

# UNIVERSITY COURSES (UNIV)

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## 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 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 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. 1 Credit.****Offered Spring 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; 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 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 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 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 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 242. Introduction to Food Science and Engineering for non-majors. 1 Credit.****Offered Either Fall or Spring; Lecture hours:2,Other:2**

Introduction to engineering and science principles in the context of food science and engineering, including chemistry, heat transfer, fluid flow, thermodynamics and product and process design. Course includes laboratory and design projects with exploration of food processing, regulations and interplay between technical and social concerns. Crosslisted as CHEG 242.

**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 ENFS 248 and 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 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 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 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 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 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. 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 295. Children and Immigration. 1 Credit.****Offered Occasionally; Lecture hours:3**

An interdisciplinary investigation of children's experience of immigration. Course materials are drawn from sociology and literary study, in particular children's literature, and include analyses of educational experiences, complex family situations, language learning, identity formation, and loss. Crosslisted as ENLS 295.

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

Non-traditional study course.