

UNIVERSITY COURSES (UNIV)

Faculty

Coordinator: M. Lynn Breyfogle

These courses are intended to provide an opportunity to examine problems, programs of research, plans of study, and methods of learning that may not be wholly appropriate in existing departmental curricula. Thus, University Courses are interdisciplinary and cross-departmental in character. Normally, University Courses are open as to size, as well as method of instruction and meeting times.

University Courses may be limited to first-year or upperclass students. Prerequisites for admission may or may not be designated depending upon the objectives of the particular course. The courses may be taught by one or more instructors.

Courses

UNIV 100. Psychology of Success. .5 Credits.

Offered Either Fall or Spring; Lecture hours:Varies,Other:1.5

This course explores the psychology of success and psychological well-being. Through reading, self-reflection, discussion, and independent practice, students will explore a variety of topics including goal setting, habit formation, resilience, growth mindset, self-care, and meaning.

UNIV 140. Introduction to Social Science Research Methods. .5 Credits.

Offered Spring Semester Only; Lecture hours:2

This team-taught course introduces multiple methodologies employed in social science disciplines for students considering independent research or deciding between social science majors. Students will gain broad comparative knowledge about the strengths, applicability, types of data produced by various methodological approaches, and how to pursue more advanced methodological training.

UNIV 150. London Internship. 1 Credit.

Offered Summer Session Only; Lecture hours:Varies,Other:3

Internship required as part of the Bucknell In London Internship Program.

UNIV 199. Arts Leadership. 1 Credit.

Offered Both Fall and Spring; Lecture hours:3

This course introduces students to the professional practices and functional areas in the field of arts management/administration and leadership. We will explore artistic programming, institutional identity, organizational development, artist-manager relations, marketing/ development and audience engagement for non-profit arts organizations and ensembles.

UNIV 1NT. Internship Credit. .25 Credits.

Offered Fall, Spring, Summer; Lecture hours:Varies

Partial credit for nonpaid internship experiences. Requires submission of proposal to the UNIV 1NT coordinator and approval of proposal prior to enrollment. May repeat only once for a total of .5 credit. Prerequisites: permission of the coordinator and permission of the instructor.

UNIV 200. Integrated Perspectives Course. 1 Credit.

Offered Either Fall or Spring; Lecture hours:3

Team-taught interdisciplinary course. Topics vary.

UNIV 202. Music and Mathematics: Exploring Balinese Culture. 1 Credit.

Offered Alternating Summers; Lecture hours:30,Other:30

This course explores Balinese culture through two disciplinary lenses: mathematics-music. An immersive experience, this course is offered as a "Bucknell-in" program on the Indonesian island of Bali. Students will explore theoretical perspectives and hands-on activities related to the mathematical underpinnings/musical aspects of Balinese culture. Prerequisite: permission of the instructor.

UNIV 203. London City of Transformation. 1 Credit.

Offered Either Fall or Spring; Lecture hours:3

London: City of Transformation is a survey course that explores several transformative ideas that emerged out of the Global City. As an IP course, students will gain a better understanding of the resulting scientific and social understandings coming out of London. Prerequisite: permission of the instructor.

UNIV 204. Naming violence: Language, space and power in the Israeli Palestinian conflict. 1 Credit.

Offered Spring or Summer; Lecture hours:3

This IP course adopts an integrative approach of two fields of knowledge: sociolinguistics and political geography. The course aims to explore the Palestinian-Israeli struggle and how this struggle is constructed and reproduced in various spaces that are directly related and those that are assumed to be related to the struggle. Crosslisted as ARBC 204 and IREL 204.

UNIV 205. Confounding Problems. .25-.5 Credits.

Offered Occasionally; Lecture hours:Varies; Repeatable

Confounding problems are large-scale problems that have multiple causes and forms of expression, and no single answers. This course (a "teach-in") will respond to such a problem and how the arts and humanities can consider its complexity and context. Issues and approaches will vary.

UNIV 207. Sexing the Western Film. 1 Credit.

Offered Summer Session Only; Lecture hours:3

An examination of the Hollywood Western film, with attention to the ways in which narratives of the West and their characters connect with societal power hierarchies in the U.S. Crosslisted as WMST 207.

UNIV 208. Cosmopolitan London: Interrogating Place, Examination of the Body in Exile. 1 Credit.

Offered Fall Semester Only; Lecture hours:3,Other:2

The course will provide a platform for students to develop knowledge and deeper understanding as well as the skills to interpret the commonalities and differences among diverse cultural groups within London. Students will apply this knowledge in the effort of creating a collaborative non-linear documentary.

UNIV 209. Tasting France: The Science and Culture of Terroir. 1 Credit.

Offered Summer Session Only; Lecture hours:5,Other:10

We will explore the relationship between food and identity. Specifically, we will study the importance in France of "terroir" product—local agricultural products that conform to a particular set of geographical, geological, biological, historical, and cultural norms and traditions—from a cultural and scientific perspective. Prerequisite: permission of the instructor.

UNIV 213. Science & Engineering of Music & Sound. 1 Credit.

Offered Spring Semester Only; Lecture hours:3

Exploration of how musical instruments work, including timbre and pitch control and related concepts such as scales and temperament. Fundamental concepts of acoustics, such as frequency, wavelength, resonance, sound pressure level, the decibel unit, and human perception of sound. Fundamentals of sound recording and reproduction systems.

UNIV 214. Fresh Water. 1 Credit.

Offered Either Fall or Spring; Lecture hours:3,Other:1

The availability of fresh water will be a major issue in many regions around the world during the 21st century (the "global water crisis"). This course examines the problem from a variety of perspectives including religion, aesthetics, ethics, chemistry, biology, geology, engineering, economics, law, and sustainability.

UNIV 215. Stream Ecology and Restoration: The Science Behind Fly Fishing. 1 Credit.

Lecture hours:3,Lab:3

Introduction to the interactions between water quality, hydrology, and aquatic ecosystems and their impact on stream ecosystem health. Stream restoration concepts will be studied including impacts of climate change, invasive species and land use. Fly fishing will be used as the common thread that ties these topics together. Crosslisted as ENST 212.

UNIV 217. Anxiety: Clinical and Cultural Frameworks. 1 Credit.

Offered Either Fall or Spring; Lecture hours:3

This course examines anxiety and anxiety disorders. Students will learn about the symptoms and treatments for anxiety and how anxiety varies over time and across cultures. The focus will be on psychological and anthropological approaches to mental health issues.

UNIV 218. Health and Community. 1 Credit.

Offered Either Fall or Spring; Lecture hours:3

Explores how community, family, and experiences with health institutions shape and affect well being, physical problems, and health. Crosslisted as SOCI 218.

UNIV 224. Cultivating Change. 1 Credit.

Offered Summer Session Only; Lecture hours:15,Other:15

Explores limits to growth and sustainable alternatives. Includes work on an organic farm, and discussions of rhetoric and debates regarding sustainability. Crosslisted as ECON 225.

UNIV 225. Introduction to Public Policy. 1 Credit.

Offered Either Fall or Spring; Lecture hours:3

Introduction to the study of public policy, including methods to identify social problems, analysis of the political process, policy analysis, and how individuals and institutions respond to policy using a variety of social science disciplines.

UNIV 226. New Orleans in 12 Movements. 1 Credit.

Offered Summer Session Only; Lecture hours:24,Other:33

Compares 12 movements in the history of N.O.L.A. (Civil War, Louisiana Purchase, birth of Jazz) and its relationship to the Mississippi. Prerequisite: permission of the instructor. Crosslisted with MUSC 317.

UNIV 227. Representing Human Rights and Development. 1 Credit.

Offered Spring Semester Only; Lecture hours:3

This new, team-taught course will bring economics, film, and literary studies to bear on the issue of human rights. We will read basic documents related to human rights, along with philosophical, literary, and scholarly investigations into the subject.

UNIV 231. Communicating Across Cultures. 1 Credit.

Offered Either Fall or Spring; Lecture hours:3

This course will introduce students to an interdisciplinary perspective on understanding the challenges and opportunities posed by cross-cultural interactions. Crosslisted as ANTH 231.

UNIV 233. The Philosophy of Peace and Nonviolence. 1 Credit.**Offered Occasionally; Lecture hours:3**

A course in Peace Studies that will investigate the arguments and spirit of Pacifism and nonviolent philosophies. Crosslisted as PHIL 233.

UNIV 234. Transformative Dialogue and Social Justice. 1 Credit.**Offered Either Fall or Spring; Lecture hours:3**

Students will explore the impact of systems of power at interpersonal, community, cultural, institutional and societal levels. Employing forms of dialogic communication designed for people to communicate across social, cultural and power differences, students will explore their own and other groups' experiences, also identifying actions to address social justice issues. Crosslisted as WMST 234.

UNIV 236. Israel: Literature, Film, Culture. 1 Credit.**Offered Alternating Spring Semester; Lecture hours:3**

Course explores Israeli culture in its historical, ethnic, religious, linguistic, and geographical context through literature, film, political discourse, photography, and other texts. Crosslisted as HEBR 236.

UNIV 239. Working with Writers: Theory and Practice. 1 Credit.**Offered Either Fall or Spring; Lecture hours:3**

Theory and Practice. An exploration of the social and intellectual dynamics of the writing and tutoring process. Prerequisite: permission of the instructor.

UNIV 247. Vintage Futures: A Brief Survey of 20th Century Science Fiction Cinema. 1 Credit.**Offered Summer Session Only; Lecture hours:3**

This course will take a primarily historical look at the evolution of science fiction films in order to examine genre tropes and conventions, analyze specific films within their cultural context, and to begin to apply those conventions and contexts to an understanding of science fiction's contemporary form.

UNIV 248. Intermediality: Italy, Film, and the Arts. 1 Credit.**Offered Either Fall or Spring; Lecture hours:3,Other:3**

This IP course will focus on intermediality, film, and Italy. It seeks to examine the relationships of cinema with the other arts, in particular the arts of Italy. Crosslisted as ENFS 248 and ITAL 248.

UNIV 249. Women in Horror. 1 Credit.**Offered Summer Session Only; Lecture hours:3**

This course aims to give students a specialized experience examining films of a particular type, from a particular genre. Students will explore questions surrounding the definition and development of horror cinema and its unique generic conventions, the role(s) of women within that genre. Crosslisted as WMST 249.

UNIV 251. Weird Art, Weird Poetry: Criticism, Creativity, and Social Life. 1 Credit.**Offered Fall Semester Only; Lecture hours:3**

IP Course: Team-taught exploration of art, language, and society in the twentieth century and today. Following the study of art and writing in Dada, Surrealism, and Fluxus, students will construct their own works of art and poetry as well as write collective manifestos and works of critical analysis.

UNIV 260. Exploring Sustainable Communities. 1 Credit.**Offered Summer Session Only; Lecture hours:6,Other:9**

Course explores models for sustainable change used at multiple scales in the pursuit of creating thriving communities. Focus is on challenges and benefits resulting from local and regional initiatives to implement such changes. Through experiential learning and site visits, students explore relevant topics including food, energy, waste, place-making, and design. Crosslisted as GEOG 260.

UNIV 262. The Modern Jewish Experience in Lit&Film. 1 Credit.**Offered Either Fall or Spring; Lecture hours:3**

The course explores modern Jewish life around the world through a variety of perspectives, including literature, film, history, and memoir. Emphasis is placed on Jews in Israel and the U.S., as well as on immigration and the Holocaust. Crosslisted as HEBR 252.

UNIV 263. The Jewish Uprooted. 1 Credit.**Offered Alternate Fall or Spring; Lecture hours:3**

The course explores the figure of the uprooted in modern Jewish literature and culture, focusing on early 20th-century Hebrew, Yiddish, and Jewish-American writing (readings are in English). Crosslisted as HEBR 251.

UNIV 264. Materials Science. 1 Credit.**Offered Either Fall or Spring; Lecture hours:3,Lab:2**

Study of the behavior of materials and the relationships between structure and properties of materials including metals, ceramics, and polymers. With experimental laboratory including measurements, modifications, and fracture of materials. Discussions of how materials are selected for different applications based on properties, processing, and societal considerations.

UNIV 266. Sustainable Building Design. 1 Credit.**Offered Spring Semester Only; Lecture hours:3**

Environmental, social and economic perspectives on the impacts of buildings throughout their life-cycle. Introduces fundamental concepts related to materials, energy, water, indoor environmental quality, siting.

UNIV 267. Re-envisioning Waste: Considerations in Sustainability. 1 Credit.**Offered Occasionally; Lecture hours:Varies,Other:56**

In a consumer society, trash is one of the largest things produced. Through case studies and field site visits students apply concepts of sustainability to discover ways individuals, communities, and businesses creatively tackle (and eliminate) waste, use waste productively, and re-envision waste as a resource. Crosslisted as GEOG 267.

UNIV 270. Life, the Universe, and Engineering. 1 Credit.**Offered Either Fall or Spring; Lecture hours:3**

Technical and critical evaluation of items and issues in our society using principles of engineering science and design. Topics may include: exploration of "how stuff works", product manufacturing, global warming, disposal of hazardous waste, pharmaceutical development and testing.

UNIV 274. BU in Cape Town, South Africa. Addressing the Legacy of Apartheid through Social Justice Initiatives. 1 Credit.**Offered Summer Session Only; Lecture hours:3**

This course introduces students to the historical, cultural, and economic factors that have been part of South Africa's apartheid past, offering them opportunities to explore and learn more about the varied steps taken by South Africans to move beyond the harsh realities of legal apartheid. Crosslisted as RELI 275 and WMST 274.

UNIV 283. Eating in the 21st century. 1 Credit.**Offered Occasionally; Lecture hours:3,Other:1**

A Bucknell in London course examining the psychology of appetite and food preferences, behavioral impacts of the modern food environment, and factors in the obesity epidemic. Crosslisted as PSYC 283.

UNIV 284. South Africa: Social Entrepreneurship. 1 Credit.**Offered Summer Session Only; Lecture hours:15**

The course examines the legacy of apartheid and the role of social entrepreneurship in transforming communities. Students will be placed in community organizations in nearby townships. Prerequisite: permission of the instructor. Crosslisted as ECON 270 and MSUS 270 and PSYC 270 and WMST 275.

UNIV 287. London's Built Environment. 1 Credit.**Offered Spring Semester Only; Lecture hours:3**

This course will explore the relationships between Londoners and their built environment. By interweaving the human condition and social structure throughout the history of London with the resulting built environment, the course will provide students with opportunities to build and enhance their abilities to understand the social and natural worlds.

UNIV 288. Global Cuisines, Local Contexts: Commensality and Conflict. 1 Credit.**Offered Alternating Spring Semester; Lecture hours:3**

We will consider how food both brings people together, and creates divisions between them, through an in-depth examination of the cases of French and Andean (South American) cuisines. Cuisine will be considered through aesthetic, cultural, and economic lenses as a mirror into larger social worlds. Crosslisted as ANTH 288 and FREN 288 and LAMS 288.

UNIV 289. Global London. 1 Credit.**Offered Fall Semester Only; Lecture hours:3**

The course uses London's resources to explore issues confronting heavily urbanized societies, including diversity, sustainability, urban development vs. historical preservation, and globalization. It will treat these from an interdisciplinary perspective, focusing on how government and the public interact to deal with society's concerns, using all of London as a classroom.

UNIV 291. Culture and Issues in Contemporary Greece. 1 Credit.**Offered Spring Semester Only; Lecture hours:3**

In the context of major events of the twentieth and twenty-first centuries that continue to shape Greek life and culture, this course will expose students to the many issues Greeks are facing in relation to migration, economy, environment, tourism, and the urban/rural split.

UNIV 292. After the Holocaust: Israel & United States. 1 Credit.**Offered Either Fall or Spring; Lecture hours:3**

The course examines the impact of the Nazi persecution and genocide against the Jews (1933-1945) on different societies and cultures post-1945, especially in Israel and the United States. Crosslisted as HEBR 292.

UNIV 294. Technology and the Evolution of Britain. 1 Credit.**Offered Occasionally; Lecture hours:2,Other:2**

This Bucknell in London course examines the ways technologies have shaped Britain including the technical, economic and social implications.

UNIV 2NT. University Non-traditional Study. 1-2 Credits.**Offered Fall, Spring, Summer; Lecture hours:Varies,Other:Varies; Repeatable**

Non-traditional study course. Prerequisite: permission of the instructor.

UNIV 303. F.L. Wright Digital. 1 Credit.**Offered Alternating Spring Semester; Lecture hours:2,Other:1**

This class will use digital approaches to explore Frank Lloyd Wright's architecture. Students will produce a digital book about one of his buildings. Crosslisted as ARTH 303. Prerequisite: permission of the instructor.

UNIV 325. Concept to Commercialization. .5 Credits.**Offered Either Fall or Spring; Lecture hours:2**

The course focuses on using design to solve real-world, open-ended problems, understanding customer value propositions, learning to be responsive to customer/client needs, and identifying markets.

UNIV 335. Practicing Democracy: Active Citizenship, Community Engagement, and Social Change. 1 Credit.**Offered Occasionally; Lecture hours:3,Other:1**

An examination of historic and contemporary concepts of democratic citizenship, this interdisciplinary course explores efforts promoting the common good. Students practice civic engagement through public service. Prerequisite: permission of the instructor.

UNIV 340. Social Science Honors Thesis Preparation. .5 Credits.**Offered Fall Semester Only; Lecture hours:1.5; Repeatable**

Overview course that provides weekly structure to social science students writing Honors Theses. Students gain oversight in conceptualizing, writing and submitting Honors Thesis proposals. Instruction devoted to setting concrete research goals to be completed during the semester, writing the 'literature review' chapter, and constructing a timeline for the spring semester.

UNIV 350. Engineering: A Humanist Enterprise. 1 Credit.**Offered Either Fall or Spring; Lecture hours:3**

This course explores engineering as a human activity: undertaken by humans to meet human goals. The course explores how multiple disciplinary perspectives are required to undertake good engineering, and how our nature as humans affects engineering activities to help students transcend disciplinary boundaries. Prerequisite: senior status or instructor permission. Crosslisted as ECEG 409 and ECEG 610.

UNIV 371. Dance, Culture and Politics. 1 Credit.**Offered Either Fall or Spring; Lecture hours:3**

An exploration of dance as cultural and political practice. Topics include: colonialism; the politics of tradition; gender, ethnicity, and nationalism; dance and violence. Prerequisites: not open to first-year students or students who have taken ANTH 271 or WMST 271 Dance and Culture. Crosslisted as ANTH 371 and WMST 371.

UNIV 375. Should We Start This Company?. .5 Credits.**Offered Occasionally; Lecture hours:2**

Project centered course in entrepreneurship, generating new business ideas, and product or service design and development through business planning. Crosslisted as ENGR 375.

UNIV 399. Extreme Creativity. 1 Credit.**Offered Both Fall and Spring; Lecture hours:4.5,Other:4.5; Repeatable**

Extreme Creativity generates student engagement with the creative process through theoretical, pragmatic, and interactive explorations of creative writing, film, visual arts, music, drama, theatre, and performance. Prerequisites: Must have already taken a course in the arts and permission of the instructor.

UNIV 3NT. University Non-traditional Study. 1 Credit.**Offered Fall, Spring, Summer; Lecture hours:Varies,Other:3**

Non-traditional study course.