UNIVERSITY COURSES

Faculty

Coordinator: Bethany Collier

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 upper-class 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 102. Seeing Yourself in Bucknell History. .5 Credits.
Offered Either Fall or Spring; Lecture hours:3
Belonging is an essential human need. This course seeks to cultivate a sense of belonging at Bucknell by exploring historical campus figures while developing archival and family history research skills.

UNIV 110. Mindfulness Meditation. .25 Credits.
Offered Either Fall or Spring; Lecture hours:Varies,Other:10
This class follows the Koru program of mindfulness meditation for emerging adults. Students are introduced to the practice and science of mindfulness and learn several skills, including meditation, for managing stress and living with greater ease.

UNIV 112. Making: Past, Present & Future. 1 Credit.
Offered Occasionally; Lecture hours:3
The world of technology and design is growing faster than ever and as a result, there is an explosion of makers. In this course, we will do a deep dive into the four Industrial Revolutions and explore the integration of design, technology and entrepreneurship as it exists in today's society.

UNIV 115. Peer Education as Interpersonal Violence Prevention. .5 Credits.
Offered Both Fall and Spring; Lecture hours:3
Campus interpersonal violence has been recognized by the government, university administrations, and students themselves as a cause for concern. This course will provide an exploration of this issue. Students who take this course will be eligible to apply for employment with the Office of Interpersonal Violence Prevention and Advocacy.

UNIV 119. America at 250: Topics. .25 Credits.
Offered Both Fall and Spring,Topics course; Lecture hours:1; Repeatable
Interdisciplinary study of topics relating to the 250th anniversary of the founding of the United States. Combining perspectives from literature and history, these courses focus on narrative histories of the American Revolution and the founding documents as literature.

UNIV 120. Contemporary Issues in STEM. .5 Credits.
Offered Fall Semester Only; Lecture hours:1.5
Current events and issues in Science, Technology, Engineering, and Mathematics (STEM). Focus on the broad impacts of these disciplines, and in particular identifying the decisions and structures that create or perpetuate inequities. Course work will include reading, writing, discussion and oral presentations.

UNIV 125. Exploring Pre-Health. .25 Credits.
Offered Fall Semester Only; Lecture hours:1
This introductory course is designed to introduce early-career undergraduates to the breadth of the health professions and the careers that can be pursued as well as tactics to set a path to their goals.

UNIV 126. Pursuing Pre-Health. .25 Credits.
Offered Spring Semester Only; Lecture hours:1
This introductory course is designed to guide upper-class undergraduates through the process(es) necessary to apply to the professional school of their choice.

UNIV 135. Exploring Pre-Law. .25 Credits.
Offered Spring Semester Only; Lecture hours:1
This introductory course is designed to introduce early-career undergraduates to the field of law and the legal profession, as well as give students a chance to reflect on what a career in law would involve.

UNIV 136. Pursuing Pre-Law. .25 Credits.
Offered Fall Semester Only; Lecture hours:1
This introductory course is designed to prepare upper-level undergraduates for the law school application process, decision making considerations and ultimate law school experience.

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 175. JumpStart Your Career. .5 Credits.
Offered Both Fall and Spring; Lecture hours:3
Learn fundamentals of good career decision making by exploring and creating a personalized plan to identify and develop skills, interests and career goals. Understand employer expectations, professional etiquette and how to make important networking connections. Learn how to best prepare for a broad range of careers and industries.

UNIV 180. Arts Live. .25-.5 Credits.
Offered Either Fall or Spring; Lecture hours:Varies; Repeatable
Students attend in a minimum number of live arts events on campus; meet an hour each week for informal discussions in addition to posting reflective blog responses for each event. Through immersion in live arts happening, students unpack history, culture, preferences and learn to articulate aesthetic experiences with peers.

UNIV 190. Community Engaged Leadership. .5 Credits.
Offered Either Fall or Spring; Lecture hours:2
The foundational Leadership Course for the Community Engaged Leadership minor is an introduction to leadership in community engagement (applied learning). Preference is to take UNIV 190 prior to UNIV 191.

UNIV 191. Community Engaged Practice. .5 Credits.
Offered Either Fall or Spring; Lecture hours:2; Repeatable
Community Engaged Practice is an active learning experience that complements UNIV 190. Students enrolled in this course will be working in a community service project, approved by the Office of Civic Engagement. Preference is to take UNIV 190 prior to UNIV 191.

UNIV 192. Food, Faith, Justice: Baltimore. .5 Credits.
Offered Spring Semester Only; Lecture hours:1.5,Other:1.5
A two-part course - A seven-week educational preparatory period in which we examine relevant literature and begin to unpack the various interconnected questions of food, justice, poverty, and race in a major American city, followed by a 7-day immersive service-learning experience which will take place during the spring break.

UNIV 193. Teaching Assistant for Food, Faith, Justice: Baltimore. .25 Credits.
Offered Both Fall and Spring; Lecture hours:Varies,Other:1; Repeatable
Planning community engagement and cohort development with the Food, Faith, Justice: Baltimore spring course. Pre-requisite: UNIV 192.

UNIV 199. Arts Leadership: Survey. 1 Credit.
Offered Fall Semester Only; Lecture hours:3
This course introduces students to the professional practices and functional areas in the field of arts management and leadership, focusing on non-profit organizations in the visual, literary and performing arts. Course time is divided between classroom instruction and required attendance at weekly evening arts events on campus.

UNIV 1NT. Internship Credit. .25 Credits.
Offered Fall, Spring, Summer,Topics course; 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 Fall, Spring, Summer,Topics course; Lecture hours:3
Team-taught interdisciplinary course. Topics vary.

UNIV 201. Arts Leadership: Museums. 1 Credit.
Offered Spring Semester Only; Lecture hours:1,Other:2
Providing an introduction to Museum Studies and Curatorial Studies, this course covers the history and practices of museums. It reveals how museums perform social memory functions like collection and preservation in the broader field of cultural heritage institutions. It explores museum curating and cultural programming in comparative arts presenting organizations. Crosslisted as ARTH 202.

UNIV 205. Confounding Problems. .25-.5 Credits.
Offered Occasionally,Topics course; 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 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 211. Arts Leadership: Internship. .5 Credits.
Offered Fall Semester Only; Lecture hours:Varies,Other:3
Directed study in tandem with a student-secured off-campus internship in arts leadership/administration with a minimum of 60 hours on site. Internship must be secured before enrollment in the spring and conducted during summer. Course takes place during the first half of fall semester.

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 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 220. Technology & Social Justice. 1 Credit.
Offered Occasionally; Lecture hours:3
Technology impacts our daily lives and natural environment, but very few of us participate in the design process and technological decision making. This course explores the ways in which technology impacts marginalized voices and underrepresented communities through the lenses of design and existing power structures.

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 232. Science, Technology and Society. 1 Credit.
Offered Either Fall or Spring; Lecture hours:3; Repeatable
This is an “Inside-Out” course that is taught in a local prison with both Bucknell and incarcerated students. Topics include the processes of science, the motivations of the people who study science, and the effects (both positive and negative) of science and technology on everyday people.

UNIV 235. Engineering Car Design. .25 Credits.
Offered Both Fall and Spring; Lecture hours:Varies,Other:2; Repeatable
The Chem-E Car Competition challenges interdisciplinary teams to design, build, and compete with a shoe box sized vehicle that must travel a specified distance carrying a specific load in under two minutes and stop closest to the finish line. Interdisciplinary student teams design and build these cars. Crosslisted as CHEG 230.

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 238. Bucknell in Italy: Childhood, Family & Education in Italy. 1 Credit.
Offered Summer Session Only; Lecture hours:3
In this 1-credit, 5-week study abroad experience you will learn about childhood in Italy with an emphasis on the family and education systems in Italy. Not open to seniors. Crosslisted as EDUC 338 and PSYC 338.

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 243. Placing the Past. 1 Credit.
Offered Either Fall or Spring; Lecture hours:3
Through the integration and utilization of geographical and historical thinking, this course encourages students to explore forgotten, marginalized, and occluded moments in place and time, from the perspective of considering their potential significance and usefulness in the contemporary period. Crosslisted as GEOG 243 and HIST 243.

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 ITAL 248.

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 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 270. Winter Study Abroad Pre-Departure. .25 Credits.
Offered Fall Semester Only; Lecture hours:1; Repeatable
This is a required pre-departure course for students in approved winter study abroad programs.

UNIV 271. In Country Immersion. .5 Credits.
Offered Spring Semester Only; Lecture hours:1.5; Repeatable
Winter study abroad course. Prerequisite: UNIV 270.

UNIV 272. Winter Study Abroad Reflection. .25 Credits.
Offered Spring Semester Only; Lecture hours:1; Repeatable
Required course for students returning from winter study abroad programs. Prerequisite: UNIV 270.

UNIV 284. South Africa: Community Development. 1 Credit.
Offered Summer Session Only; Lecture hours:15
The course examines the legacy of apartheid and the role of community development efforts and social entrepreneurship in transforming communities. Students will be placed in community organizations in nearby townships. Prerequisite: permission of the instructor. Crosslisted as ECON 270.

UNIV 294. Pharmaceuticals Vaccines Food and Drink in London. 1 Credit.
Offered Occasionally; Lecture hours:2,Other:2
This course will explore case studies combining the technical, social and cultural aspects of chemical and biochemical processes to form food and pharmaceutical products through the context of study in London.

UNIV 296. Lessons in Resistance: MLK to 2021. .5 Credits.
Offered Spring Semester Only; Lecture hours:1.5
The course focuses requires students to 1) do several focused readings; 2) attend a series of campus lectures related to contemporary issues of social justice and ethical leadership as well as the historical Civil Rights movement symbolically commemorated in MLK day/week/month; and 3) discuss and reflect in weekly meetings.

UNIV 297. Experiential Learning in London and Beyond. .25 Credits.
Offered Either Fall or Spring; Lecture hours:Varies,Other:1; Repeatable
In this course, students will process and deepen the experiential learning that is a central part of the Bucknell in London program. After site visits, field trips and excursions within London and beyond, students will write reflections regarding the nature and importance of these learning experiences. Core course for program.

UNIV 299. Race and Ethnicity after Technology. 1 Credit.
Offered Either Fall or Spring,Topics course; Lecture hours:3; Repeatable
A critical exploration of the role of race and ethnicity as they intersect with gender, sexuality, ability, class and other aspects of a person's identity, in the production, consumption, and representation of technology.

UNIV 2NT. University Non-traditional Study. 1-2 Credits.
Offered Fall, Spring, Summer,Topics course; Lecture hours:Varies,Other:Varies; Repeatable
Non-traditional study course. Prerequisite: permission of the instructor.

UNIV 301. From Colonisation to Climate Crisis: Australian Life, Identity, and Change. 1 Credit.
Offered Occasionally; Lecture hours:3
You will acquire a broad knowledge of key social developments in Australia since colonisation, and to assess the effects these developments have had on contemporary Australian culture and identity. By learning about and analysing the events, lives, cultures and changes in Australia since colonisation.

UNIV 305. Topics in Pharmaceuticals for the Future. .25 Credits.
Offered Either Fall or Spring; Lecture hours:1; Repeatable
An interdisciplinary consideration of the technical, social, economic and ethical challenges and opportunities related to pharmaceuticals. Emphasis varies by semester, but often will include aspects of development, cost, access and regulations.

UNIV 338. Preparing for Advanced Degrees. .25 Credits.
Offered Fall Semester Only; Lecture hours:1
Self-reflection and strategies for students preparing applications for master's and Ph.D. programs in all disciplines but not professional school. Contemporary issues in higher education. Weekly writing assignments and peer review. Prerequisite: senior standing. 0.25 credit, Fall only.

UNIV 340. Social Science Honors Thesis Preparation. .5 Credits.
Offered Fall Semester Only,Topics course; 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 370. Exploring Veterinary Medicine. .5 Credits.
Offered Either Fall or Spring; Lecture hours:3
This course provides an experiential, discussion-based introduction to veterinary medicine for students considering careers in animal health, biomedical research or related fields. Through case-based learning, open discussion and hands-on animal experiences, students will explore how veterinarians think, make decisions and work across diverse settings.

UNIV 371. Dance, Culture & Power. 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. Not open to first-year students. Crosslisted as ANTH 371 and WMST 371.

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