

The 2019 N.U.in Program Course Description Guide

The information within this guide provides descriptions of courses available to N.U.in students at each host institution, the Northeastern University course equivalent, and the associated NUpath attribute, if applicable.

Please Note: Course offerings at host institutions vary from semester to semester depending upon course availability, scheduling, faculty member availability and or other contingencies. The 2019 N.U.in Course Descriptions Guide may be used for planning purposes. All courses listed are subject to change.



Table of Contents

Index of NUPATH Abbreviations Northeastern University's academic core	Page 2
Australia: SUT Swinburne University of Technology (SUT)	Page 3
Australia: USYD University of Sydney (USYD)	Page 5
Canada McGill University	Page 8
Czech Republic University of New York in Prague (UNYP)	Page 12
England New College of the Humanities (NCH)	Page 14
Germany Council on International Educational Exchange (CIEE)	Page 17
Greece American College of Thessaloniki (ACT)	Page 19
Ireland University College Dublin (UCD)	Page 23
Italy John Cabot University (JCU)	Page 25

NUpath

Northeastern’s academic core, known as NUpath, is built around essential, broad-based knowledge and skills—such as understanding societies and analyzing data—integrated with specific content areas and disciplines. It offers students the flexibility to integrate core learning into their individual educational journeys. NUpath is Northeastern University’s set of institution-wide general education requirements for all students in all majors. You may find a list of these requirements with further details on the NU Core Curriculum webpage: <https://www.northeastern.edu/core/requirements/>.

Throughout this guide you will find the following abbreviations for NUpath categories. Below is a list of these NUpath categories and their accompanying codes.

NUpath Abbreviation	NUpath Attribute
ND	Engaging with the Natural and Designed World
EI	Exploring Creative Expression and Innovation
IC	Interpreting Culture
FQ	Conducting Formal and Quantitative Reasoning
SI	Understanding Societies and Institutions
AD	Analyzing and Using Data
DD	Engaging Difference and Diversity
ER	Employing Ethical Reasoning
WF	Writing in the First Year
WI	Writing Intensive in the Major

N.U.in Australia: SUT, Swinburne University of Technology (SUT)

Academic Literacies: Situating University Knowledge

This unit aims to develop students' understanding of, and skills for, learning at university and learning online. Using substantive knowledge areas as case studies, students will better understand academic practices and knowledge production, in order to develop good academic practice. They will use these skills to augment their studies in all discipline areas and be able to apply them to the workplace. *NU Course Equivalent: ENGW 1111, First-Year Writing. NUpath: WF*

Australia: A Global Context

This unit of study provides international students from across the university with an introduction to Australian history, culture and politics, with particular emphasis placed on examining Australia's changing place within the global community. *NU Course Equivalent: INSH 1990, Interdisciplinary Studies Elective. NUpath: SI*

Calculus 1 for Science and Engineering

This unit of study aims to provide students with an introduction to differential calculus. Students who successfully complete this unit should be able to: calculate average and instantaneous rates of change and apply these for simple functions; calculate limits; find extrema and apply the mean value theorem in simple situations; find derivatives using the standard rules of differentiation; find derivatives for parametrized curves and apply this to motion problems; calculate derivatives for exponential and logarithmic functions and apply them in simple situations; calculate derivatives of standard trigonometric functions and apply them in simple situations; calculate derivatives of inverse trigonometric functions; solve simple optimization problems; apply l'Hopital's Rule; find anti-derivatives using substitution; apply integration by parts; and use the definite integral and apply the fundamental theorem of calculus in simple situations. *NU Course Equivalent: MATH 1341, Calculus 1 for Science and Engineering. NUpath: FQ*

Chemistry 1 with Lab

The objectives of this unit are: to provide a thorough introduction to the basic concepts of chemistry necessary for chemical, environmental, biochemical, and biotechnology studies; to provide knowledge of the basic structure of elements and compounds and how this determines their interaction with each other; to study various reactions elements and compounds undergo; to establish capability with quantitative problem-solving aspects of chemical reactions; to introduce essential practical skills for the handling and analysis of chemicals; and to establish the importance of chemical safety and precautions in the chemical laboratory and other hazardous environments. *NU Course Equivalent: CHEM 1211/1212, General Chemistry 1 with Lab. NUpath: ND*

Chemistry 2 with Lab

The objectives of this unit are: to expand the fundamentals of modern chemistry introduced in Chemistry 1; to develop in students a competence in basic chemistry sufficiently broad to complete the chemical education of students not continuing to a chemistry major; to prepare students for later, discipline specific, studies in chemistry for students who are completing a chemistry major, or for those wishing to develop advanced chemical skills; to build upon the laboratory skills learned in Chemistry 1; and to develop specific expertise in analytical, physical and organic chemistry. Students who successfully complete this unit should be able to: carry out detailed chemical analysis of at least one compound; carry out complex calculations involving the pH of weak acids and buffers; appreciate the variability of real world (commercial and environmental) analysis; state, and apply, the laws of thermodynamics; write Lewis acid structures for simple organic molecules; determine the class (functional group) of a simple unknown sample; write the chemical structures of compounds using IUPAC nomenclature; predict what chemical reactions will occur based on organic functional groups; write a laboratory report, with minor guidance, in the correct scientific format; and appreciate the importance of chemical safety and ethics in the chemistry laboratory. *NU Course Equivalent: CHEM 1214/1215, General Chemistry 2 with Lab. NUpath: ND*

Concepts of Biology with Lab

The objectives of this unit are: to develop an understanding of the fundamentals of biology; to develop an understanding of the structure and function of living organisms, their life processes, and diversity; and to provide a strong basis for later applications and extensions of this knowledge in various fields, including biotechnology, human biology, and the environment. *NU Course Equivalent: BIOL 1111/1112, General Biology 1 with Lab. NUpath: ND; AD*

N.U.in Australia: SUT, Swinburne University of Technology (SUT) – continued

Energy and Motion

This unit of study aims to provide students with an introduction to the physics of energy and motion emphasizing their applications and importance in an engineering context. Students who successfully complete this unit should be able to: identify the symbols and units for a wide range of physical quantities, and describe their definitions; discuss the basic principles underlying the physics of energy and motion using both written and oral communication; apply the principles of energy and motion to solve conceptual and numerical problems in simple systems, and to understand real-world phenomena; safely execute experiments, analyze and interpret results and errors, and formulate conclusions as part of a team; and generate high quality individual reports. *NU Course Equivalent: PHYS 1151/1152/1153, Physics for Engineering 1 with Lab, and Interactive Learning Seminar. NUpath: ND; AD*

Global Media Industries

This course will critically explore the issues surrounding the debates, concepts and practices which shape media industries in the context of globalization. This unit will look into how media industries and practices have been affected and reframed by recent political, economic, social, cultural and technological factors on a global scale. Through the study of theoretical concepts, scholarly debates and case studies, this unit will look into the issues surrounding media industries, content and practice at global, regional and national levels in different parts of the world. *NU Course Equivalent: MSCR 2325, Global Media. NUpath: SI; DD*

International Politics

This unit provides an introduction to foundational concepts and theories of international politics and their application to historical and contemporary case studies, which will include war and peace, security, power, political economy and globalization. It focuses on the relationship and interaction between state and non-state actors in global politics, as well as compares and contrasts the various approaches that explain and interpret events. The unit also critically assesses and analyses the foundational theories, concepts and approaches in their underlying assumptions and outcomes. *NU Course Equivalent: POLS 1160, International Relations. NUpath: SI*

Introduction to Media Studies

This unit aims to introduce students to textual analysis and cultural and social theories that include semiotics, language, and ideology by considering the way information is represented in the mass media. This enables students to acquire an understanding of media's significant contribution to the formation of social and cultural attitudes. Students will also be introduced to some of the issues surrounding media ownership, as well as key movements in the arts. *NU Course Equivalent: MSCR 1220, Media, Culture, and Society. NUpath: IC; SI*

Introduction to Philosophy

This unit of study provides an introduction to several major themes and thinkers in the philosophical tradition. Issues discussed include: mind and body, personal identity, free will and determinism, reality, knowledge, ethics and morality. In discussion, a primary aim is to apply what we learn from the study of these themes and thinkers to aspects of everyday experience, and on this basis come to a better understanding of who we are and of the possibilities for living open to us. The unit of study also fosters a range of analytical, critical and communication skills, valuable for both personal and professional development. *NU Course Equivalent: PHIL 1101, Introduction to Philosophy. NUpath: SI; ER*

N.U.in Australia: USYD, University of Sydney (USYD)

Atheism, Fundamentalism, and New Religions

This unit of study discusses current debates and developments in religion, including the supposed rise of fundamentalism, arguments over “the death of God,” and new forms of spirituality and enchantment. A particular focus will be recent high-profile events and controversies which will be analyzed and discussed using a variety of media. The overarching theme of the course is: What is the future of religion? *NU Course Equivalent: PHIL 1990, Philosophy Elective. NUPath: IC; SI*

Australian Theatre, Film, and Learning

In this unit, students will examine the nature of Australian theatre, film and media in several cultural, social and educational settings. Because theatre, film and media are significant and exciting components of Australian culture, students' experience and analysis of specific performances, in the context of international forces impacting upon them, will help students to understand Australian society. A particular focus of study in this course will be theatre and film created especially for and by Australians and how that shapes Australian identity. *NU Course Equivalent: MSCR 1190, Media and Screen Studies*

Dangerous Performances

Performance has long been associated with risk: in the popular imagination, among performers, writers and theorists. From breathless narratives of courageous actors taking on risky roles, to the extremes of performance art, contemporary performance and political action, you will explore and understand performance pushed to the limits. *NU Course Equivalent: MSCR 1990, Theatre Elective. NUPath: EI; IC*

Fundamentals of Music 1

An introduction to basic music literacy skills, including learning to read and write music, and an understanding of fundamental aspects of its structure and composition. The material covered in this unit of study concentrates upon the basics of music theory and listening to ensure that participants have a solid grounding for a firm understanding of music notation and organisation. *NU Course Equivalent: MUSC 1990, Music Elective*

Hollywood: Art, Industry, Entertainment

Since the early 20th century, Hollywood has dominated film screens around the world. This unit considers America's 'dream factory' as profit-oriented industry, mass entertainment, and cinematic art form. It covers key historical developments including the star system, Production Code censorship, New Hollywood, and the franchise film. *NU Course Equivalent: MSCR 1990, Media and Screen Studies Elective*

Introduction to Diversity

Diversity has become one of the most important issues in contemporary society. Increasingly communities and workplaces encourage us to support diversity. This unit introduces students to a range of diversity issues informed by race, ethnicity, gender, class, sexuality and dis/ability and the importance of cultivating understanding and respect for difference. It will appeal to students interested in social, economic and cultural marginalisation. *NU Course Equivalent: INSH 1990, Interdisciplinary Elective in Social Sciences and Humanities*

Introduction to Geography

This unit of study aims to introduce students to academic geography by developing an understanding of what it means to think geographically. As we hope to show through lectures, readings, practicals, and assessments, everything has a spatial dimension – a “where” – that matters. To “do geography” is to try to understand this spatiality by looking at how the creation of landforms, the formation of communities, the exercise of authority, and all manner of other everyday and extraordinary processes “take place.” That is, geographers explore and theorize how these processes both shape and are shaped by the places and spaces where they occur. *NU Course Equivalent: SOCL 1990, Sociology Elective*

Introduction to Indigenous History

This unit of study focuses on the history of Aboriginal and Torres Strait Islander peoples since colonisation, exploring key social, political and legal events, issues and debates, and the people behind them. Students will learn about important historical events and social issues in areas such as civil and political rights, land rights, self-determination and reconciliation, developing an understanding of how these events and issues have shaped the shared history of Australia. The unit introduces a decolonising methodology that will underpin further work in the major. *NU Course Equivalent: HIST 1990, History Elective*

N.U.in Australia: USYD, University of Sydney (USYD) – continued

Introduction to International Relations

This unit provides students with a foundational understanding in two key areas of international relations. First students will gain an understanding of the history of the international political and economic system, and the forces, events, and processes that have shaped the contemporary international system. Second, students will be introduced to the main theories of international relations and explore how these help explain the forces that shape international relations. *NU Course Equivalent: POLS 1160, International Relations. NUpath: SI*

Introduction to Politics

What is politics? What is political science? How can we compare political systems? This unit introduces key political institutions, organisations, processes, activities and ideologies and how these differ between countries. It explains different approaches to political science, using examples from a range of countries, including Australia. *NU Course Equivalent: POLS 1990, Political Science Elective*

Introduction to Sociology 2

This unit provides students with an introduction to the discipline of sociology through an analysis of contemporary Australian society. Students will become familiar with the key sociological perspectives and concepts, and will be encouraged to analyze a range of different social phenomena, including: class and inequality, the experience of Indigenous Australians, ethnicity and race, gender and sexuality, health, illness and death, power and the state, social control, crime and deviance, terrorism and surveillance. *NU Course Equivalent: SOCL 1101, Introduction to Sociology. NUpath: SI*

Introductory Logic

This unit of study will provide students with a grounding in classical logic, covering both propositional logic and predicate (also known as quantificational, or first order) logic. In this course, students learn how to identify and construct valid arguments, using techniques such as truth tables, models and truth trees. Apart from being a great aid to clear thinking about any subject, knowledge of logic is essential for understanding key areas of contemporary philosophy, linguistics, mathematics and computing. *NU Course Equivalent: PHIL 1115, Intro to Logic. NUpath: FQ; AD*

Introductory Microeconomics

Introductory Microeconomics addresses the economic decisions of individual firms and households and how these interact in markets. Introductory Microeconomics introduces students to the language and analytical framework adopted in Economics for the examination of social phenomena and public policy issues. Whatever one's career intentions, coming to grips with economic ideas is essential for understanding society, business and government. Students are given a comprehensive introduction to these ideas and are prepared for the advanced study of microeconomics in subsequent years. It is assumed that students undertaking this unit will have a prior knowledge of mathematics. *NU Course Equivalent: ECON 1116, Principles of Microeconomics. NUpath: SI; AD*

Learning in Outdoor Education

Engagement with natural environments in Australia forms a significant part of growing up for many Australians whether in formal educational settings, organised leisure activities or through informal recreational experiences. It is also of interest for a growing number of overseas visitors wishing to experience Australia's unique natural environments. Learning in Outdoor Education examines the nature and significance of the learning that takes place through these experiences. While the unit aims to build knowledge and develop understanding of specific areas of natural significance, its principal focus is the theory and practice surrounding Experiential Education. It does this by examining two different, yet interrelated, modes of learning in and about natural environments through lectures about these places and by experiences in these places. *NU Course Equivalent: EDUC 1990, Education Elective*

Music in Western Culture

This unit will study a range of today's popular classics with a view to understanding how musical meaning is constructed in relation to the development of tonality and other European stylistic conventions from the Ancient Greeks to the present day. It will consider questions about how the Western art music tradition has been in response to social change with a special focus on times of crisis and upheaval. *NU Course Equivalent: MUSC 1101, Introduction to Music*

N.U.in Australia: USYD, University of Sydney (USYD) – continued

Popular Culture and Politics

We can understand contemporary debates in politics and international relation via studying popular culture. The unit is based on three core concepts: power, identity and conflict. After introducing major theories and definitions the unit will apply them in multifaceted ways to popular culture: from House of Cards to Borgen, and from Eurovision to Game of Thrones. *NU Course Equivalent: INTL 1990, International Affairs Elective*

Screen Cultures and Gender: Film to Apps

This unit traces the history of screen cultures from film to apps, focusing on how popular media is used to produce and represent masculinity and femininity. Students will consider cinema, television, videogames, the internet and mobile devices, asking how changing media forms and practices impact on our gendered identities and everyday lives. *NU Course Equivalent: MSCR 1990, Media and Screen Studies Elective. NUpath: DD*

Shock of the Now: Global Art since 1900

Art shapes our cities, streets, galleries, phones and minds. It is now made with every conceivable material, and sometimes none at all. It shocks, challenges, soothes, entertains, engrosses and overwhelms us. This unit charts the history of Modern and Contemporary Art across the world, as it is shaped by and shapes society, politics and environment. It shows current concerns in art, with materials, landscape, self-image, politics, and the body are grounded in a century of global experiment. *NU Course Equivalent: ARTH 2211, Contemporary Art and Design History. NUpath: WI*

Sport and Learning in Australian Culture

This course provides students with a socially critical perspective on the place, meaning, and practice of sport in Australian culture. Focused on the range of learning that takes place through youth's engagement in sport, it examines the practice of sport at levels ranging from elite international sport to grass roots, community-based and school sport. The processes of globalization and commodification in sport will be addressed in collaboration with the implications these processes have for the social and cultural development of youth. In striving to provide a meaningful educational experience, this unit places students' first-hand experiences of Australian sporting culture at the center of the unit of study through the provision of field trips to relevant sporting events in Sydney. *NU Course Equivalent: ANTH 2365, Sport, Culture, and Society. NUpath: IC*

Writing and Rhetoric - Academic Essays

The persuasive power of the English language emerges from its richness and variation. This unit teaches students to recognize these complexities as resources for the creative construction of meaning. Students will learn to communicate effectively and clearly in oral and written mediums and critically appraise the variable uses of English in academic contexts, analyzing how English is employed across a variety of contexts. *NU Course Equivalent: ENGW 1111, First-year Writing. NUpath: WF*

Youth and Digital Culture

What role does digital media play in society and culture? How does it shape young people's experiences, values, and learning opportunities? This unit examines the ways in which the lives of children and young adults are shaped by digital culture. By examining this process in historical and contemporary contexts, students will gain insight into how identity is shaped by practices such as social networking, videogame playing, and digital authoring. *NU Course Equivalent: COMM 1990, Communication Studies Elective. NUpath: EI*

N.U.in Canada, McGill University

Applied Quantitative Methods

This course will cover the fundamentals of mathematics and algebra, and introduce statistical and quantitative techniques with a focus on applications related to the field of finance, such as simple and multiple linear regressions, financial forecasting methods, and generation of Pro-Forma Financial statements. *NU Course Equivalent: MATH 2280, Statistics and Software. NUpath: AD*

Architectural History 1

The study of architecture and cities from ancient times to 1750. History is "the process of inquiry into the past of man in society" (E.H. Carr). History and Theory of Architecture are connected disciplines. History defines and illustrates the cultural context in which theories (scientific, artistic, architectural, philosophical) and architectural objects (cities, buildings, bridges, etc.) emerge. This course comprises a series of lectures and readings on selected topics in the history of western architecture before 1400, rather than a comprehensive survey of world architecture. *NU Course Equivalent: ARCH 1310, Buildings and Cities, A Global History. NUpath: IC; DD*

Architectural Structures

The aim of this course is to give students an insight into the many and varied aspects of structures in general and architectural structures in particular. This course will take a qualitative approach to structures. As architectural structures are executed in physical materials, the techniques of material extraction, the processes of manufacturing and the techniques of assembling will also form part of the material covered. Structures will often be viewed from a historical perspective when this throws light on the discovery of structural principles and the development of construction practices. *NU Course Equivalent: ARCH 2260, Introduction to Building Systems. NUpath: ND*

Basic Materials: Western Music

A combination of elementary theory and ear training (sightsinging and aural recognition), and basic piano skills. Topics include: notation of pitch and rhythm, intervals, scales and modes, concept of key, triads and seventh chords, introductory melody and accompaniment writing. *NU Course Equivalent: MUSC 1990, Music Elective*

Critical Analysis and Composition

This course offers students the opportunity to move across texts and genres, focusing on the basics of compositions and the use of metaphor, organization, selection, gaps and silences, tone, and point of view. Through a series of sequenced assignments, students read fiction and non-fiction texts, make the critical interpretation of these texts the occasion for their own writing, write the expository prose that makes use of a variety of rhetorical strategies, conduct library research when appropriate, reflect on and assess their writing, and refine their documentation skills. Requires students to write multiple drafts and emphasizes the writing process as well as the quality of the finished product. *NU Course Equivalent: ENGW 1111, First-Year Writing. NUpath: WF*

Feminist and Social Justice Studies

Introduction to the key concepts, issues, and modes of analysis in the interdisciplinary fields of feminist and social justice studies. Emphasis on the intersections of gender, race, class, sex, sexuality, and nation in systems of power from historical and contemporary perspectives and the means for collectively transforming them. *NU Course Equivalent: WMNS 1103, Introduction to Women's, Gender, and Sexuality Studies. NUpath: SI; DD*

Foundation French

For students at an elementary level wishing to acquire competency in reading and writing. Vocabulary and grammar through written/oral exercises and communicative activities are aimed at helping students develop the linguistic skills required to operate in various simple social and cultural contexts. *NU Course Equivalent: FRNH 1101, Elementary French 1.*

NOTE: More advanced French language courses may be available, per placement test at McGill University.

Government of Canada

This course provides an introduction to the central institutions and actors in the Government and the governing of Canada. These include the Governor-General, Prime Minister and Cabinet, Parliament, the Federal System and the Judiciary. The basic focus is on the principles and practices that structure the exercise of political power in Canada. Attention is paid to changes in the nature and distribution of power and how such changes affect the relationships among and between political institutions and actors, including citizens, and between political power and democratic control. *NU Course Equivalent: POLS 1990, Political Science Elective*

N.U.in Canada, McGill University – continued

History of Communication

The social and cultural implications of major developments in communications from prehistory to the electronic era. Thematic and conceptual introduction to the underlying media technologies and to some key issues and practices of historical thinking about their role in society. *NU Course Equivalent:* COMM 1990, Communication Studies Elective

Indigenous Art and Culture

This course will examine the production of contemporary First Nations, Métis and Inuit artists in Canada from the 1990s to the present. A diverse range of contemporary art practices – including painting, drawing, photography, film, performance, installation and new media art – will be considered in relation to key aspects of the cultural, political and social life of Indigenous peoples in Canada. Much of the work examined reflects and responds to the continuing legacy of colonization and successive Canadian governments' policies of assimilation and segregation. Artists, artworks and exhibitions examined will therefore be both historically and contemporarily contextualized. We will discuss the impact of the Indian Act, the Residential School System, the establishment of Reserves and conflicts surrounding sovereignty and status, as well as the portrayal of Indigenous identity in art, popular culture and news media. *NU Course Equivalent:* ARTH 2990, Art History Elective

International Politics: State Behaviour

The purpose of this course is to introduce students to what we know about international politics and to the main theoretical lenses that we use to know what we know. After a critical survey of the main theoretical approaches to the study of world politics, the course invites students to revisit the history of modern international relations, and to discuss, in this context, specific theories of world politics. While not exclusively, special attention is given to questions of conflict and cooperation in matters of international security. *NU Course Equivalent:* POLS 1160, International Relations. *NUpath:* SI

Introduction to Communication Studies

The social and cultural implications of media. Surveys theory and case studies relevant key issues such as the ownership, structure and governance of media industries; the significance of emergent media technologies; and the roles of media as cultural forms and practices. *NU Course Equivalent:* COMM 1101, Introduction to Communication Studies. *NUpath:* SI; ER

Introduction to Cultural Studies

A survey of cultural studies, its history and subject matter, presenting key interpretive and analytic concepts, the aesthetic and political issues involved in the construction of sign systems, definitions of culture and cultural values conceptualized both as a way of life and as a set of actual practices and products. *NU Course Equivalent:* SOCL 2300, Social Theory. *NUpath:* WI

Introduction to Early Modern Art: 1400-1700

This Art History course surveys visual culture of early modern Europe across various social spheres and geographical locations. *NU Course Equivalent:* ARTH 1111, Global Art and Design History: Renaissance to Modern. *NUpath:* IC; SI

Introduction to Film Studies

An introduction to key concepts in film studies. Exemplary works from the history of film will be studied to introduce students to such topics as the aesthetics of film; sound's production of meaning; film as narrative; film and genre; period and national cinemas; film's role in culture. *NU Course Equivalent:* MSCR 1220, Media, Culture, and Society. *NUpath:* IC; SI

Introduction to Modern Art

This Art History course is an introduction to the modern period in art history which begins around 1750. It examines the development in both painting and sculpture and relates to changes in the social and political climate of the times. *NU Course Equivalent:* ARTH 2210, Modern Art and Design History. *NUpath:* IC; SI

Introduction to Political Science

This course presents an introduction to political science, including the basic theories, concepts, and approaches to the enduring questions that motivate political research. The objective of the course is to prepare students for further coursework in political science, while providing perspective of the relevance of political science, encouraging students to further their knowledge in the field. Students will obtain a better empirical grasp of current political debates, as well as an overall understanding of some of the approaches to these issues from political theory, comparative politics, international relations, and Canadian politics. *NU Course Equivalent:* POLS 1140, Exploring Politics and Political Science

N.U.in Canada, McGill University – continued

Introduction to Shakespeare

This course provides an introduction to the drama of William Shakespeare by covering a selection of plays chosen from the various genres represented in his canon (comedy, history, tragedy, romance). The plays will be examined from a variety of critical perspectives. As well as the themes of the works, we will study issues such as Shakespeare's language, his use of sources, and the historical, cultural and political context in which he wrote. Since Shakespeare's drama was written to be performed, we will explore early modern stage practices and will also examine the subsequent performance history of the plays up to the present day on both stage and screen. Students will also see and discuss a live Shakespeare performance. *NU Course Equivalent: ENGL 1600, Introduction to Shakespeare. NUpath: IC; SI*

Introduction to the Study of Canada

This course is an introduction to the ideas and methods that scholars have applied to and derived from the study of Canada. It has been designed to familiarize you with some of the foremost issues, which have shaped and continue to influence contemporary life in Canada. You will be introduced to the anthropology, history, geography, and sociology of Canada as well as its politics, literature, and culture. This course examines how Canadians have lived together: by what means they have interacted with one another, earned a living, and responded to various political regimes. The course will also consider long-standing and shifting deliberations about identity, citizenship, and representations of what constituted exemplary Canadians and French-Canadians/Québécois. *NU Course Equivalent: INSH 1990, Interdisciplinary Studies Elective. NUpath: SI; DD*

Introduction to the Study of Quebec

This course is an introduction to the ideas and approaches that scholars have used and developed to study Quebec. It will familiarize students with some of the foremost issues which have shaped Quebec historically and continue to influence contemporary life. Employing an interdisciplinary focus, QCST 200 examines changing notions about territory, identity, language, citizenship and belonging. The complexity and diversity of Quebec (11 Aboriginal nations, multilingual, multiethnic and religious communities, minority status within Canada and much more) will also be explored from a comparative perspective to identify characteristics that Quebec shares with other nations and those that are different. *NU Course Equivalent: HIST 1990m History Elective*

NOTE: Listening and writing comprehension of French is helpful but not required.

Introduction to Theatre Studies

An introduction to dramatic literature, text analysis, textual and performance theory, and theatre history. This course provides a critical introduction to theatre studies, in its branches of dramatic literature, dramatic theory, and theatre history. This introduction to the field will include plays drawn from the major episodes of western theatre history, beginning with Ancient Greek tragedy through contemporary Canadian and postcolonial performance. Through the plays, students examine what "theatre" is in different periods and places, how it is constituted by the material conditions of performance, codified in dramatic genres, and conceptualized in dramatic theory. *NU Course Equivalent: THTR 1101, Introduction to Theatre. NUpath: EI; IC*

Jazz History Survey

An introductory study of the principal recordings, artists and musical trends in jazz from its origins to the present day. This course is designed to introduce students to many different musical aspects of the jazz tradition; through the recorded medium, students study compositional and improvisational contributions from the great jazz masters. Recordings will be played and discussed in class, and students will be expected to recognize important soloists and ensemble traits through repeated listening. *NU Course Equivalent: MUSC 1112, Jazz. NUpath: IC; DD*

NOTE: Requires prerequisites. Students should have an interest in listening to an abundance of jazz, and be able to recognize differences in instruments and stylistic traits.

Microeconomic Analysis and Applications

A university-level introduction to demand and supply, consumer behaviour, production theory, market structures and income distribution theory. The course is intended to equip students with basic knowledge in microeconomics. We will go over basic concepts and notions in microeconomics and will see several practical applications of the theory. This will help students to understand how market goods, capital and labor markets work and interact as well as how government policy intervention can change market participants' actions. This course does not have calculus requirement though knowing it is always an asset. *NU Course Equivalent: ECON 1116, Principles of Microeconomics. NUpath: SI; AD*

N.U.in Canada, McGill University – continued

Popular Music after 1945

An historical survey of major artists, genres, and styles in the most widespread traditions of postwar commercial music. The course will include practice in techniques of listening, discussion of the shaping institutions of commercial music, and consideration of the interaction of musical style and culture. *NU Course Equivalent:* MUSC 2310, Popular Music Since 1945. NUpath: IC; SI

NOTE: Requires prerequisites. Students should have ability to read music notation, have a basic understanding of music theory and be able to recognize differences in instruments and stylistic traits.

Survey of Basic Mathematics 1

This course offers development of the fundamental principles of calculus. Topics include functions and graphs; limits, continuity, and derivative; differentiation rules; applications; and anti-differentiation. *NU Course Equivalent:* MATH 1231, Calculus for Business and Economics. NUpath: FQ

The Art of Listening

An introduction to the major forms and styles in Western music from the baroque to the present, with emphasis on guided listening in the classroom. *NU Course Equivalent:* MUSC 1101, Introduction to Music

NOTE: The ability to read music is not a prerequisite.

N.U.in Czech Republic, University of New York in Prague (UNYP)

Art of the Western World

The course presents an introductory survey of the History of the Western Art from the Paleolithic era to the present day. The scope of the course is broad, with a limited set of major examples which will focus on the most important pieces in the eyes of the art historians. The course will try to expose the students to the beauty of art, deepen their historical understanding and observing pieces of art in their context of time and specific meaning, as well as an artistic value. Students will sharpen their visual skills and learn to apply their knowledge to works of art that they may have never been exposed to before. There will be opportunities for field trips to art galleries to see and admire the works of art in person. *NU Course Equivalent: ARTH 1110, Global Art and Design History: Ancient to Medieval. NUpath: IC; SI*

Business Calculus

This course introduces students to the use of derivatives and integrals in solving problems in business and economics, e.g., maximizing profit, calculating average investment income, future value of an income stream, and consumers' surplus, as well as using the tools of calculus in other practical business and economics situations. Students will not only develop abilities in calculation, but also recognizing the appropriateness of using calculus tools in business situations. *NU Course Equivalent: MATH 1231, Calculus for Business and Economics. NUpath: FQ*

Central Europe and its Transitions: the Czech Lands

This course aims to introduce students to historical and contemporary issues of Czech society and culture from an interdisciplinary perspective. Various Central and Eastern European countries of the former Socialist bloc up to 1989 had essentially the same political and economic system, and recently underwent a kind of transformation from a totalitarian political system to democratic pluralism, and from a centrally-planned economy to joining the global free-market economy. Based on ethnographic case studies, among other academic literary and visual sources, this course investigates the specific ways in which Czech society experienced life under Communism, its overthrow during the Velvet Revolution in November 1989, the split of Czechoslovakia a few years later, and the political and economic transformation it has had since its integration into the European Union in 2004. *NU Course Equivalent: POLS 3445, Politics in Central and Eastern Europe.*

Cultural Anthropology

This course will be focused on main issues of anthropological thinking and key anthropological theories, with an emphasis on the Central and Eastern European region. Among the different topics addressed and analyzed by contemporary anthropologists that will be discussed in class based on their ethnographic research, are: race, ethnicity, class, gender, sexuality, religion, globalization, education, health care, violence, the mass media and climate change, among others. Through the analysis of different weekly case studies, this course will identify how Anthropology offers a distinctive way of interpreting the surrounding world, as well to understand how social, political and economic contexts and structures shape our lives. Emphasis in the class will be on basic anthropological ideas regarding social relations, social interaction, social structure and social change after 1989 in Central and Eastern Europe. *NU Course Equivalent: ANTH 2990, Anthropology Elective*

English Composition II

This course emphasizes critical reading and critical thinking, the process of composing academic forms of writing and computer literacy. It focuses on the movement from expressive to expository writing with papers assigned to develop particular writing techniques. It is a first-semester English course and is prerequisite. The course purpose is to emphasize the development of effective communication skills and to help students gain proficiency in all aspects of the writing process. The course will encourage critical thinking and analysis, along with gaining knowledge of citing sources. *NU Course Equivalent: ENGW 1111, First Year Writing. NUpath: WF*

Introduction to Political Science

A general introduction to political science, including basic concepts such as power, authority, legitimacy and participation; types of political systems and the present developments in democratic politics. This course studies the most central concepts in political science and their application in democratic politics. The aim of the course is to describe the main concepts and institutions that constitute the core of the political activity in democratic countries and to describe the main processes identifiable in the practice of contemporary politics. *NU Course Equivalent: POLS 1140, Exploring Politics and Political Science*

N.U.in Czech Republic, University of New York in Prague (UNYP) – continued

Introduction to Sociology

This course consists of an analysis of social structures and processes in settings ranging from small informal groups to formal organizations and communities to stratification and kinship systems to totalitarian societies. The course offers a broad introduction to the nature of society and the relationship between society and the individual. Students will survey basic sociological ideas regarding social relations, social interaction, social structure, and social change are examined. Students will also be introduced to key issues addressed by contemporary sociologists, such as class, race, gender, sexuality, religion, globalization, education, health care, crime, the media, culture and the environment. This course will identify how sociology offers a distinctive way of interpreting the surrounding world, as well to understand how social contexts and structures shape our lives. *NU Course Equivalent: SOCL 1101, Introduction to Sociology. NUpath: SI*

Literature and Politics

This course explores the ways literary texts have engaged with politics in a broad sense. The focus is on works of modern fiction and drama and the ways in which these texts approach political themes such as systems of government, social control, education, war, colonialism, censorship, gender and social responsibility. This course has several aims: to examine real political events and conflicts through works of fiction, poetry and drama; to explore the ways in which authors interpret and represent the political; to assess how these representations might change or enrich our sense of particular events and power struggles in twentieth century history; to promote deeper understanding of the role of literature and theatre as a means of remembering or constructing the past, as venues for dissent and social critique and as realms in which alternatives are imagined. *NU Course Equivalent: ENGL 3426, Literature and Politics*

Microeconomics

The course provides an introduction to the economic way of thinking: by postulating a model of humans' decision making, it aspires to explain their behavior, interaction among them and social institutions that developed to both constraint and underpin them. It covers all the principal concepts (scarcity, benefits, costs, demand, supply, equilibrium price and price system and efficiency) and applies them to phenomena beyond the traditional market settings. *NU Course Equivalent: ECON 1116, Principles of Microeconomics. NUpath: SI; AD*

Modern Europe

This course is an introduction to the study of the political, economic, and social evolution of Europe from the Renaissance until the present times. The course analyses the appearance of the modern states, the evolution of political ideas and the socio-economic transformations that gave birth to a new Europe in the twentieth Century. *NU Course Equivalent: HIST 1170, Europe: Empires, Revolutions, Wars, and Their Aftermath. NUpath: SI; DD*

Public Speaking

Communicating an idea successfully to an audience in a 'one-to-many' speaking situation. Emphasis on creating, researching, organising and presenting speeches. The ability to speak in public is now required in a great many professions, and is a skill best acquired through practice. This course is designed to give an overview of the principles and tools involved in communicating an idea successfully to an audience, and how to turn these into practice. Students have an opportunity to practise techniques for reducing stress, and work on delivering informative, persuasive and entertaining presentations, as well as evaluating critically the varying styles of key public speakers in the real world. The course is designed to help students both with presentations in other classes and to prepare them for the demands of the working environment. The emphasis is on providing a supportive and collaborative atmosphere in which these skills can be developed and improved. *NU Course Equivalent: COMM 1122, Public Speaking*

N.U.in England, New College of the Humanities (NCH)

2D Foundation (Pending NU Approval)

The 2-D Foundation is an introductory lecture/studio offering students an opportunity to discover and search out basic principles, language and concepts inherent in 2-dimensional visual language systems. Students will learn to evaluate works of art, to apply principles to class work, develop a visual vocabulary, to think visually and to analyze critically. Students will also learn about techniques and materials through hands-on projects and homework assignments. Lectures, demonstrations, group discussions and critiques are complemented by hands-on studio problems designed to stimulate student exploration and experimentation. *NU Course Equivalent: ARTF 1122, 2D Foundation. NUpath: EI*

Academic Writing

The goal of this course is to help students learn how to participate in an academic community, in part by helping students to become aware of the ways information and communication function within all sorts of different cultural groups. Students will learn how to assess a variety of communication situations, and how to make choices that will help them participate effectively in those situations. This process will not only help students to write more effectively in an academic context, but it will also help to implement new habits of thinking and deploy new strategies for working with information. This course aims to help students negotiate writing goals and audience expectations regarding conventions of genre, medium, and situation; formulate and articulate a stance through writing; revise writing using responses from others, including peers and teachers; effectively use and appropriately cite sources in your writing; use multiple forms of evidence to support your claims, ideas, and arguments; practice critical reading strategies; provide revision-based response to your peers; and self-assess as writers. *NU Course Equivalent: ENGW 1111, First Year Writing. NUpath: WF*

Britain and the World: Interaction and Empire

Welcome to 'Britain and the World: Interaction and Empire'. This course introduces students to the history of Britain and its interaction with the world. The course follows British history from the Roman Empire to today. The aim is to examine the Britain's relationships with other countries and cultures, exploring social, economic, and cultural developments, as well as political and diplomatic ones. As well as understanding these developments discretely, students will also be encouraged to see how they affect one another. *NU Course Equivalent: HIST 1990m History Elective*

British Drama and the London Stage

In this course students will study a range of drama from the British Isles across six centuries, with a particular emphasis on the evolving nature of theatre and performance in London. Attention is given to major playwrights, movements, styles and themes and their historical, critical and performance contexts. Throughout the course we will be considering the relationship between page and stage: between the dramatic text as it appears in written form, and its life in performance. After an overview we will proceed chronologically, from Elizabethan and Jacobean Shakespeare through to the eclectic British theatre of the twenty-first century. Lectures are highly interactive and are structured around significant playwrights, genres, movements and topics. We will use the wealth of theatres and productions happening on our doorstep in London as a resource. *NU Course Equivalent: THTR 1990, Theatre Elective*

Calculus for Business

Calculus for Business is a calculus course intended for those studying business, economics, or other related business majors. The following topics are presented with applications in the business world: functions, graphs, limits, differentiation, integration, techniques and applications of integration, partial derivatives, optimization, and the calculus of several variables. Each textbook section has an accompanying homework set to help the student better understand the material. *NU Course Equivalent: MATH 1231, Calculus for Business and Economics. NUpath: FQ*

Cultures of London

This course is about the relationship between place, people, and culture in the widest sense of the term, including works of art. In this course you will encounter and study a wide range of cultural manifestations in and of London: examining how different people and different art forms have helped form an idea of the city across different time periods; and how the city has in turn influenced the people who live here and the directions art forms have taken. Wherever possible we will be studying London and its cultures first-hand. The course focuses on a wide variety of art that has been produced in, or which reflects upon, London, including in the visual arts and architecture, and with a strong emphasis on literary representations. We will study a range of poetry, prose and drama spanning more than 450 years, tracing continuities and differences in relation to historical and sociological change. Above all, the aim is for students to enhance their semester abroad by reflecting deeply on their own experiences of London as visitors from overseas, in relation to the similar experiences of overseas visitors and immigrants to London over the past five centuries. *NU Course Equivalent: INSH 1600, Cultures of London – Abroad. NUpath: IC*

N.U.in England, New College of the Humanities (NCH) – continued

Deconstructing the Canon: Social Histories of European Art

This course forms a critical introduction to the study of art history, taught through the lens of London's significant and extensive museums and galleries. Students will develop an awareness of how European art history emerged as a discipline defined by stylistic categorisation, historical periodization and ideas of 'greatness'. They will be exposed to works that disrupt the dominant art historical narratives surrounding European art, alongside the masterpieces that have been used to build and sustain its canon. The notion that certain works can be considered 'representative' will be considered critically and we will explore how objects can change in appearance, meaning and function over time. Capitalising on their time in London, site visits will be used for students to consider and critique the role of institutions in establishing hierarchies of visual and material culture. Students will explore the part played by museums and galleries in creating and sustaining cultural narratives upon which local, national and global identities are so often based. Each week, students will have lectures and study visits. The course is designed to be highly interactive, offering an opportunity for those who are studying history of art for the first time, or at a more advanced level, to actively participate in each lecture and study visit. *NU Course Equivalent: ARTH 1110, Global Art and Design History: Ancient to Medieval. NUpath: IC; SI*

Design Process and Systems (Pending NU Approval)

This class explores common design practices, principles, and vocabularies, introducing the design process as a method of inquiry and problem solving through studio projects. The class emphasizes the importance of an awareness of audience and context in the creation of meaningful communications and experiences. Finally, we'll explore the practice of design as an iterative process, giving students an understanding of the value of systems thinking and the importance of feedback and exchange as a means for assessing the quality of design's effectiveness in helping users achieve their goals. *NU Course Equivalent: ARTG 1250, Design Process Context and Systems. NUpath: EI*

Discrete Structures (Pending NU Approval)

This course introduces the mathematical structures and methods that form the foundation of computer science. Studies structures such as sets, tuples, sequences, lists, trees, and graphs. Discusses functions, relations, ordering, and equivalence relations. Examines inductive and recursive definitions of structures and functions. Discusses principles of proof such as truth tables, inductive proof, and basic logic. Also covers the counting techniques and arguments needed to estimate the size of sets, the growth of functions, and the space-time complexity of algorithms. *NU Course Equivalent: CS 1800 Discrete Structures. NUpath: FQ*

European Comparative Political Systems

Comparative politics centers on the study of political behavior within states. Whereas international relations deals with relations between states, comparative politics focuses on domestic developments and explores these with a comparative approach. This course examines how democracies can be organized through the formation and development of democratic political institutions. The focus of the course is on institutional development and this provides organizational coherence to the weekly themes examined within it. The background to many of the discourses within this course is the variety of European political systems and the richness of both the normative and the empirical evidence relies heavily on this. The logic behind it is informed by the historical development of modern democracies for which the European context serves as a backdrop. *NU Course Equivalent: POLS 1155, Comparative Politics*

Foundations of Psychology

This course provides an introductory insight into psychology. It surveys fundamental principles, concepts, and issues in the major areas of contemporary scientific psychology. The goal of this course is for you to gain an understanding of multiple major areas of psychology including biological, behavioral, cognitive, and social factors that influence and regulate learning and motivation; personality dynamics; psychopathology and its treatment; life-span development; sensory and perceptual processes; and communication and social behaviors. We will be able to see how psychology is applied to explain individual differences in behaviours, attitudes and feelings. You will learn how psychological experiments are conducted and what famous psychological studies have revealed about human behavior. *NU Course Equivalent: PSYC 1101, Foundations of Psychology, NUpath: ND; SI*

N.U.in England, New College of the Humanities (NCH) – continued**Fundamentals of Computer Science 1 with Lab (Pending NU Approval)**

Introduces the fundamental ideas of computing and the principles of programming. Discusses a systematic approach to word problems, including analytic reading, synthesis, goal setting, planning, plan execution, and testing. Presents several models of computing, starting from nothing more than expression evaluation in the spirit of high school algebra. No prior programming experience is assumed; therefore, suitable for freshman students, majors and nonmajors alike who wish to explore the intellectual ideas in the discipline. *NU Course Equivalent: CS 2500/2501, Fundamentals of Computer Science 1 with Lab. NUpath: ND; FQ*

International Business and Global Responsibility

The emphasis of this course is on the cultural, economic, strategic, and political aspects of national business environments and their impact on international business operations. Students are exposed to a variety of key international business concepts, ranging from strategic planning in the global arena, to managing behaviour and interpersonal relations. Additional topics include free trade agreements, national trade policies, foreign market analysis, and international strategic management. Outside of the classroom we will visit some British Museum galleries, which is intended to support students' understanding of global cultural business environments around the world. *NU Course Equivalent: INTB 1203, International Business and Global Social Responsibility. NUpath: IC; ER*

International Business Law

This class aims to provide an overview of some of the most relevant areas of legal development, both classic and contemporary, that are among the most likely to affect you in some way during your career: whether as a business person, a researcher, or as a professional, this course aims to give you a grounding in how the legal regulation of business works. The course will be delivered by instructors experienced in both the theory and practice of international business law. Indeed, the task of a good business attorney is very similar to that of the good business law instructor: there is a need to present and distil sometimes complex information clearly and in an accessible fashion. It is hoped that this focus, and experience, will help address the fact that some of the topics involved are potentially relatively complex, and sometimes contain subtle and sophisticated points. The focus of the course, therefore, will be on understanding key points in the debate, and prior knowledge of legal studies is not expected. *NU Course Equivalent: LPSC 2990, Law and Public Policy Elective*

Principles of Microeconomics

This course is an introductory course that teaches the fundamentals of microeconomics, providing a solid foundation for economic analysis and thinking. This course begins with an introduction to supply and demand and the basic forces that determine an equilibrium in a market economy. It introduces a framework for learning about consumer behavior and analyzing consumer decisions. The course will explore consumers and their decision-making process as well as firms and their decisions about optimal production. In addition, the course covers the impact of different market structures on firms' behavior and further includes two guest lectures by economic scholars. By the end of the course, you will be able to understand introductory microeconomic theory, solve basic microeconomic problems, and use these techniques to think about a number of policy questions relevant to the operation of the real economy. *NU Course Equivalent: ECON 1116, Principles of Microeconomics. NUpath: SI; AD*

Twelve Great Moments in Philosophy

This course will provide you with an introduction to central issues in philosophy by way of study of a selection of classic texts from the history of the subject. The texts have been selected for their importance in philosophy's history and also for the power with which they can speak to us today. You will study works from different periods with lecturers who have specialist expertise in and enthusiasm for their chosen authors. Students will be able to develop a firm sense of what philosophy is and what it can be – of what goes to make a philosophical problem and what different kinds of way there have been of addressing philosophical problems. Among the issues we will examine together are: mind and body; the nature of inductive reasoning; the history of values; the critique of capitalist society; the reality or unreality of time; the notion of scientific progress; and the ways in which our 'selves' are socially constituted. We will be studying these through the works of philosophers in the western tradition, starting in classical antiquity with Plato, and moving on to Descartes and his successors in the last four hundred years. Each week students will be reading primary texts by the great philosophers themselves, often with the help of some secondary literature to guide our interpretation and evaluation of those texts. In reading such a text philosophically our aim is not only to analyse and clarify the author's position but also to consider how persuasive we find it, and whether and why we disagree with it at any point. The arguments of the great philosophers are typically deep and thought-provoking, but interpreting and assessing them requires various skills, which the course will help you develop. *NU Course Equivalent: PHIL 1101, Introduction to Philosophy. NUpath: SI; ER*

N.U.in Germany, Council on International Educational Exchange (CIEE)

Academic Writing: Cultural Participation

This course develops writing skills by teaching students the process and protocols associated with producing quality, college-level essays. The course also aims to foster a degree of literacy around an issue of significant public debate. Students work on four “projects” in response to texts on a theme. These projects are collated into a portfolio of work that includes drafts and finished essays, shorter assigned writing assignments, completed homework assignments, peer reviews and self-reflections. *NU Course Equivalent: ENGW 1111, First-Year Writing. NUpath: WF*

Berlin: The Capital of the 20th Century

Berlin was the stage upon which the drama of the turbulent 20th century played out. In the 1920s, Berlin defined what it meant to be modern: it was the intellectual fulcrum of a liberal republic and a glamorous café society. But that republic was unstable, and soon a fascist government destroyed this atmosphere of tolerance and many of the great works of art and literature created by its talented freethinkers. After 1945, the bombed-out city became a frontline of the Cold War, but with the fall of the Wall in 1989, Berlin began a new era as a center of creativity. Berlin’s fascinating and turbulent past makes it the perfect place to study what 20th century modernity means, and what the future of modernity might hold. This course combines contemporary works of fiction, non-fiction, films and excursions to study the cultural and historical meaning and legacy of the 20th century, using Berlin as a case study. *NU Course Equivalent: HIST 1990, History Elective. NUpath: IC; SI*

Calculus for Business

Calculus for Business is a calculus course intended for those studying business, economics, or other related business majors. The following topics are presented with applications in the business world: functions, graphs, limits, differentiation, integration, techniques and applications of integration, partial derivatives, optimization, and the calculus of several variables. Each textbook section has an accompanying homework set to help the student better understand the material. *NU Course Equivalent: MATH 1231, Calculus for Business and Economics. NUpath: FQ*

Gender, Race, Sexuality and Popular Culture

Through this course, students will apply a critical lens to representations of gender, race, and sexuality in contemporary popular culture in both Germany and the United States. The course combines key concepts and theoretical frameworks in cultural studies, anthropology, gender studies, and media studies with the analysis of mass media products, including magazine advertisements and television programs. We will apply both quantitative and qualitative methods and discuss media representations in terms of the ways in which they reproduce or challenge traditional concepts and stereotypes of gender, race, and sexuality. *NU Course Equivalent: WMNS 1101, Sex, Gender, and Popular Culture. NUpath: IC; DD*

German Language - German I

Designed for students with no or little previous knowledge of the German language, students will develop basic language comprehension and communication skills in the areas of listening, speaking, reading and writing German. By the end of the course, students will be able to employ simple sentences and expressions when dealing with various situations of daily life (at the supermarket, in a restaurant, at school, with friends & family, etc.). They will be able to talk about themselves and their area of studies and ask others about their personal information. *NU Course Equivalent: GRMN 1990, German Elective*

Holocaust Studies

This course is designed to introduce students to the history and study of the Holocaust. The first part of the course will focus on the historical context, planning, and execution of the Holocaust. The second part of the course will introduce students to the evolution of Holocaust studies beginning in the immediate postwar environment (Nuremberg Trials) and continuing through the latest trends in Holocaust scholarship. The third part of the course will focus on the writings of Holocaust survivors. The course will end with an analysis of film treatments of the Holocaust from the 1950s until the present day. Because this course takes place in Berlin, special attention will be given to Berlin and German-specific issues in Holocaust studies, namely questions of Holocaust memorialization, Holocaust and German national self-understanding, and more broadly the concept of “coming to terms with the past.” *NU Course Equivalent: HIST 1282, The Holocaust and Comparative Genocide*

N.U.in Germany, Council on International Educational Exchange (CIEE) – *continued*

Politics of the European Union

This course provides an overview of the process of European integration from the post-World War II era to the present. Students study the functions and power distributions of the EU legislative, executive, and judicial branches of government. Students also analyze the politics of policy making in different arenas such as the single market, the Euro, and external trade policy. Non-economic policy areas such as foreign and security policies are also addressed. Current dissensions and dysfunctions within the EU are examined and debated from the perspectives of democratic theory and collective action theory. Classroom content is supplemented and enhanced by debate meetings with EU representatives and other EU experts in Berlin, as well as a field trip to the European Parliament in Strasbourg and/or the European Commission in Brussels. *NU Course Equivalent: POLS 3435, Politics and Governance of Europe and the European Union. NUpath: SI*

Principles of Microeconomics

This is an introductory course that teaches the fundamentals of microeconomics, providing a solid foundation for economic analysis and thinking. This course begins with an introduction to supply and demand and the basic forces that determine an equilibrium in a market economy. It introduces a framework for learning about consumer behavior and analyzing consumer decisions. The course will explore firms and their decisions about optimal production, and the impact of different market structures on firms' behavior. The final section of the course provides an introduction to some of the more advanced topics that can be analyzed using microeconomic theory. These include international trade, the impact of uncertainty on consumer behavior, the operation of capital markets, equity vs. efficiency trade-offs in economic policy and social insurance. By the end of the course, you will be able to understand introductory microeconomic theory, solve basic microeconomic problems, and use these techniques to think about a number of policy questions relevant to the operation of the real economy. *NU Course Equivalent: ECON 1116, Principles of Microeconomics. NUpath: SI; AD*

N.U.in Greece, American College of Thessaloniki (ACT)**Advanced College English Skills**

This course offers students the opportunity to move across texts and genres, thus focusing on the basics of compositions and the use of metaphor, organization, selection, gaps and silences, tone, and point of view. Through a series of sequenced assignments, students read fiction and non-fiction texts of some complexity, make the critical interpretation of these texts the occasion for their own writing, write the expository prose that makes use of a variety of rhetorical strategies, conduct library research when appropriate, reflect on and assess their writing, and refine their documentation skills. Requires students to write multiple drafts and emphasizes the writing process as well as the quality of the finished product. Students keep a portfolio of their work. *NU Course Equivalent: ENGW 1111, First-Year Writing. NUpath: WF*

Business Calculus

This course covers: rate of change and introduction of the derivative for functions of one variable; applications of the derivative to graphing one-variable functions and to optimization problems; introduction of functions of several variables and partial derivatives; problems of unconstrained and constrained multivariable optimization; applications of differential equations; integration of functions of one variable and applications; and advanced methods of optimization. *NU Course Equivalent: MATH 1231, Calculus for Business and Economics. NUpath: FQ*

Calculus I for Science and Engineering

This course covers definition, calculation, and major uses of the derivative, as well as an introduction to integration. Topics include limits; the derivative as a limit; rules for differentiation; and formulas for the derivatives of algebraic, trigonometric, and exponential/logarithmic functions. This course also discusses applications of derivatives to motion, density, optimization, linear approximations, and related rates. Topics on integration include the definition of the integral as a limit of sums, anti-differentiation, the fundamental theorem of calculus, and integration by substitution. *NU Course Equivalent: MATH 1341, Calculus 1 for Science and Engineering. NUpath: FQ*

Calculus II for Science and Engineering

The purpose of this course is to give a solid foundation in Calculus concepts, tools and techniques for the student entering Science and Engineering fields. This course is a continuation to Calculus I for Science and Engineering where the student mastered: limits, differentiation, anti-differentiation and basic integration skills of 2D functions as well as basic introduction to parameterized curves and motion. This course will cover techniques and applications of integration, infinite series, and introduction to vectors, among other topics. *NU Course Equivalent: MATH 1342, Calculus 2 for Science and Engineering. NUpath: FQ*

Calculus III for Science and Engineering

Extends the techniques of calculus to functions of several variables; introduces vector fields and vector calculus in two and three dimensions. Topics include lines and planes, 3D graphing, partial derivatives, the gradient, tangent planes and local linearization, optimization, multiple integrals, line and surface integrals, the divergence theorem, and theorems of Green and Stokes with applications to science and engineering and several computer lab projects. ** NOTE: Requires prior completion of MATH 1342: Calculus II for Science and Engineering or course equivalent. *NU Course Equivalent: MATH 2321, Calculus 3 for Science and Engineering. NUpath: FQ*

Chemistry I for the Applied Sciences

This course offers development of the fundamental principles of chemistry and their applications. Topics include matter, stoichiometry, gas laws, thermochemistry, quantum theory, atomic structure, electronic configurations, bonding, and intermolecular forces. *NU Course Equivalent: CHEM 1211/1212, General Chemistry 1 with Lab. NUpath: ND*

Chemistry II for the Applied Sciences

Introduces the principles of chemical equilibrium, the rates and mechanisms of chemical reactions, and energy considerations in chemical transformations. Covers solutions, chemical kinetics, chemical equilibria, chemical thermodynamics, electrochemistry, and chemistry of the representative elements. Such contextual themes as energy resources, smog formation, and acid rain illustrate the principles discussed. *NU Course Equivalent: CHEM 1214/1215, General Chemistry 2 with Lab. NUpath: ND*

N.U.in Greece, American College of Thessaloniki (ACT) – continued

Contemporary Society

This course will explore the discipline of sociology, with a particular focus on the key concepts and issues relating to the study of contemporary society and culture. The course seeks to establish a methodological balance between theoretical grounding and an applied framework as it examines the following thematic issues: social and cultural theoretical perspectives, globalization, power, ethnicity, gender, the mass media, and the dynamics of culture in the contemporary world. In this context, the course introduces students to some key sociological perspectives, which allow them to understand how modern society functions. The sociological perspective will enable students to evaluate the effects of social influences on individual lives, understand fundamental social changes, and acquire a better understanding of social relations. *NU Course Equivalent: SOCL 1101, Introduction to Sociology. NUpath: SI*

Chemistry II for the Applied Sciences

Introduces the principles of chemical equilibrium, the rates and mechanisms of chemical reactions, and energy considerations in chemical transformations. Covers solutions, chemical kinetics, chemical equilibria, chemical thermodynamics, electrochemistry, and chemistry of the representative elements. Such contextual themes as energy resources, smog formation, and acid rain illustrate the principles discussed. *NU Course Equivalent: CHEM 1214/1215, General Chemistry 2 with Lab. NUpath: ND*

Contemporary Society

This course will explore the discipline of sociology, with a particular focus on the key concepts and issues relating to the study of contemporary society and culture. The course seeks to establish a methodological balance between theoretical grounding and an applied framework as it examines the following thematic issues: social and cultural theoretical perspectives, globalization, power, ethnicity, gender, the mass media, and the dynamics of culture in the contemporary world. In this context, the course introduces students to some key sociological perspectives, which allow them to understand how modern society functions. The sociological perspective will enable students to evaluate the effects of social influences on individual lives, understand fundamental social changes, and acquire a better understanding of social relations. *NU Course Equivalent: SOCL 1101, Introduction to Sociology. NUpath: SI*

Ecological Principles

The goal of the course is to introduce students to general ecology. It focuses on major ecological concepts in order to provide students with a robust framework of the discipline upon which they can build. *NU Course Equivalent: SOCL 1990, Sociology Elective*

General Biology 2 with Lab

Examines the evolution of structural and functional diversity of organisms; the integrative biology of multicellular organisms; and ecological relationships at the population, community, and ecosystem levels. *NU Course Equivalent: BIOL 1113/1114, General Biology 2 with Lab. NUpath: ND*

General Chemistry for the Biological Sciences

This course is designed to introduce biology students to the fundamental principles of chemistry. Topics to be covered include atomic structure, chemical equations, the periodic table, chemical bonding and intermolecular interactions, thermochemistry, reaction spontaneity, reaction rates, chemical equilibria, acid base chemistry and reactions in aqueous systems. Emphasis will be given to applications of chemical principles in biological systems. *NU Course Equivalent: CHEM 1161/2/3, General Chemistry for the Biological Sciences with Lab, and Recitation. NUpath: ND*

Greek Art Through the Ages

The course will be an introduction of a comprehensive and compact study of the arts of Greece from the Ancient to the Modern time. Through the examination and understanding of the arts, the complex political, social and religious life of the country through the years of its existence will be highlighted. The study will start chronologically from the ancient times, covering the basic and most essential examples of the most important period that set the base of the foundation of the Western civilization; continue with the Roman, Early Christian and Byzantine Eras; the arts during the period of the Ottoman Occupation; and finally end with the revival of Modern Greek art after the 1830's with the establishment of the Modern Greek State. *NU Course Equivalent: ARTE 2501, Art and Design Abroad: History. NUpath: EI; IC*

N.U.in Greece, American College of Thessaloniki (ACT) – continued

Integrated Human Anatomy and Physiology 1

This course will cover the anatomy and physiology of integumentary, muscular, skeletal, nervous and endocrine systems as well as learning the basic molecular and cellular biology necessary to understand the human body. Many key concepts will be carried over into the second part of this course, BIOL 1119 (A&P 2). This information will serve as the foundation for most of the courses in the health field. *NU Course Equivalent: BIOL 1117/1118, Integrated Anatomy and Physiology 1 with Lab. NUpath: ND*

Introduction to Psychology

This course provides an introduction to psychology for the non-specialist and assumes no prior knowledge of psychology. It provides students with an overview of the evolution of psychology as a discipline and a range of applications of psychology. The course will include such topics as the history of psychology, the scientific approach to behavior, biological basis of behavior, learning theories, intelligence, personality development and measurement, psychological disorders and treatment, and social influences on behavior. Throughout the course, there will be an emphasis on understanding how psychologists obtain their knowledge about human behavior and mental processes and on how this knowledge can be applied to everyday life. *NU Course Equivalent: PSYC 1101, Foundations of Psychology. NUpath: ND; SI*

Introductory Microeconomics

This course is a continuation of the introduction to modern economic analysis concentrating on the factors affecting behavior and decision-making by households, business firms, and institutions operating under a mixed socioeconomic system. It also considers the issues of market failures and introduces basic concepts of international economics. *NU Course Equivalent: ECON 1116, Principles of Microeconomics. NUpath: SI; AD*

Physics I for Science and Engineering with Lab

This course is designed to introduce students to the fundamental principles of mechanics. Topics to be covered include dynamics, work, kinetic and potential energy, systems of particles, momentum, collisions, rotation, torque and angular momentum, and statics. As far as specific systems and force laws, we will look at fluids, oscillations, and gravity. *NU Course Equivalent: PHYS 1151/1152/1153, Physics for Engineering 1 with Lab, and Interactive Learning Seminar. NUpath: ND; AD*

Principles of Biology with Lab

This course introduces the basic principles of modern biology, the framework within which new discoveries are interpreted, and the relations among various branches of biological research. The materials covered include the structural and functional aspects at the molecular and cellular level of the following: cell structure and function, cell organelles, cellular reproduction, cellular respiration, photosynthetic pathways, Mendelian inheritance, DNA structure, replication, gene structure, and gene function and expression/control. *NU Course Equivalent: BIOL 1111/BIOL 1112, General Biology 1 with Lab. NUpath: ND; AD*

Religions of the World

This course will expose students to a comparative study of five of the world's main religious traditions, exploring those traditions through their literatures, while focusing also on origins, cultural contexts, histories, beliefs, and practices. Through reading, discussion, and visual appreciation of artistic renditions of religious world-views, students will gain valuable understanding of traditions other than their own, contributing to their broadened and deepened awareness of the world. *NU Course Equivalent: PHIL 1111, Introduction to World Religions. NUpath: DD; ER*

Social Psychology

The aim of this course is to develop student's knowledge and understanding of key areas in Social Psychology such as: social thinking (which includes the topics of the self-concept; self-serving bias; stereotypes and prejudice), social influence (which includes the topics of persuasion; health and well-being in today's societies) and social relations (looking at the topics of aggression, discrimination, liking and helping). Biological, cognitive, emotional and socio-cultural aspects will be discussed while presenting the above key areas. The students will also learn about the related field of Community Psychology and how its main principles and research findings apply to contemporary communities. Finally, research related issues such as ethics and methodologies in Social Psychological research will be covered. By presenting the main concepts, theories, research methods and key studies in Social Psychology, the course aims to help students evaluate the usefulness of the above in today's societies as well as recognise the limits of generalising social psychological research to all gender/ethnic/cultural/age groups. *NU Course Equivalent: PSYC 3402, Social Psychology*

N.U.in Greece, American College of Thessaloniki (ACT) – continued

Statistics with Software

This module is an introduction to descriptive and inferential statistical methods. This introductory module covers the concepts and techniques concerning exploratory data analysis, frequency distributions, correlation, central tendency and variation, probability, and sampling distribution statistical inference. Students will be exposed to these topics and how each applies to and can be used in the business environment. Students will master problem solving using both manual computations and statistical software. *NU Course Equivalent: MATH 2280, Statistics and Software. NUpath: AD*

The Politics of the European Union

This module aims to introduce students to the major historical, political and legal developments leading to the creation of the European Union. The historical evolution of the European Union, the relevant treaties, EU institutions, aspects of EU law and some major EU policy-making processes will be examined. Finally, theories of European integration will be analyzed and the future of the EU will be discussed. *NU Course Equivalent: POLS 2990, Political Science Elective. NUpath: SI*

Thessaloniki: A City and Its Inhabitants

Throughout its long history, Thessaloniki has been home to many different peoples and cultures. The purpose of this course is to review the history of the city and to focus on the different ethnic communities which have inhabited it, including principally Greeks, Turks, Jews, and Armenians, among others. The course will consider the establishment of the city in Hellenistic times, its Roman and Byzantine periods, the impact of the Ottoman occupation, the coming of the Sephardic Jews, the effects of the Balkan and the two World Wars as well as those of the Holocaust on the city. It will include visits to such important cultural sites as the Archeological Museum, the Museum of Byzantine culture, the Jewish Museum of Thessaloniki, Roman antiquities, and Ottoman buildings. *NU Course Equivalent: HIST 1990, History Elective. NUpath: IC; SI*

Understanding Greek Life and Culture

The course provides an understanding of contemporary Greek life and what it means to be Greek. It does so by examining the practices and creations of Greek culture, as well as by identifying and understanding the main figures of Greek life and the political scene through time. In addition, it develops students' intercultural and communicative competency so that they can interact both locally in Greece and in the global community. *NU Course Equivalent: LITR 1990, Literature Elective. NUpath: IC*

University Physics II for Science and Engineering with Lab

Covers calculus-based physics. Offers the first semester of a two-semester integrated lecture and laboratory sequence intended primarily for engineering students. Covers Newtonian mechanics and fluids. Stresses the balance between understanding the basic concepts and solving specific problems. Includes topics such as one-dimensional and three-dimensional motion, Newton's laws, dynamics friction, drag, work, energy and power, momentum and collisions, rotational dynamics, forces, torque and static equilibrium, pressure, fluids, and gravity. *NU Course Equivalent: PHYS 1155/1156/1157, Physics for Engineering 2 with Lab, and Interactive Learning Seminar. NUpath: ND; AD*

N.U.in Ireland, University College Dublin (UCD)

Business Economics

The aim of this module is to introduce students to the core microeconomic principles and how this can be used in a business environment to help decision making and behaviour. The module explains how markets operate and focuses on both the customer and firm side of markets. Models of consumer demand are explained as well as how firms make price and output decisions under perfect and imperfect competition. The role and rationale of government intervention into markets is also explored. *NU Course Equivalent: ECON 1116, Principles of Microeconomics. NUpath: SI; AD*

Calculus for Several Variables

This course introduces the calculus of functions of two or more real variables. Beginning with partial derivatives, the topics of linear approximation and the differential are dealt with. The course then examines critical points, maxima and minima, and constrained optimisation. Line integrals, double integrals, vector fields and the relationships between these concepts are explored. Students will be able to: sketch a level set or multidimensional graph; compute limits of multivariable functions; calculate partial and directional derivative; find and use the linear approximation of a function; find and classify critical points; optimise a function over a region or over a curve or surface; evaluate line and double integrals, and exploit the relationship between them. *NU Course Equivalent: MATH 2321, Calculus 3 for Science and Engineering. NUpath: FQ*

Cell Biology and Genetics

This module will provide an introduction to the cell, its structure, and functioning. The basis of genetics and inheritance will also be explored. The following topics will be covered: (1) An overview of cell structure, content and the macromolecules within them; (2) An introduction into cell communication, signaling and messaging; (3) How cells work- cellular respiration, fermentation and photosynthesis; (4) The cell cycle and the key roles of cell division; (5) How meiosis and sexual life cycles provide biological variation; (6) Introduction into genes and inheritance from a Mendelian perspective; (6) The link between chromosomes, genes and inheritance; (7) DNA and the molecular basis of inheritance; (8) How proteins are made from genes; (9) How genomes can inform our understanding of life's diversity; (10) Brief introduction into basic genetic molecular techniques. *NU Course Equivalent: BIOL 1111/1112, General Biology 1 with Lab. NUpath: ND; AD*

College Writing

This course offers students the opportunity to move across texts and genres, thus focusing on the basics of compositions and the use of metaphor, organization, selection, gaps and silences, tone, and point of view. Through a series of sequenced assignments, students read fiction and non-fiction texts of some complexity, make the critical interpretation of these texts the occasion for their own writing, write the expository prose that makes use of a variety of rhetorical strategies, conduct library research when appropriate, reflect on and assess their writing, and refine their documentation skills. Requires students to write multiple drafts and emphasizes the writing process as well as the quality of the finished product. Students keep a portfolio of their work. *NU Course Equivalent: ENGW 1111, First-Year Writing. NUpath: FQ*

Exploring Ireland

This module will enable students to explore various aspects of Irish culture and identity in an interdisciplinary and interactive manner, focusing specifically on society, literature and language. Students will be introduced to key themes, debates, texts, influences and events that help to provide a greater understanding of how Ireland evolved into the country it is today. The course will examine how the language of place and space relates to society; the tradition of oral narrative; the evolution from manuscript to print culture; and literary representations of Ireland in both the English and Irish languages, from early modern sources through to twentieth and twenty-first century texts. *NU Course Equivalent: INSH 1990, Interdisciplinary Studies Elective in Social Sciences & Humanities*

Foundation of Physics

In this module, students learn to tackle problems of relevance for society with a high content of physics and engineering. Problems chosen by the students themselves are tackled in small working groups similar to the way in which industry handles research and development tasks. Examples that can be studied include energy supply and green energy, telescope building, optical communication networks, image processing, and many more. In the course of study, basic physical concepts are reviewed according to the needs. Group working skills in relation to problem solving will be essential for a successful realization of the module. *PHYS 1151/1152/1153, Physics for Engineering 1 with Lab, and Interactive Learning Seminar. NUpath: ND; AD*

N.U.in Ireland, University College Dublin (UCD) – continued**Introduction to Calculus for Engineers**

This is a mathematics module designed for engineering students. It provides an introduction to differential and integral calculus of functions of one variable, and to differential equations. The outline of this course is the following: (1) Review: Functions and graphs (equation of line and parabola), tangent line; (2) Limits: Notion of a limit, statements of basic limit theorems; (3) Differentiation: Notion of derivative, product and quotient rules, derivatives of polynomial functions, review of trigonometry, derivatives of trigonometric functions, chain rule, inverse functions, derivatives of inverse functions, implicit differentiation, higher derivatives; (4) Transcendental functions: Natural logarithm and its derivative, exponential function and its derivative; (5) Applications of differentiation: maxima and minima, second derivative test; (6) Indefinite and definite integrals, the fundamental theorem of calculus, substitution, integration by parts; (7) Applications of integration: area under the curve, moments; (8) Geometric series, MacLaurin and Taylor series of a function of a single variable, binomial series; (9) Differential equations: first order and second-order linear equations with constant coefficients (homogeneous and non-homogeneous). *NU Course Equivalent: MATH 1341, Calculus 1 for Science and Engineering. NUpath: FQ*

Introduction to Psychology

This module is designed to introduce students to the breadth of topics covered by the discipline of psychology. The module covers a range of theoretical approaches used in psychology to try to explain human thought and behavior. A variety of topics will be introduced drawn from the full breadth of the discipline of psychology and may include aspects of child development, human social interaction, thinking and reasoning, and biological psychology. The module will place the material in a real-world context highlighting its application and relevance to everyday life. Online support will be provided throughout the course via the Blackboard system. *NU Course Equivalent: PSYC 1101, Foundations of Psychology*

Introduction to Sociology

The task of sociology is to explain the social world in which we live. This involves asking and answering questions about the nature of the world around us, why things are the way they are, how they developed in that way rather than any other, and so on - in fact, everything from global patterns of social change to the nature of individual identity. Studying sociology requires us to explore taken-for-granted aspects of everyday life, and to be aware that things could be, and are, different. This involves learning to see things 'sociologically' by developing a 'sociological imagination'. The aim of this module is to cultivate such an imagination. In this module, we will consider the nature of sociology in terms of its historical origins, its key theoretical traditions, and the role of research in analysing social issues. Once we have laid this groundwork, we will consider some of the core dimensions of society - the nature of culture, the role of organisations, and so on. The module then examines some of the main social institutions and patterns of social relations around which our lives are structured, and through which resources - power, wealth, status - are distributed. Sociology helps us understand the role these institutions and structures play in our daily lives, and the ways in which society 'makes' us and how we in turn 'make' society. *NU Course Equivalent: SOCL 1101, Introduction to Sociology. NUpath: SI*

Introductory Chemistry

The module is intended for students without a strong background in chemistry. It will provide an overview of the subject, with an emphasis on fundamental principles. Topics will include: atomic structure and the periodic table; ionic and covalent bonding; shapes of covalent compounds; Lewis structures; chemical reactions, including balancing chemical equations; calculating chemical amounts as moles; oxidation and reduction reactions and the acid base reaction; and the properties and structures of carbon compounds. The principles will be illustrated by examples of the chemistry of different elements including nitrogen, carbon, hydrogen, the alkali metals and alkaline earth metals and the halogens. *NU Course Equivalent: CHEM 1211/1212, General Chemistry 1 with Lab. NUpath: ND*

Ireland Undercover

What made Ireland the country that it is today? This module will address that question by examining Irish history, culture and society in an interdisciplinary and interactive manner. Students are introduced to key themes, debates, personalities, influences and events that help to provide a greater understanding of how Ireland evolved into the country it is today. Commencing with the arrival of Christianity in Ireland and concluding with post-Celtic Tiger Ireland, attention is focused throughout on fundamental issues related to religion, gender, sexuality, language, literature, politics, society, music, sport, film and material culture. *NU Course Equivalent: INSH 1990, Interdisciplinary Studies Elective in Social Sciences & Humanities*

N.U.in Ireland, University College Dublin (UCD) – continued

Irish Folklore

This module is designed to give students a comprehensive overview of what is meant by the term 'folklore', and to introduce them to the academic study of the subject. In the course of the module, folklore is defined and described in its many manifestations, and students learn about some of the more important sources for the study of folklore and popular tradition in Ireland and abroad. Examples of both oral tradition and material culture are examined, including narrative and storytelling, vernacular architecture and other aspects of ethnology, traditional belief systems and views of the otherworld, as well as popular custom and practice. A basic introduction is given to a number of international systems of classification used in the study of folklore, and to some of the theoretical approaches to the subject. Contemporary forms of folklore, and the persistence of certain themes in popular culture, are also discussed. *NU Course Equivalent: LITR 1990, Culture - Literature Elective. NUpath: IC*

Making of Modern Europe

This module offers a sweeping introduction to some of the momentous changes which have taken place in Europe over the past five hundred years. It explores some of the major landmarks in Europe's social, political, and economic development: the development of European Empires, religious change, witchcraft, the industrial revolution, the birth of democracy, war in the modern world, the Cold War and socio-cultural change since 1945. There will be one lecture every week which will introduce students to these themes, but the heart of the course lies in the seminars. Here, students will be encouraged to challenge interpretations of the past, to debate ideas, and to draw on primary evidence. *NU Course Equivalent: HIST 1170, Europe: Empires, Revolutions, Wars, and Their Aftermath*

Structure and Function of the Human Body (Part A)

This module introduces students to the discipline of anatomy and physiology and its related concepts and terminology. While the content within the module focuses on the cardiovascular, respiratory and nervous system, the module aims to give students a broader understanding of the normal human body and how its structure and intricate processes work to maintain human life and physical and mental wellbeing. The module also focuses on the human body over the course of the lifespan paying particular attention to the neonate, child, adult and in pregnancy, and normal ageing. The overarching aim of the module is to provide students with grounding in understanding the normal body which provides the basis to later understand the changes that occur in states of altered health. *NU Course Equivalent: BIOL 1119/1120, Integrated Anatomy and Physiology 2 with Lab. NUpath: ND; AD*

NOTE: Students will take Integrated Human Anatomy and Physiology 1 in Spring 2020. This course sequencing has been approved by Northeastern University advisers, and no previous knowledge of Anatomy and Physiology is required to enroll in Structure and Function of the Human Body (Part A).

The Irish Presence in America

This module will address the influence and effect of the Irish diaspora in America and explore the input, contribution and impact of the enormous Irish community there. Some 35.5 million people in America claim Irish descent. The time period under review begins with the mass emigration caused by the Great Famine in Ireland in 1845 and the assimilation and influence of this diaspora on American culture. It will analyse the reaction of the Irish-Americans to the rising nationalist movement in Ireland from 1890 to 1922. Moving to 'second wave' emigration in the 1950's, it will research how the strength of the Irish community grew in Post-war America to become a recognisable force politically, socially and culturally. *NU Course Equivalent: INSH 1990, Interdisciplinary Studies Elective in Social Sciences & Humanities. NUpath: IC; SI*

N.U. in Italy, John Cabot University (JCU)

Ancient Greek and Roman Philosophy

The philosophers of ancient Greece and Rome debated fundamental questions with an imagination, subtlety, and daring that have captured the attention of thoughtful people in every epoch. For example, they considered the nature and origin of the universe, what changes and does not change, as well as what causes change, how perception and reasoning produce knowledge, the relation between the soul and the body, the meaning of justice and beauty, and the nature of the good life. Through a careful reading of selected texts – in the form of dialogues, poems, aphorisms, or treatises – the course will introduce you to the great questions and controversies of ancient philosophy. *NU Course Equivalent: PHIL 2325, Ancient Philosophy and Political Thought. NUpath: IC; ER; WI*

Ancient Rome and Its Monuments

This on-site course considers the art and architecture of ancient Rome through visits to museums and archaeological sites. The course covers the visual culture and architecture of Rome beginning with the Iron Age and ending with the time of Constantine. A broad variety of issues are raised, including patronage, style and iconography, artistic and architectural techniques, Roman religion, business and entertainment. *NU Course Equivalent: ARCH 1320, Architecture and Global Cultures, 1400 to Present. NUpath: IC; DD*

Basic Photography (Traditional Film Photography)

This course is designed to give students an overview of the photographic medium as a means of communication and personal expression with the city of Rome as a vehicle. The major components of the class are use of the 35mm camera, introduction to darkroom technique, and an overview of the history of photography and its specific aesthetics. Class will consist of technical, theoretical, and visual elements to take place in class, on site in Rome, and in museums and galleries. *NU Course Equivalent: ARTS 1990, Arts Elective. NUpath: EI*

NOTE: The university provides a large format camera for use in class. Students will develop and print their work in JCU's Dark Room.

Beginning Painting

This course introduces the basic issues of oil painting through a series of classic problems: the still life, figure study, portrait and others. Emphasis is on control of color and light and dark value, while building form in a coherent pictorial space. Oil is the preferred medium, and students buy their own materials. The course introduces connections between studio work and the history of painting. *NU Course Equivalent: ARTS 2340, Painting Basics. NUpath: EI*

Calculus for Business

This course introduces students to the use of derivatives and integrals in solving problems in business and economics, e.g., maximizing profit, calculating average investment income, future value of an income stream, and consumers' surplus. The course includes using technology as a tool to make graphical representations and computations as part of the applying the mathematical theory to working with data, modeling, problem-solving and interpretation of results. A project involving optimization is also required. The course provides students with a study of calculus and its application to solving business and economic problems using technological tools such as Microsoft Excel to explore and graph data, model basic economic and business situations, problem-solve, and interpret and communicate the results. *NU Course Equivalent: MATH 1231, Calculus for Business and Economics. NUpath: FQ*

Cities, Towns & Villas: Rome, Ostia, Pompeii

Rome, Ostia and Pompeii are three of the best- preserved archaeological sites in the world. Through their study, students are able to comprehend the physical and social nature of Roman cities and how they transformed over the course of centuries. Students explore the subjects of urban development, public and private buildings, economic and social history, and art incorporated into urban features (houses, triumphal monuments, etc.). In Rome, students focus primarily upon public buildings commissioned by Senators and Emperors: temples, law courts, theaters, triumphal monuments, baths. In Ostia, the port-city of Rome, students are able to experience many aspects of daily life: commerce, housing, religion, entertainment. Pompeii represents a well-to-do Republican and early Imperial period city that was influenced by the Greeks and Romans and preserves some of the most magnificent frescoes in the world. *NU Course Equivalent: ARCH 1990, Architecture Elective*

N.U. in Italy, John Cabot University (JCU) – continued

Contemporary Italian Society

This course introduces students to the complexities of contemporary Italian society, taking a primarily 'bottom-up' social science approach by examining a wide variety of contexts and exploring the ways in which Italians express, negotiate and transform their cultural and social identities. By drawing on a growing body of anthropological and sociological research, it provides students with the tools to question rigid and dated assumptions about Italian social life and enables them to analyze its multifaceted, dynamic and often contradictory forms and practices, focusing primarily on the last two decades. Students are introduced to key theoretical and methodological approaches in the sociological and anthropological study of contemporary Italy. We analyze the rising appeal of populist and 'anti-political' discourses and figures and then focus on how Italy's strong civic movements are struggling to improve social life 'from below'. Lastly, we examine how migration is changing social and cultural life as the country becomes increasingly multiethnic, how religious (and secular) identities are expressed, and the effects that Italy's dramatic brain-drain is having within the country. *NU Course Equivalent: CLTR 1503, Introduction to Italian Culture. NUpath: SI*

Digital Photography

This is a course in basic digital photography. The theoretical component includes the basic functions of the camera, the use of lighting, principles of composition, interaction between colors, a discussion of architecture and interiors, and basic principles of the elaboration of photos on the computer. The practical component involves picture taking and the preparation of a photo exhibition. Each student must be equipped with a digital camera with a wide lens or a 3x or greater optical zoom, and camera functions selector which includes M, A, S, P. *NU Course Equivalent: ARTD 2360, Photo Basics*

NOTE: A tripod is strongly recommended. Modern single-lens reflex (SLR) digital cameras with interchangeable lenses are highly recommended.

English Composition

This specific first-year writing course is developed with the goal that it will not only prepare the student to write at a college level, but will get her to question more deeply the reasons we write, the many ways in which that writing can be accomplished, and how these activities are not simply the solitary tasks of an individual, but are always mediations with the world at large. In working with these facts, the course will prepare students to think of themselves not as passive students and writers, but as active scholars and authors. In this class, students will have the opportunity to: write both to learn and to communicate what they learn; negotiate their own writing goals and audience expectations regarding conventions of genre, medium, and situation; formulate and articulate a stance through and in their writing; revise their writing using responses from others, including peers, consultants, and teachers; generate and pursue lines of inquiry and search, collect, and select sources appropriate to their writing projects; effectively use and appropriately cite sources in their writing; explore and represent their experiences, perspectives, and ideas in conversation with others; use multiple forms of evidence to support their claims, ideas, and arguments; practice critical reading strategies; provide revision-based response to their peers; and, reflect on their writing processes and self-assess as writers. *NU Course Equivalent: ENGW 1111, First-Year Writing. NUpath: WF*

Intercultural Communications

An exploration of some of the historical and political conditions that make intercultural communication possible, the barriers that exist to effective intercultural communication, and possible solutions to the problem of intercultural misunderstanding. The course examines examples of differences in communication styles not only between cultures but also within. As a result, issues of race, nation, class, gender, religion, immigration, and sexual orientation will be of significant concern. The course stresses the notion that knowledge of human beings is always knowledge produced from a particular location and for a particular purpose. As a result, it encourages students to think carefully about the discipline of Intercultural Communication—its conditions of possibility, its assumptions, and its blind spots—as well the need to be mindful of the limitations and interests of our positioning as investigating subjects. *NU Course Equivalent: COMM 2303, Global and Intercultural Communication. NUpath: SI; DD*

N.U. in Italy, John Cabot University (JCU) – continued

Introduction to Cinema

This course is designed as an introduction to the art, history, and business of film. It presents an introduction to film aesthetics and the formal properties of film, locating specific styles and narrative forms within specific classical and alternative film movements. Film theories and critical strategies for the analysis of film will be investigated. The course will be divided into weekly screenings and lectures where students will learn how to discuss the principal formal and technical properties of film. They will develop an ability to discuss and analyse film as an artistic, industrial, and socio-cultural phenomenon. They will gain an awareness of the different contexts surrounding film production and exhibition, and the relationship between popular, documentary, and avant-garde production. They will be able to trace a history of film narrative and participate in debates including the race, gender, and the ideology and ethics of cinema. *NU Course Equivalent: MSCR 1990, Media and Screen Studies Elective*

Introduction to Italian Renaissance Art (Mandatory Trip to Florence)

A survey of art and architecture in Italy from the 14th to the early 16th century, this course gives primary emphasis to Florence as an artistic center while including exploration of the contributions of Siena, Rome, and Venice. The course is intended for students with little or no background in art history and will cover the principal artists and trends of the Italian Renaissance, from Giotto to Michelangelo. Lectures and on-site visits will help build a visual vocabulary of monuments in a general historical overview. *NU Course Equivalent: ARTH 1990, Art History Elective. NUpath: IC*

NOTE: Mandatory field trip will require an additional fee. Students who cannot do the trip, should not enroll in the class and should select something else.

Introduction to News Reporting and Writing (Prerequisite: EN 110)

This course introduces writing and reporting techniques for the mass media. It focuses on the essential elements of writing for the print, online and broadcast media. The course also covers media criticism, ethics in media, and the formats and styles of public relations. This course will require that you write some stories from provided facts, but it will emphasize “real world” reporting and writing. You will be assigned a reaction story, which will require you to interview a number of people about a current news issue. Later, you will write a profile, which will require you to conduct an in depth interview of a person, department or club. This course will give you the basic skills needed to report and write news and feature stories in a clear and effective way that takes into account your responsibility as a reporter. *NU Course Equivalent: JRNL 1101, Journalism 1: Fundamentals of Reporting. NUpath: EI; SI; WI*

Introduction to Photography

This course creates a foundation of knowledge of photographic history, theory, and practice, and is recommended as preparation for further study in photography. Students will encounter technical issues concerning both film and digital photography, including basic issues of camera functions and controls, darkroom procedures, and digital techniques and software. The course examines a broad range of subjects such as: the early history of photography, photographic genres, use of artificial and of natural light, and various modes of presentation and archival management. Shooting pictures is balanced with classroom work. The course will help students develop a formal and critical vocabulary, an understanding of the uses of photography, and inspiration for more advanced photo courses. Subjects covered include: the invention of photography, the many uses of photography, photographic genres (such as landscape, portraiture, street photography, studio photography, etc.), works of master photographers in both commercial, journalistic, and fine arts traditions, picture making with the pinhole apparatus, pictorial dynamics, the photo essay and various modes of presentation, basics of color and archival management, and so on. *NU Course Equivalent: ARTD 2360, Photo Basics*

Introduction to Theatrical Performance

During this course students will learn to: collaborate creatively; employ basic acting techniques such as sensory work, the principles of action, objectives, status, etc.; develop an expressive speaking voice; engage with a variety of stage props; analyze the process of placing a dramatic text on stage; critique and enact a variety of theatrical techniques; define specific terms relating to the study of drama and theater; develop an appreciation for theater as an art form and a reflection of society; understand the responsibility of an actor's work ethic, especially to one's fellow actors; initiate and upkeep a gradable class-by-class journal (either blog or v-log) of their personal growth throughout the course. *NU Course Equivalent: THTR 1101, Introduction to Theatre. NUpath: EI; IC*

N.U. in Italy, John Cabot University (JCU) – continued

Introduction to Visual Communication

From photojournalism to Instagram, 21st century communication is primarily image-based. Whether its mass media, individual expression, social media or alternative media, images are used for promoting ideas, products, information and political discourses. In this course students investigate the role of visual culture in daily life, exploring fine art, popular culture, film, television, advertising, business communications, propaganda, viral social media and information graphics. As a critical introduction to visual communication, this course mixes theory, analysis and practical activities for an applied understanding of key issues, including the relationship between images, power and politics; the historical practice of looking; visual media analysis; spectatorship; historic evolution of visual codes; impact of visual technologies; media literacy; information graphics literacy; and global visual culture. *NU Course Equivalent: COMM 1990, Communications Elective*

Introductory Italian I

This course is designed to give students basic communicative ability in Italian. By presenting the language in a variety of authentic contexts, the course also seeks to provide an introduction to Italian culture and society. Students work on all four language skills: speaking, listening comprehension, reading, and writing. *NU Course Equivalent: ITLN 1990, Italian Elective*

Media, Culture, and Society

This course explores the impact of mass communications on society and culture. Doing so means examining the relationship between media and democracy, and probing deeply how we as audiences and participants negotiate media in our lives. We examine how symbols and communication strategies vary in the context of different media forms, from books to television, and from the Internet to cell phones. We examine institutional pressures and filters that impact and frame media flows, including the influence of governments, corporations and citizen activists. Some important themes include the difference between information and entertainment (and when they converge as infotainment); the impact of convergence media; the coding of race, gender and others social and cultural groups; the impact (“effects”) of media on audiences; and the relationship between media and globalization. Ultimately, we’ll seek to understand what constitutes authentic and inauthentic communications and how that impacts our lives directly. *NU Course Equivalent: MSCR 1220, Media, Culture, and Society. NUpath: IC; SI*

Politics and Power in Roman Architecture - Augustus to Mussolini

This on-site survey investigates the history of Rome primarily through its monuments—its architecture and urban form. This course will provide the student with a clear grasp of how the city of Rome has changed over the course of two thousand years from a modest Iron Age settlement on the Palatine Hill to a thriving modern metropolis of the twentieth century. The student will become intimately acquainted with the topography, urban makeup and history of the city and its monuments and will acquire the theoretical tools needed to examine, evaluate and critically assess city form, design and architecture. *NU Course Equivalent: ARCH 1990, Architecture Elective*

Principles of Microeconomics

The purpose of this course is to provide a basic understanding of Microeconomics the entire Economics discipline is based upon. This course will equip students with a basic economic knowledge valuable for any career students may elect to pursue. In addition, the goal of this course is that students develop basic knowledge and, above all, analytical skills. Students will be able to: Use basic economic tools when making decisions and interpreting facts and events; critically assess the economic consequences of economic policy and business strategies. Students will learn how to use and apply economic tools analytically. In particular, the fundamental tools of demand and supply. They will be employed not only to understand current economic outcomes, but also to predict future economic effects of current shocks to the economy. *NU Course Equivalent: ECON 1116, Principles of Microeconomics. NUpath: SI; AD*

Public Speaking and Presentation

This course provides an introduction to the fundamentals of rhetoric and how they are applied in oral communication, and how these principles and concepts lead to effective public speaking. Students will learn how to prepare and organize persuasive speeches by learning the fundamental structures of the persuasive speech. In addition, students will begin to acquire basic skills in critical reasoning, including how to structure a thesis statement and support through a specific line of reasoning using idea subordination, coordination, and parallel structure. *NU Course Equivalent: COMM 1112, Public Speaking. NUpath: EI*

N.U. in Italy, John Cabot University (JCU) – continued

World Art I: Visual Culture from the Stone Age to Late Antiquity

This survey course focuses on the art, archaeology and architecture of the Mediterranean world, roughly between 2500 BC – AD 300. The course investigates the material culture of the diverse cultural groups that shaped this cosmopolitan world: Sumerians, Assyrians, Minoans/Mycenaeans, Egyptians, Greeks, Etruscans, Persians, Italics and Romans. Special attention will be given to the interconnectivity and dynamic relationship of inspiration between these cultures. The aim is for a firm contextual understanding of the works examined, and of the cultural, political and historical aspects that shaped these. The course will also assist students in cultivating basic art-historical skills, in particular description, stylistic analysis, and iconographic and iconological analysis. *NU Course Equivalent: ARTH 1110, Global Art and Design History: Ancient to Medieval. NUpath: IC; SI*

World Art III: Visual Culture of the Early Modern World

This survey course focuses on the art and architecture of Europe, South and Southeast Asia, China, Japan, and the Americas from the late 1200s to c. AD 1750. The course investigates a range of media including painting, woodcuts, sculpture, and architecture, while considering materials and methods of production. Special attention will be given to the socio-economic and political contexts in which these artifacts were commissioned and produced. The course will also assist students in cultivating basic art-historical skills, in particular description, stylistic analysis, and iconographic and iconological analysis. *NU Course Equivalent: ARTH 1111, Global Art and Design History: Renaissance to Modern. NUpath: IC; SI*

World Art IV: Visual Culture of the Modern and Contemporary World

This survey course focuses on the art of Europe, Africa, the Americas, and Oceania from the 1700s to the present. The course investigates all media, including photography, and considers the impact of globalization and new technologies on contemporary art and evidence of cross-cultural influences. Special attention will be given to the new aesthetic languages, traditional cultural sources, and philosophical background of contemporary art, as well as to the broader cultural-historical contexts of their creation. It will also assist students in cultivating basic art-historical skills, in particular description, stylistic analysis, and iconographic and iconological analysis. *NU Course Equivalent: ARTH 2210, Modern Art & Design History. NUpath: IC; SI; WI*