites: HEA100
Exploration Area: None
Major/Minor Requirements: requirement for Health Studies: Health Promotion and Wellness major
This course will provide the health studies student with a fundamental understanding of the education process including learner assessment, educational planning and strategies, and evaluation techniques. The student will build the foundation for upper division coursework with an understanding of the health education role in the current health care environment.

HEA332A: Prevention
Credits: 3
Prerequisites: HEA100 and HEA230
Exploration Area: None
Major/Minor Requirements: requirement for Health Studies: Public Health major
Prevention of illness and injury are key to improving health care outcomes and controlling health care costs in the world today. This course will explore and analyze the multitude of systems and theories that contribute to prevention of illness and injury.

HON250A-HN: Black, Green and In-Between
Credits: 3
Prerequisites: Membership in the Wesson Honors Program
Exploration Area: Global Perspectives
Welcome to Black, Green, and In-Between! In this incarnation of GOV 250 we will be navigating and exploring an aspect of political life which is all around us, yet rarely studied closely: political ideologies. In many ways, our course will be an exploration of what happens when philosophical theory runs up against, and attempts to make sense of, reality. The difficulty (and joy) of studying political ideologies is that they are at once very distant and very close. Ideologies are distant in that they grapple with some of the central philosophical questions that confront every political system, yet at the same time ideologies are very close in that we all already have an ideological lens through which we view the world around us. One of the primary goals of this class is to encourage you to understand, explore, and ultimately assess the ideological lens that you already use to create order in an otherwise chaotic world.

HON250B-HN: The Theory of Everything: Integral Theory and Practice
Credits: 3
Prerequisites: Membership in Wesson Honors Program
Exploration Area: None
Major/Minor Requirements: None
In this course we will explore the cutting-edge field of Integral Theory and how it can be applied to everyday life in a multitude of situations (Integral Practice). Integral Theory attempts to make sense of the totality of human knowledge by honoring the truths of disparate traditions. It is a roadmap enabling its user to make sense of often incomprehensible differences between different fields of knowledge by providing a deeper perspective and framework from which to view them. The course is designed to allow students to assimilate this evolving perspective so as to become more powerful thinkers and actors.

HON250C-HN: History of Japanese Art and Culture
Credits: 3
Prerequisites: Membership in Wesson Honors Program
Exploration Area: None
Major/Minor Requirements: None
This honors course will survey the main art forms in Japan from the early stages to modern times. The course aims at studying the history of Japanese art and culture in a strongly analytical and “object-oriented” manner. Each class will consist of an historical, philosophical, and social introduction of each major period, followed by the analysis of the most relevant works of the given period. The works will be shown with slides and students will be asked to actively participate in the iconographical and stylistic analysis of the works shown. Students will be asked to learn the conventionally accepted Japanese historical periods and the names of the artists studied as well as some specific (therefore not translatable) art terms.

This course will employ hands-on components through field trips to view collections at the Dartmouth College Hood Museum, the Harvard Sackler Museum, and the Boston Museum of Fine Arts. A brief studio art experience involving students making and firing Raku tea bowls for a tea ceremony will be offered as an additional hands-on component.

The aim of the course is to provide students with an overview of Japanese art and cultural history. Students will acquire a comprehensive understanding of the main trends of thought, society, and literary works of Japan through the centuries. The overall objective of the course is to deepen the knowledge of Japanese culture through a study of the arts.

HON250D-HN: Five Books, Two Films, One Letter, and One Play for Lawyers
Credits: 3
Prerequisites: Membership in Wesson Honors Program
Exploration Area: None
Major/Minor Requirements: None
Law may be defined loosely as the rules by which a society orders itself. Lawyers practice their profession and, in doing so, strive to help others solve or avoid problems. Judges decide cases based upon the applicable rules, the arguments of lawyers, and sometimes other factors although debates rage about the applicability of those factors from race to gender to class to nationality to religion to politics. Thus law, lawyers, and judges are all critical actors in the business of government and the business of life. As such, they have been the subject of criticism, idolatry, adoration, scorn, and reverence. They have been the subject of philosophers, historians, fiction writers, and film makers. Law, lawyers, and judges have been viewed through
the lenses of many academic and social perspectives. The course goal is to encourage you to think about law, lawyers, and judges and to think about the ways they have been portrayed and how they have portrayed themselves.

**PSY240C-HN: Life-Span Development**

**Credits:** 3  
**Prerequisites:** PSY101 and membership in the Wesson Honors Program  
**Exploration Area:** None  
**Major/Minor Requirements:** 200-level PSY course for CD major; PSY240 for NUR major; 200-level focus course for PSY major; 200-level course for PSY minor

This course explores the fascinating journey of the individual from birth to death. Students trace individual physical, cognitive, and socio-emotional development chronologically, exploring the issues pertaining to each stage. This course helps all students better understand others and gain some insight into their own history. It is particularly designed to help future nurses, teachers, and mental health professionals who are responsible in some way for the care of others.

**PSY350A: Drugs and Behavior**

**Credits:** 3  
**Prerequisites:** PSY101  
**Exploration Area:** None  
**Major/Minor Requirements:** 300-level PSY focus course for PSY major; PSY elective for CD major, 300-level course for PSY minor; 300-level course for CD minor

This course will investigate drug use and drug actions, both licit and illicit. It will also consider the social and policy issues that surround their use. Accordingly, the specific coverage will span a range of topics including drug actions on the nervous system, elementary principles of pharmacology, therapeutic use of behaviorally active drugs, the history of drug use, drug abuse and its prevention and treatment. Specific categories of drugs to be covered include: stimulants, depressants, inhalants, opioids, hallucinogens, and commonly used drugs, such as alcohol, nicotine and caffeine. Medications will also be examined including those for mental disorders and over-the-counter.

**SCI250: Introduction to Geology**

**Credits:** 4  
**Prerequisites:** None  
**Exploration Area:** None  
**Major/Minor Requirements:** Requirement for Environmental Science – Terrestrial major.

Introduction to Geology will provide a deep understanding of the geosphere and its interactions between and among the atmosphere, hydrosphere, and biosphere. Physical aspects, including the Earth’s formation and the processes that continue to shape and reform the planet, will be emphasized from a systems approach. Key interfaces, such as soils, will be highlighted throughout the semester. Biological and chemical concepts will also be explored to provide greater understanding of the environment. The local landscape will be incorporated to provide insight and tangible experiences for students.

**SOC307A: Aging: Social Forces in Later Life**

**Credits:** 3  
**Prerequisites:** SOC101  
**Exploration Area:** None  
**Major/Minor Requirements:** Requirement for all tracks of Health Studies major, 300-level course for SOC major and SOC minor.

This course examines the aging process from age 50 – 100. The course includes aspects of the physiological, psychological, and sociological aging process. Also, the course will focus on the American health care system and its effect on older adults.