

Spring 2021 – Course Descriptions

Subject to change – September 10, 2020

BIOLOGY 100: FUNDAMENTALS OF BIOLOGY (4)

Professor Mark Davis, University of Evansville

This course for non-biology majors deals with fundamental concepts of biology and relates them to social issues. Three hours lecture, two hours lab. Credit is not applicable for biology majors or minors. Class limited to 15 students. UE Outcome 8. *\$15 course fee.

BIOL 305: MICROBIAL ECOLOGY (3)

Professor Mark Davis, University of Evansville

This course is concerned with the wide range of microorganisms that exist and their roles in the environment. It concentrates on microbial environments, detection of microbial activity, impact of microbial activity on the environment in terms of nutrient cycling and pollutant fate, detection and control of pathogens in the environment, and bioremediation (includes risk assessment and environmental biotechnology). Three hours lecture, field studies at sites that utilize microbes (e.g., sewage treatment plants, fermentor facilities). Prerequisite: A 100-level biology course with a grade of C- or better or permission of instructor.

BIOLOGY 399: SPECIAL TOPICS IN BIOLOGY – VIROLOGY (3)

Professor Mark Davis, University of Evansville

Virology is a relatively new discipline in the realm of science. Viruses have been recognized as the causative agents of epidemics from the beginning of human history through early written records or archaeological data. In addition, rudimentary vaccinations have occurred for almost one thousand years. However, it is only recently (relatively speaking) that the virus particle and its composition have been identified and studied. Virology, the study of viruses, includes many facets including viral replication, structure, interactions with hosts, evolution/history, epidemiology, and the diseases caused by the agent. This field is vast and any course must be selective in the coverage of the subject. This course is designed for the upper level science major with a background in microbiology and/or genetics. The course objectives are the following: Introduce the students to general viral structure and replication, viral immunology, viral therapy, and the major diseases caused by various viral families.

BRIT 201: THE BRITISH EXPERIENCE FROM THE CELTS TO THE PRESENT DAY (weeks 1 – 7) (3)

BRIT 202: THE BRITISH EXPERIENCE FROM THE CELTS TO THE PRESENT DAY (weeks 8 – 14) (3)

British Studies Faculty, Harlaxton College

This course, taught only at Harlaxton College and required of all students, is an interdisciplinary introduction to the broad cultural and historical developments within British society from the earliest times to the present. It explains the political development of the various nations that make up the British Isles and the changing nature of the often fractious relationship between and among those countries: England, Scotland, Wales, and (Northern) Ireland. The central theme of the course is national identity; it is concerned with and seeks to explain the nature of Britain historically, politically, culturally, and intellectually. The course seeks to help students understand the protracted and difficult process by which the United Kingdom became unified. Elements of the course are integrated into the College's wide range of extracurricular activities, including the travel program. Through this holistic approach students are encouraged to reflect on concepts of identity—national and individual—and the challenges that people and nations face in an increasingly globalized world. As part of the wider Harlaxton experience, the British Studies program helps students take an important step toward becoming responsible global citizens.

UE Outcomes 2 & 3 and Overlays A & E.

**NOTE: BRIT 201/202 is the basic model for British Studies consisting of 28 lectures and seminars and two course-related field trips.*

*** NOTE: UE students must take both BRIT 201 and BRIT 202*

BRIT 301: THE BRITISH EXPERIENCE FROM THE CELTS TO THE PRESENT DAY (weeks 1 – 7) (3)**BRIT 302: THE BRITISH EXPERIENCE FROM THE CELTS TO THE PRESENT DAY (weeks 8 – 14) (3)****British Studies Faculty, Harlaxton College**

This course, taught only at Harlaxton College and required of all students, is an interdisciplinary introduction to the broad cultural and historical developments within British society from the earliest times to the present. It explains the political development of the various nations that make up the British Isles and the changing nature of the often fractious relationship between and among those countries: England, Scotland, Wales, and (Northern) Ireland. The central theme of the course is national identity; it is concerned with and seeks to explain the nature of Britain historically, politically, culturally, and intellectually. The course seeks to help students understand the protracted and difficult process by which the United Kingdom became unified. Elements of the course are integrated into the College's wide range of extracurricular activities, including the travel program. Through this holistic approach students are encouraged to reflect on concepts of identity—national and individual—and the challenges that people and nations face in an increasingly globalized world. As part of the wider Harlaxton experience, the British Studies program helps students take an important step toward becoming responsible global citizens.

UE Outcomes 2 & 3 and Overlays A & E.

**NOTE: BRIT 301/302 is appropriate for students who wish to earn 300-level credit. In addition to the BRIT 201/202 program of lectures, seminars, and course-related field trips, students who enroll in BRIT 301/302 will take four additional seminars and write a brief research paper on each of these.*

*** NOTE: UE students must take both BRIT 301 and BRIT 302*

BRIT 301H: THE BRITISH EXPERIENCE FROM THE CELTS TO THE PRESENT DAY (Honors) (weeks 1–7) (3)**BRIT 302H: THE BRITISH EXPERIENCE FROM THE CELTS TO THE PRESENT DAY (Honors) (weeks 8–14) (3)****British Studies Faculty, Harlaxton College**

This course, taught only at Harlaxton College and required of all students, is an interdisciplinary introduction to the broad cultural and historical developments within British society from the earliest times to the present. It explains the political development of the various nations that make up the British Isles and the changing nature of the often fractious relationship between and among those countries: England, Scotland, Wales, and (Northern) Ireland. The central theme of the course is national identity; it is concerned with and seeks to explain the nature of Britain historically, politically, culturally, and intellectually. The course seeks to help students understand the protracted and difficult process by which the United Kingdom became unified. Elements of the course are integrated into the College's wide range of extracurricular activities, including the travel program. Through this holistic approach students are encouraged to reflect on concepts of identity—national and individual—and the challenges that people and nations face in an increasingly globalized world. As part of the wider Harlaxton experience, the British Studies program helps students take an important step toward becoming responsible global citizens.

UE Outcomes 2 & 3 and Overlays A & E.

**NOTE: BRIT 301H/302H is appropriate for students who wish to earn honors credit. In addition to the BRIT 201/202 program of lectures, seminars, and course-related field trips, students who enroll in BRIT 301H/302H will take an additional one-hour Honors seminar each week. In place of the term paper written in BRIT 201/202 and BRIT 301/302, students in the honors section will complete an extended research project.*

*** NOTE: UE students must take both BRIT 301H and BRIT 302H*

BRIT 290 - APOCALYPSE THEN? THE LATE MEDIEVAL CRISIS**Dr. David Green, Harlaxton College**

Explores the impact of plague (the Black Death), war and famine on late medieval Britain. The turmoil of this period led to repeated challenges to the established order in the form of peasant revolts, heretical movements and the depositions of kings, and yet it also saw extraordinary cultural expression in art, architecture and literature. The course concludes with a consideration of recent comparisons drawn between the Black Death and the coronavirus pandemic.

ECON 101: PRINCIPLES OF MACROECONOMICS (3)**Professor Alan Grant, Baker University**

Macroeconomics is the branch of economics that studies the domestic economic system as a whole and its interaction with foreign economies. This course focuses on the behavior of the aggregate economy as it pertains to the determination of national income, production, level of employment, general price level, and trade flows. Particular attention is devoted to fiscal policy and monetary policy and their respective impact on the economic system. Satisfies Outcome 9.

ECON 102: PRINCIPLES OF MICROECONOMICS (3)**Professor Alan Grant, Baker University**

Markets are among the oldest social institutions known to man. Microeconomics is a branch of economics that studies the dynamics of individual markets and prices. Focuses on the behavior of producers and consumers and the interdependence in the market process. Pays particular attention to the structure and evolution of competitive markets. Satisfies Outcome 9. ECON 101 is not a prerequisite.

ENGL-330 MODERN AND CONTEMPORARY BRITISH POETRY (3)**Professor Sophie Baldock, Harlaxton College**

This course will introduce students to the work of a range of modern British and Irish poets from the twentieth-century through to the present day. We will look closely at poetic form, language, imagery and voice, while also considering how these poets were and are influenced by historical, social, cultural and political contexts. The course is organized thematically, considering poets in relation to key topics and artistic movements of the twentieth-century and beyond. These include: modernism, experimentation and innovation; poetic responses to the devastation brought about by two world wars; nature, place and landscape; and questions of identity, belonging, race and gender. We will study a diverse range of poets taking in major modern poets as well as less well-known figures from England, Scotland, Wales, Ireland, and some expatriate Americans. These may include: T.S. Eliot, Una Marson, Philip Larkin, Seamus Heaney, Ted Hughes, Sylvia Plath, Eavan Boland, Carol Ann Duffy, Jackie Kay and Alice Oswald. Alongside poems, we will also consider other forms of writing including letters, diaries and critical essays.

ENGL 350: SHAKESPEARE (3)**Professor Nicola Boyle, Harlaxton College**

This course studies a number of Shakespeare's greatest plays; the plays considered will cover histories, the comedies and the tragedies.

HIST 319: THE SECOND WORLD WAR (3)**Professor Edward Bujak, Harlaxton College**

This course examines the causes, course, and consequences of the Second World War. It traces the roots of the war to the failures and inherent instabilities of the new international order established in the aftermath of the First World War. In studying the war itself, the course focuses on the speeches and propaganda in film, newsreels, and posters that sought to explain to the peoples of the various combatants why another war had to be fought and won so soon after the end of the previous "war to end war." The course concludes by examining the outcomes of the war from the perspective of the victors and the vanquished and whether the war actually ended in 1945 or whether it ended in 1989 with the fall of the Berlin Wall. Prerequisite: Sophomore standing or History 112 World History since 1500, or HIST 318 The First World War, or permission of instructor.

**NOTE: History 319 may be taken for honors credit subject to approval by the instructor and the student's home campus honors program. Students taking this course for honors credit will also be expected to consider how WW II continues to affect Anglo-German relations.*

HIST 491: INDEPENDENT STUDY IN MEDIEVAL HISTORY (1-3)**Professor David Green, Harlaxton College**

This course engages in research and/or focused readings for history majors and minors on aspects of medieval Western European history (c.1000-c.1500). Particular attention will be paid to the British Isles and France in the later Middle Ages. Research topics may be linked with student travel in order to explore European cities, castles, cathedrals, etc. Further subject areas may include but are not restricted to Anglo-French relations (e.g., the Hundred Years War), Anglo-Celtic relations (Ireland, Scotland, and Wales), kingship and queenship, the Black Death, chivalry and knighthood, heresy and religious belief, and biographical explorations of major figures/families. Prerequisites: permission of the instructor and prior coursework in history.

**NOTE: History 491 may be taken for honors credit subject to approval by the instructor and the student's home campus honors program.*

MATH 101: MATHEMATICAL IDEAS (3)**Professor Erin Davis, University of Evansville**

Explores a variety of topics, including numeration systems, logic, geometry, probability, and statistics. Includes historical and cultural perspective and contemporary applications. Background should include two semesters of high school algebra. UE Outcome 7. *\$30 course fee.

MATH 222: CALCULUS II (4)**Professor Erin Davis, University of Evansville**

Covers integration techniques and applications of integration. Introduces vectors and matrices, functions of several variables and their derivatives, differential equations, and multiple integrals. Prerequisite: Grade of C- or better in MATH 221. * \$30 course fee.

MATH-341 LINEAR ALGEBRA (3)**Staff to be determined, Harlaxton College**

Covers systems of linear equations, matrices, determinants, vector spaces, linear transformations, and eigenvalues and eigenvectors. Prerequisite: Grade of C- or better in Mathematics 222.

MUS 130-430: UNIVERSITY CHOIR (1)**Professor Tim Williams, Harlaxton College**

This course seeks to develop musicality and performance skills through ensemble singing. There will be opportunities to perform both for the Harlaxton College community and a wider public.

PSCI 489: EUROPEAN POLITICS (3)**Staff to be determined, Harlaxton College**

Examines the historical patterns of social, economic, and religious conflict; structures of citizen representation in interest groups and political parties; electoral systems; constitutional relationships between executive, legislature, and judiciary; economic and foreign policies; and current problems of national identity in European countries.

PSYC-121 INTRODUCTION TO PSYCHOLOGY (3)**Staff to be determined, Harlaxton College**

Surveys major areas of psychology, including methodology, learning, memory, development, personality, psychopathology, and additional areas. Focuses on historical development, research findings, and applications in contemporary life. Fall, spring, summer. UE Outcome 9.

PSYC-416 HUMAN SEXUALITY (3)**Staff to be determined, Harlaxton College**

Covers topics related to human sexuality. Includes sexuality research, anatomy, sexual development, sexual identity and orientation, sexual activity, contraception, sexually transmitted infections, love and relationship, sex and the law, and cross-cultural differences. Exposes students to knowledge and attitudes about human sexuality and challenges them to make informed, ethical choices.

QM-227 INTRO TO STATISTICS (3)**Professor Alan Grant, Baker University**

General purpose introduction to principles of analysis and inference under conditions of uncertainty. Focuses on the logic of statistical inference. Topics include probability, probability distributions, random variables, sampling and sampling distributions, estimation, hypothesis testing, and linear regression and correlation. Prerequisite: Proficiency in algebra at introductory level.

SOC 105 INTRODUCTION TO SOCIOLOGY (3)**Staff to be determined, Harlaxton College**

Introduces major concepts used by sociologists to understand and predict the behavior of individuals in group settings. UE Outcome 9.