

# December 2023

## Course Number Change

### Business Admin: Operations and Business Analytics

**BUSOBA****Spring 2024 Semester****7332.01 Predictive Analytics***Previous Number: 7332***G 3**

Business Analytics is the process of transforming raw data into insights and predictions. This course provides an introduction to core predictive analytics concepts and techniques as well as hands-on experience in applying these techniques to practical real-world business problems.

Prereq: Enrollment in SMB-Analytics program, or 7250, or permission of instructor. Not open to students with credit for BusOBA 7332.02.

### Public Health: Health Behavior & Health Promotion

**PUBHHBP****Summer 2024 Term****6558 Policy as a Prevention Strategy***Previous Number: 7558***G 2**

This course will prepare graduate students on the key elements of how policy can be used as an intervention to promote primary, secondary, and tertiary prevention.

Cross-listed in 4558.

## Course Subject Change

### Radiation Oncology

**RADONC****Autumn 2024 Semester****8250 Biology of the Tumor Microenvironment***Previous Subject:  
NEURSGY***G 2**

Cellular and molecular biology of the microenvironment in solid cancers. Signals and mechanisms that promote tumor initiation and progression.

Prereq: 2nd year Grad standing, with lab work complete.

## New Course

### Anthropology

**ANTHROP****Spring 2024 Semester****3072 The Newark Earthworks, An Interdisciplinary Course****U 3**

This course is designed to give students an opportunity to learn about the indigenous peoples of ancient Ohio, an amazing complex of earthen mounds they created, and the many ways we can know about and further study them.

Prereq: Not open to students with credit for History 3072 or CompStd 3072. GE theme lived environments course. Cross-listed in CompStd and History.

### Art

**ART**

## Spring 2024 Semester

### 3008 Artists as Leaders and Engaged Citizens

U 3

This course focuses on the role of the artist as a citizen and leader for a just and diverse world. Students will learn about the interface of art and citizenship, including such topics as: art as a social and political practice; the potential for art to advance critical and creative thinking about contemporary social issues; creative/collaborative forms of leadership.

GE theme citizenship for div and just wrld course.

## Arts and Sciences

ARTSSCI

### Summer 2024 Term

#### 6001 Holistic Professional/Life Planning: Creating a Strategy That is Tailored to You

G 1

In this class, students reflect on various aspects of their lived experience, strengths, values, professional/life, and research interests to create a personal strategic plan. Through a series of exercises, students map their life through the lens of intersectionality and consider how the work they want to do in the world aligns with the way they are currently living. This class is geared towards graduate students in the College of Arts and Sciences who have completed at least one year of graduate school. (Enrollment Cap: 15 students).

Prereq: Grad standing, and permission of instructor.

## American Sign Language

ASL

### Summer 2024 Term

#### 1101.02 Elementary American Sign Language I

U 4

Students develop elementary ASL skills-receptive (listening) and expressive (speaking). American deaf culture and history introduced with an emphasis on making comparisons and connections to one's own culture.

Instruction primarily in ASL. Fully online. Not open to native users of ASL, or those with EM credit, or to students with 2 or more years of study in high school.

Prereq: Not open to students with credit for 1101 or 1101.01. GE for lang course. GE world languages course.

### Summer 2024 Term

#### 1102.02 Elementary American Sign Language II

U 4

Further development of ASL skills. Focus on talking about others. Continued exploration of American deaf culture and history. Instruction primarily in ASL. Not open to native users of ASL. Fully online.

Prereq: Prereq: 1101, or 1101.01, or 1101.02. Not open to students with credit for 1102, or 1102.01. GE for lang course. GE world languages course.

### Summer 2024 Term

#### 1103.02 Intermediate American Sign Language

U 4

Advanced development of ASL skills. Focus on talking about community. Continued exploration of American deaf culture and history. Instruction primarily in ASL. Fully online. Not open to native users of ASL.

Prereq: Prereq: 1102, 1102.01, or 1102.02. Not open to students with credit for 1103, or 1103.01. GE for lang course. GE world languages course.

## Bioethics

BIOETHC

### Spring 2024 Semester

#### 5040 Disability Bioethics

U G 3

This course offers an advanced introduction to disability bioethics. Students will become familiar with some of the central debates in contemporary disability bioethics. Topics may include: competing models of disability; whether, all things equal, having a disability make one's life worse; if it is permissible to try and "treat" or "cure" disabilities.

Prereq: Grad standing, or permission of instructor.

## Business Admin: Operations and Business Analytics

BUSOBA

## Spring 2024 Semester

### 7332.02 Predictive Analytics

G 1½

Business Analytics is the process of transforming raw data into insights and predictions. This course provides an introduction to core predictive analytics concepts and techniques as well as hands-on experience in applying these techniques to practical real-world business problems.

Prereq: Enrollment in Fisher College of Business, or permission of instructor. Not open to students with credit for BusOBA 7332.01.

## Classics

CLAS

### Autumn 2024 Semester

#### 3301 Law, Citizenship, and Empire in Later Rome

U 3

This course explores the historical, social, religious, and cultural processes that led to the codification of Roman law by Justinian and his predecessors (this is primarily a historical course, not a course in jurisprudence). Also, this course will examine how changing notions of citizenship within the later empire effected and were affected by the practice and creation of law.

Prereq: English 1110.xx, or GE foundation writing and info literacy course, or permission of instructor. GE theme citizenship for div and just wrld course.

### Autumn 2024 Semester

#### 3302 Citizenship in Democratic Athens

U 3

This class explores the performance of citizenship in ancient Athens. We will study how eighteenth and nineteenth century thinkers sought to marginalize Athens' democratic nature, we will then cover Athens' transformation from oligarchy to tyranny, learn about democracy in the sixth and fifth centuries BCE, and examine Athens' political structure.

Prereq: English 1110.xx, or GE foundation writing and info literacy course, or permission of instructor. GE theme citizenship for div and just wrld course.

## Comparative Studies

COMPSTD

### Spring 2024 Semester

#### 3072 The Newark Earthworks, An Interdisciplinary Course

U 3

This course is designed to give students an opportunity to learn about the indigenous peoples of ancient Ohio, an amazing complex of earthen mounds they created, and the many ways we can know about and further study them.

Prereq: Not open to students with credit for Anthrop 3072 or History 3072. GE theme lived environments course. Cross-listed in Anthrop and History.

## Education: Teaching and Learning

EDUTL

### Autumn 2024 Semester

#### 2050 Intersections of Privilege

U 3

The course foregrounds language and power and examines identity and identity intersections across race, ethnicity, and gender. Students will be asked to ponder and explore multiple forms of privilege and oppression in relation to themselves and others. During course times, there is also a bi-weekly experiential learning component that will take place in the Columbus community off campus.

GE foundation race, ethnicity and gender div course.

### Autumn 2024 Semester

#### 7447 Leveraging Literacies and Technologies for Social Change

G 3

As policy makers, researchers, Ed tech companies, data analysts, students, and educators' express interest, hopes, and concerns about teaching and learning with digital tools, we will use this course as a space to investigate research, curriculum, and policy as it relates to literacy and technology.

Prereq: Admission to the Ed.D or Ph.D program in the Department of Teaching and Learning; or permission of instructor.

**Autumn 2024 Semester****7451 Understanding Children's and Young Adult Literature****G 3**

This course is intended to introduce all students in the Literacies, Literature, and English Education program to children's and young adult literature across various genres and formats (e.g., graphic novels, picturebooks, etc.) with attention to using these books in K-12 classroom settings for literacy instruction while also analyzing and appreciating them as literary works of art.

**Autumn 2024 Semester****7464 Charlotte S. Huck Children's Literature Seminar****G 3**

This course honors Dr. Charlotte S. Huck's work and legacy while also introducing students to varying topics in children's literature. Course topics (e.g., children's book awards, history and development of African American children's lit, etc.) will rotate annually based on student interest. New topics (e.g., nonfiction) will occasionally be introduced into the rotation.

**Autumn 2024 Semester****8380 Current Issues in Critical Transformative Education****G 3**

In-depth examination of major trends and issues related to the graduate specializations within the area of Critical Transformative Education (CTE). This course will use an interdisciplinary and intersectional lens to explore current topics in the field of education in areas such as, literacy, race, justice, equity, multilingual language education, the arts, and languaging.

**Autumn 2024 Semester****8811 Critical & Decolonizing Research Methods in Education****G 3**

This course creates space to trouble normative ideas of research, interrogate historical and contemporary approaches, and engage in designing critical and decolonial research projects. Engagement with diverse approaches to research including decolonial methodologies, critical qualitative/quantitative stances, community-based, participatory, feminist, and issues of power and accountability.

**Autumn 2024 Semester****8997 Doctoral Professional Experience****G 1 - 6**

Doctoral students in the Department of Teaching and Learning will complete a minimum of 6 credit hours of professional experiences across the duration of their program of study.

Prereq: Permission of instructor or advisor. This course is graded S/U.

<b>English</b>	<b>ENGLISH</b>
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**Spring 2024 Semester****3161 Drug Use & Addiction in Literature****U 3**

Students will read fiction, poetry, memoirs, songs, comics, and films that portray drug use and addiction. Through literature students will discover the history of the human experience with substance use and abuse, and learn how literary texts provide human beings with unique tools to describe, explain, and analyze the complicated relationship between people and drugs.

Prereq: GE foundation writing and info literacy course. GE theme health and well-being course.

<b>Engineering Technology</b>	<b>ENGTECH</b>
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**Autumn 2024 Semester****2061T Feed Mill Operations and Quality Assurance****U 3**

Principles of feed manufacturing, equipment operation, feed and ingredient quality assurance and regulatory compliance in a modern feed milling operation.

<b>Entomology</b>	<b>ENTMLGY</b>
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**Autumn 2024 Semester****6707 Entomological Techniques and Data Analysis****G 3**

Students will be introduced to the design and analysis of simple experiments and studies frequently used in Entomology. This hands-on course will cover analysis of data generated from commonly-used entomological techniques and observational approaches. Throughout, students will use and analyze data using statistical and version control software programs commonly used in the scientific community.

**History of Art****HISTART****Spring 2024 Semester****4798.03 Gothic Art, Architecture, and Ecology in Paris****U 3**

This course investigates the cathedrals of Gothic Paris and the Ile de France, the most famous monuments of European medieval art. The course explores the history of these buildings in their cultural, political, social, artistic, environmental, and ecological contexts. The course covers medieval buildings but also the sculptures, stained glass, textiles, and precious objects that filled them. This is an education abroad course.

Prereq: Permission of instructor. GE theme lived environments course.

**History****HISTORY****Spring 2024 Semester****3072 The Newark Earthworks, An Interdisciplinary Course****U 3**

This course is designed to give students an opportunity to learn about the indigenous peoples of ancient Ohio, an amazing complex of earthen mounds they created, and the many ways we can know about and further study them.

Prereq: Not open to students with credit for Anthrop 3072 or CompStd 3072. GE theme lived environments course. Cross-listed in Anthrop and CompSt.

**Health and Rehabilitation Sciences****HTHRHSC****Summer 2024 Term****4001 General Education Reflection Seminar in Health and Rehabilitation Sciences****U 1**

This closing "Reflection" seminar specific to Health and Rehabilitation Sciences provides opportunities for students to document and reflect on their academic and personal growth and allows for synthesis of the interests, interactions, and skills they've attained throughout their professional training course work as well as the GE. Completion of required GE curricula within the two semesters prior to graduation. Final GE coursework can be taken concurrently.

Prereq: Enrolled in an HRS undergraduate program, and Sr standing. This course is graded S/U. GE bookend reflection seminar course.

**Kinesiology: Sport Industry, Sport Management****KNSISM****Autumn 2024 Semester****6850 Applied Research Methods in Sport****G 3**

This course equips students with knowledge/skills/ethics to evaluate/apply research to solving real-world problems. The use of research as a tool to inform decision-making in sport; the value of generating new knowledge to advance the sport industry is emphasized. Students explore research approaches/questions relevant to sport industry, learn to apply techniques & develop knowledge competencies.

Prereq: Grad standing in Kinesiology Program.

**Linguistics****LING**

**Autumn 2024 Semester****3102 Lost Languages Lost Cultures****U 3**

This class will examine 6 great decipherments, how scholars were able to crack the code, the nature of these writing systems, and the languages, cultures, and history unlocked. We will look in detail at what methods epigraphists and linguists used to accomplish this and what gaps remain in our understanding.

Prereq: Not open to students with credit for NELC 3102. GE theme traditions, cultures, and transformations course. Cross-listed in NELC.

**Music****MUSIC****Autumn 2024 Semester****1111 Fundamentals of Music for Non-Music Majors****U 1**

Students will work to develop fluency with the fundamental materials of western tonal music. They will learn notational conventions, pitch, rhythm, and meter. They will recognize, write, and label intervals, key signatures, and major and minor triads. Students will synthesize and apply these concepts in two four-measure compositions. For non-majors who did not pass the theory placement exam.

**Autumn 2024 Semester****6840 Research Methods in Music Theory****G 3**

This course introduces students to current trends, epistemologies, and research methods in music theory. Students will learn recent disciplinary history, engage with a broad cross section of current research, position their own research interests in a rapidly expanding field, and create a proposal for original research. A passing score on the graduate theory examination is required.

Prereq: 4500.01, or permission of instructor.

**Near Eastern Languages and Cultures****NELC****Autumn 2024 Semester****3102 Lost Languages Lost Cultures****U 3**

This class will examine 6 great decipherments, how scholars were able to crack the code, the nature of these writing systems, and the languages, cultures, and history unlocked. We will look in detail at what methods epigraphists and linguists used to accomplish this and what gaps remain in our understanding.

Prereq: Not open to students with credit for Ling 3102. GE theme traditions, cultures, and transformations course. Cross-listed in Ling.

**Nursing****NURSING****Summer 2024 Term****2000 LPN to BSN Bridge Course****U 6**

Transition course for the LPN entering the BSN program emphasizing nursing and collaborative interventions utilizing the nursing process and concepts of evidence-informed decision-making to include person-centered, interprofessional, global health, systems perspectives, and population-focused care.

Prereq: Enrollment in the LPN to BSN traditional track.

**Spring 2024 Semester****5100 Coaching for NCLEX Success****U G 1**

This course is designed for nursing students to prepare for the NCLEX-RN licensure exam. Students will develop knowledge on the NCLEX-RN test plan by familiarizing with alternative formats of NCLEX type questions.

Prereq: Students in the penultimate semester prior to taking the NCLEX. This course is graded S/U.

**Philosophy****PHILOS**

**Autumn 2024 Semester****2332 Engineering Ethics for a Diverse and Just World****U 3**

This course provides students in engineering fields analytical and critical tools to become ethically attuned citizens who promote and sustain justice in a diverse world.

Prereq: GE foundation writing and info literacy course; and GE foundation race, ethnicity and gender div course; and GE foundation historical and cultural studies course. GE theme citizenship for div and just wrld course.

**Physiology and Cell Biology****PHYSIO****Summer 2024 Term****4999 Undergraduate Thesis Research****U 1 - 10**

Students will conduct individual, hands-on laboratory research under the direction of a faculty member in the department of Physiology and Cell Biology culminating in a thesis and oral examination. This will involve learning specific laboratory techniques and scientific methods related to the faculty member's biomedical research program.

Prereq: Permission of instructor. Repeatable to a maximum of 20 cr hrs or 5 completions. This course is graded S/U.

**Autumn 2024 Semester****8502 Seminar in Physiology and Cell Biology****G 1**

In this course students will gain knowledge in biomedical research techniques, background and current knowledge in the areas of Physiology and Cell Biology research from local, regional and national research investigator seminars.

Prereq: Graduate program enrollment. Repeatable to a maximum of 8 cr hrs. This course is graded S/U.

**Plant Pathology****PLNTPTH****Autumn 2024 Semester****6020 Advanced Plant Pathology Lab: Virology****G 1/2**

This course will prepare students to implement techniques used by virologists, both in applied diagnostics and research settings. It will provide foundational training in principles and methods applied to the study of plant virology, with a focus on plant viruses.

Prereq: 3001 and 3002; or 6001; or permission of the instructor. Prereq or Concur: 5020, or permission of the instructor.

**Political Science****POLITSC****Autumn 2024 Semester****1910 Introduction to the Politics of Identity****U 3**

This course is designed to introduce students to the continued significance of race, gender, and ethnicity in American society with a focus on identity. Examines how various identities and combinations of identities (namely race, ethnicity, and gender) are associated with sociopolitical experiences and attitudes.

GE foundation race, ethnicity and gender div course.

**Autumn 2024 Semester****4135E American Constitutional Law****U 3**

Assessment of the contemporary realities of U.S. governmental authority as interpreted by the judiciary; emphasis on judicial review, case and controversy requirements, and legislative and executive power.

Prereq: Not open to students with credit for 4135.

**Public Health: Health Behavior & Health Promotion****PUBHHBP**

**Summer 2024 Term****4558 Policy as a Prevention Strategy****U 2**

This course will prepare upper-level undergraduate students on the key elements of how policy can be used as an intervention to promote primary, secondary, and tertiary prevention. Course activities will build skills for the evaluation of when policy is an appropriate strategy, and how to prepare a policy brief on a formal policy issue that impacts population health.

Prereq: GE foundation writing and info literacy course, and GE foundation social and behavioral sci course; or equivalents. Cross-listed in 6558.

**Russian****RUSSIAN****Autumn 2024 Semester****2850 Other Russias****U 3**

This class is an introduction to lesser known or marginalized people and identities inhabiting Russia. Students learn about gender, sexual, racial, ethnic, religious, and linguistic diversity as lived experiences, as categories and experiences embedded in historical and cultural contexts, and as categories of social difference that are intersectional, shifting, and shaped by hierarchies of power.

GE foundation historical and cultural studies and race, ethnicity and gender div course.

**Spanish****SPANISH****Spring 2024 Semester****4542 Taco Planet: Food, Sustainability & Latin(x) American Cultures****U 3**

Examines the history, policies, visual representations, culinary techniques, and literatures that bring together Latin(x) American identity, expressive cultures, and culinary practices. Students will visit local businesses and complete instructional kitchen class gatherings to inventory how they can contribute to more sustainable and ethical consumer choices. Taught in English.

Prerequisite: 2242, or CompStd 2242, or 2322, EthnStd 2242, or permission of instructor. GE theme sustainability course.

**Speech and Hearing Science****SPHHRNG****Autumn 2024 Semester****7500 Advanced Vestibular Diagnostics and Management****G 3**

The course will provide advanced training in the diagnosis and management of vestibular disorders and will expand the battery of tests used by vestibular audiologists for diagnostics, interpretation, and management.

Prereq: 6707.

**Veterinary Biosciences****VETBIOS****Spring 2024 Semester****7710 Basic Macroscopic Pathology Lecture****V 1**

Basic process of identifying gross lesions in domestic animals and some exotic species.

**Veterinary Medicine****VMCOLL****Spring 2024 Semester****6613.04 Thinking and Reasoning with Integrated Problems 2B****V 3**

In Integrated Problems 2B, students continue their learning from Year 2 Integrated Problems 2A and expand their approach to clinical cases by adjusting plans based on new information and exploring initial treatment options. Students apply knowledge they learn in their didactic courses to identify, diagnose, and treat various problems within individual and population medicine.

This course is graded S/U.

**Remove from Limbo**



**Dentistry****DENT****Spring 2024 Semester****7400      Advanced Pediatric Dentistry****D            1**

Advanced clinical experiences and background in Pediatric Dentistry for general practitioners. Repeatable to a maximum of 2 cr hrs. This course is graded S/U.

**Earth Science****EARTHSC****Autumn 2024 Semester****5160      Geomicrobiology****U G        3**

The role of microorganisms in shaping our environment through mineralogical and geochemical processes at both local and global scales, in the present day and over geologic time periods. Prereq: Sr or Grad student in School of Earth Sciences, Department of Microbiology, Department of Civil, Environmental, and Geodetic Engineering, or School of Environment and Natural Resources. Not open to students with credit for Microbio 5160. Cross-listed in Microbio.

**Horticulture and Crop Science****HCS****Autumn 2024 Semester****3438      Theme and Specialty Gardens****U            2**

Study of the principles and techniques of theme and specialty gardening. Prereq: 2201.

**Music****MUSIC****Spring 2024 Semester****6216.36   Applied Music (Non Major): Jazz Bass****G            2**

Applied jazz bass study with special emphasis on literature and pedagogy. Prereq: Grad standing, and permission of instructor. Repeatable to a maximum of 12 cr hrs.

**Philosophy****PHILOS****Autumn 2024 Semester****3260      Movements in 20th-Century Philosophy****U            3**

Major figures or movements in twentieth-century philosophy. Prereq: 3 cr hrs in Philos, or permission of instructor.

**Remove from Withdrawal****Music****MUSIC****Spring 2024 Semester****2200.46   Applied Music - Secondary - Bassoon****U            1 - 2**

This course is designed to cover bassoon foundational skills and provide practical knowledge to equip future bassoonists with the tools needed to succeed in the field. Prereq: Enrollment in Music major. Repeatable to a maximum of 12 cr hrs or 12 completions.

**Update Course**

**African American and African Studies**

AFAMAST

**Spring 2024 Semester****2285 Afropop: Popular Music and Culture in Contemporary Africa****U 3**

Focuses on the rich variety, aesthetic beauty, and political significance of popular music in modern African cities, as well as contemporary urban locations within the African diaspora. In these social and cultural contexts, students will further explore the intersectionality of race, gender, sexuality, class, ethnicity, and religion, in various constellations, through the lens of popular music.

GE cultures and ideas course and diversity global studies course. GE foundation historical and cultural studies and GE foundation race, ethnicity and gender div course.

**Animal Sciences**

ANIMSCI

**Summer 2024 Term****8997 Graduate Writing Experience in Animal Sciences: Non-Thesis****G 3**

Writing for non-thesis MAS students in Animal Sciences.

Prereq: Grad standing, and permission of instructor. Only available to students obtaining a non-thesis MAS in Animal Sciences. This course is graded S/U.

**Arabic**

ARABIC

**Summer 2024 Term****1102.01 Elementary Modern Standard Arabic II****U 4**

Developing further language ability through learning how to perform certain functions orally and using them with fellow students; reading and writing passages reflecting their abilities. Classroom track. Not open to native speakers of Arabic.

Prereq: 1101.01, or 4 cr hrs of 1101.51, or Arabic Placement Level 8. Not open to students with credit for 1102.02, or 4 cr hrs of 1102.51. This course is available for EM credit. GE for lang course. GE world languages course.

**Biology**

BIOLOGY

**Summer 2024 Term****1114.01 Biological Sciences: Form, Function, Diversity, and Ecology****U 4**

Exploration of biology and biological principles; evolution and speciation, diversity in structure, function, behavior, and ecology among prokaryotes and eukaryotes. A broad introduction to biology comprises both Biology 1113 and 1114.

Prereq: Math 1120, 1130, 1148, or 1150 or above, or Math Placement Level L or M. Prereq or concur: Chem 1110, 1208, 1210, 1610, or 1910H, or permission of course coordinator. Not open to students with credit for 1114 or 1114.02. This course is available for EM credit. GE nat sci bio course. GE foundation natural sci course.

**Biological Chemistry and Pharmacology**

BIOPHRM

**Summer 2024 Term****5050 Molecular Basis of Oxidative Stress****U G M 3**

The inter-relationships between reactive species and development of human diseases will be the highlight of lectures and discussions.

Prereq: Chem 2520, 2620, or 2920H.

**Business Admin: Finance**

BUSFIN

**Summer 2024 Term****4218 Fixed Income Securities****U** 1½

An introduction to the mathematics and evaluation of US Dollar denominated fixed income instruments. Students will learn the underlying terms and conditions used in the fixed income markets and apply Excel based mathematical models to evaluate the pricing, yield, risk, and return attributes in the market. *Components: LEC REC*

Prereq: 4211 and 4221.

**Civil Engineering****CIVILEN****Autumn 2024 Semester****5411 Legal Aspects of Surveying****U G** 3

History of measurement; development of land survey systems; milestones in technology; Land Surveyor's role; types of land surveys; retracement principles; laws on surveying practices.

Prereqs: 2410, and enrollment in CivilEn major: or enrollment in the Surveying and Mapping minor: or permission of instructor.

**Education: Teaching and Learning****EDUTL****Autumn 2024 Semester****7014 Epistemologies and Theories of Race, Justice, & Equity in Education****G** 3

Examine and focus in depth on various critical epistemologies, theories, and assumptions and the relationships between them and the pursuit of social justice.

**Autumn 2024 Semester****7015 Curricular Approaches to Studies of Race, Justice & Equity in Education****G** 3

Provides an overview of curricular approaches in MESE drawn from local, national and global scholarship and contexts. Students examine a variety of curricular approaches towards social justice and activist praxis in education.

**Autumn 2024 Semester****8615 Research Methods for Educational Linguistics****G** 3

Aims to help doctoral students to understand the steps involved in designing a qualitative second-language (L2) research project, to critically evaluate published research, and to consider key issues in designing their own L2 study.

**Autumn 2024 Semester****8617 Topics in Educational Linguistics****G** 3

Lecture and discussion course focused on current issues related to second language acquisition research. Prereq: 8610.

**Autumn 2024 Semester****8721 Advanced Study of Thinking, Learning, and Assessment in STEAM Education****G** 3

Develop a deep, foundational knowledge of various theories and types of research on mathematical thinking and learning. Students will also develop knowledge of ways of assessing mathematical knowledge, thinking, and reasoning.

**Autumn 2024 Semester****8751 Survey and Critical Analysis of Research in STEAM Education****G** 3

Examines critical issues associated with conducting and analyzing research in STEM education including formulating and evaluating the following; research questions, methodologies, data collection instruments, and analysis techniques.

**Engineering****ENGR**

**Autumn 2024 Semester****2300 Exploring Diversity, Equity & Inclusion in Engineering Contexts****U 3**

This course engages with thematic concepts and definitions of citizenship, diversity, equity, inclusion, and justice through historical and contemporary lenses. Students explore the applications and implications of these concepts across a wide range of engineering contexts. Students will approach the writing process from a rhetorical perspective.

Prereq: GE foundation writing and info literacy course. Not open to students with credit for 2301. GE theme citizenship for div and just wrld course.

**Autumn 2024 Semester****2301 Exploring Diversity, Equity & Inclusion in Engineering Contexts: Integrative Designation****U 4**

Students will use the engineering design and writing processes to define a meaningful problem within specific local or global communities and formulate and propose a solution to that problem. Students will explore themes of diversity and inclusion in engineering and citizenship in a just and diverse world through a comprehensive, semester-long proposal project.

Prereq: GE foundation writing and info literacy course. Not open to students with credit for 2300. GE theme citizenship for div and just wrld course.

**Autumn 2024 Semester****5901.02H Multidisciplinary Engineering Capstone Design Project II - Honors IBE****U G 3**

This course is an honors version of ENGR 5901.01 and is required for the Integrated Business and Engineering (IBE) program. Students in multidisciplinary teams work on realistic and open-ended product development projects in conjunction with an industry sponsor. Teams practice modern development principles applying the concept of design thinking, user-focused design, and minimally viable product.

Prereq: Honors standing, and Sr standing in Engineering or Business, and enrollment in Integrated Business and Engineering (IBE) program; or permission of instructor.

**Environmental Engineering****ENVENG****Autumn 2024 Semester****4090 Environmental Engineering Capstone Design****U 3**

Culminating design course for the Environmental Engineering program. Must be taken as close to graduation as possible.

Prereq: 3200, 3210, CivilEn 3160, and 2060, or permission of instructor.

**Educational Studies: Educational Administration****ESEADM****Spring 2024 Semester****8220 School Business Administration****G 3**

School business administration is an important aspect of how school functions. In this course, we will examine multiple aspects of school business administration from the perspectives of research and professional practice. In particular, we will consider aspects of planning, budgeting, taxation, human resources, facilities, risk mitigation, and technology.

Prereq: Admission into the Doctor of Education (EdD) in Educational Studies specializing in Educational Administration; and ESEAdm 8356.

*Components: LEC SEM  
WRK*

**Educational Studies: Higher Educ & Student Affairs****ESHESA****Spring 2024 Semester****7510 College Student Development****G 3**

An analysis of psychosocial theories of and research on college student development and their use in the design of educational practice.

**Food Science and Technology****FDSCTE**

### Summer 2024 Term

**4191 Internship**  
**U 1**

Following time spent working at an internship, this course is intended to allow students to reflect on the skills learned in the workplace. Students will submit written and oral presentations of this reflection during the semester. There is no formal class meeting for this credit.

Prereq: 2400, and enrollment in a Food Science and Technology major, and permission of instructor. Prereq or concur: FAES 3191. Repeatable to a maximum of 2 cr hrs. This course is graded S/U.

Components: IND

### Summer 2024 Term

**4193 Individual Studies**  
**U 1 - 3**

Individual study course to permit undergraduate students to explore in-depth selected areas of food science and nutrition.

Prereq: CPHR 2.5 or above, sophomore standing, and permission of instructor. Repeatable to a maximum of 6 cr hrs or 2 completions. This course is progress graded (S/U).

### Summer 2024 Term

**4999 Research with Distinction**  
**U 1 - 5**

Conducting and reporting research with Distinction. Students are expected to present research findings at two or more local or national meetings (e.g. CFAES Undergraduate Research Forum, Denman, OVIFT Poster Competition, Undergraduate Research Festival, IFT, etc).

Prereq: CPHR 3.0 or above, and GPA 3.0 or above in FdScTe major, and permission of project supervisor. Repeatable to a maximum of 6 cr hrs or 6 completions. This course is progress graded (S/U).

## Greek

GREEK

### Autumn 2024 Semester

**1101 Elementary Ancient Greek**  
**U 4**

Introduction to the language of the ancient Greek authors and the New Testament. Not open to students with 3 or more years of study in this language in high school, except by permission of department.

Au Sem.

This course is available for EM credit. GE for lang course. GE world languages course.

### Autumn 2024 Semester

**1102 Intermediate Ancient Greek I**  
**U 4**

Intermediate Ancient Greek I.

Sp Sem.

Prereq: 1101. This course is available for EM credit. GE for lang course. GE world languages course.

## History of Art

HISTART

### Summer 2024 Term

**8193 Individual Studies**  
**G 1 - 6**

Advanced study for students in specialized programs.

Prereq: Permission of instructor. Repeatable to a maximum of 9 cr hrs or 9 completions. This course is graded S/U.

## History

HISTORY

### Summer 2024 Term

**3704 HIV: From Microbiology to Macrohistory**  
**U 4**

This course is an interdisciplinary exploration of HIV/AIDS, tracing the evolution of the virus at both the molecular level and within in its global historical context. This course is team-taught by a virologist and a historian.

Prereq: Not open to students with credit for Micrbio 3704. GE theme origins and evolution course. Cross-listed in Micrbio.

Campus: COL LMA  
MNS MRN NWK WST

### Spring 2024 Semester

**3798.06 Between France and Morocco: Inclusivity and Diversity in the Francophone World**

**U 3**

*Campus: COL LMA  
MNS MRN NWK WST*

This is a Study Abroad course offered in the 4-Week May Session that traces the evolution of plural (cultural, religious, political, and national) identities in France and North Africa, focusing on shared histories and tensions between the two countries.

GE historical study and diversity global studies course. GE theme traditions, cultures, and transformations course.

### Spring 2024 Semester

**7910 Prospectus Writing & Professional Development**

**G 3**

Seminar dedicated to researching and writing Dissertation Prospectus. Also review of professional development skills: grant writing, building a resume and planning a career, how to write and present a conference paper, book reviews.

Prereq: Grad standing. This course is graded S/U.

## Industrial and Systems Engineering

ISE

### Autumn 2024 Semester

**5811 Lean Sigma Certification Project (Part I)**

**U G 3**

Focuses on industry sponsored LeanSigma DMAIC Certification Projects. Project Selection, Definition and Measure are covered in this course.

Prereq: 5810, and Sr standing, and enrollment in Industrial and Systems Engineering, and permission of instructor.

### Autumn 2024 Semester

**5812 LeanSigma Certification Project II**

**U G 3**

Focuses on industry sponsored Lean Sigma DMAIC Certification Projects. Improve and Control are the phases covered in this course.

Prereq: 5810 and 5811, and permission of instructor.

## Latin

LATIN

### Autumn 2024 Semester

**1101.01 Elementary Latin I**

**U 4**

Elementary level introduction to the Latin language; the course begins the study of grammar and vocabulary. Not open to students with 3 or more years of high school study in this language, except by permission of department.

This course is available for EM credit. GE for lang course. GE world languages course.

### Autumn 2024 Semester

**1102.01 Intermediate Latin I**

**U 4**

Completion of Latin grammar and syntax; introduction to reading of Latin authors.

Prereq: 1101 or equiv. or Latin Placement Level 8, or permission of instructor. This course is available for EM credit. GE for lang course. GE world languages course.

## Linguistics

LING

### Summer 2024 Term

**4052 Linguistics and the Scientific Method**

**U 3**

Provides a strong grounding in fundamental principles of scientific reasoning illustrated through concrete examples across the Natural and Social sciences with emphasis on Psychology and Linguistics. This course is suitable for students from all backgrounds including non-science majors. Students will gain understanding of what it means to "do science."

Prereq: English 1110.xx, or GE foundation writing and info literacy course. GE theme number, nature, mind course.

**Microbiology**

MICRBIO

**Summer 2024 Term****3704 HIV: From Microbiology to Macrohistory****U 4***Campus: COL LMA  
MNS MRN NWK WST*

This course is an interdisciplinary exploration of HIV/AIDS, tracing the evolution of the virus at both the molecular level and within its global historical context. This course is team-taught by a virologist and a historian.  
Prereq: Not open to students with credit for History 3704. GE theme origins and evolution course. Cross-listed in History.

**Nursing**

NURSING

**Summer 2024 Term****8891.02 Secondary Data Analysis for Nursing and Health Research****G 3**

Develop an understanding of secondary data analysis from a nursing science perspective. Emphasis on study design and methods including data management and various analytic tools.  
Prereq: Course in multiple regression.

**Pharmacy**

PHR

**Spring 2024 Semester****7140 Neurobiology of Addiction****G P 2**

Covers current knowledge of changes in molecular and circuit pathways in the brain that occur in response to use of addictive drugs and are thought to underlie the behavioral challenges of addiction.  
Prereq: Grad standing, or enrollment in PharmD program, or permission of instructor.

**Plant Pathology**

PLNTPTH

**Autumn 2024 Semester****8901 Mentored Teaching in Plant Pathology****G 1 - 3**

Students work with faculty members to gain intensive hands-on and mentored experiences focused on direct interaction with students and on the scholarly aspects of teaching. Completion of the OSU Drake Institute for Teaching and Learning - Graduate Teaching Orientation is required.  
Prereq: Grad standing in Plant Pathology. Repeatable to a maximum of 9 cr hrs or 3 completions. This course is graded S/U.

**Political Science**

POLITSC

**Autumn 2024 Semester****3460 Global Justice****U 3***Campus: COL LMA  
MNS MRN NWK WST*

Examines the idea of justice between states and among the people of the world. What would a just world look like? How should we live in our unjust world? Current debates about war, the environment, diversity and poverty will be considered.  
GE theme citizenship for div and just wrld and migration, mobility, and immobility course.

**Psychology**

PSYCH

**Autumn 2024 Semester****7864 Psychological Assessment****G 3**

Theories and methods of psychological assessment; integration of different theories and approaches.  
Prereq: Permission of instructor.

**Russian**

RUSSIAN

### Spring 2024 Semester

#### 3480.01 The Russian Spy: Cultures of Surveillance, Secret Agents, & Hacking from the Cold War through Today

U 3

Campus: COL LMA  
MNS MRN NWK WST

This course explores the concept of the spy in the cultural imaginations of both Russia and the West from the early-20th century through the present. Topics will include stereotyping in popular culture, the relationship between fiction and the political imagination, Western (especially American) and Russian views of each other, the Cold War, privacy, security, fear, and war.

Prereq: Not open to students with credit for 3480 or 3480.99. GE VPA and diversity global studies course. GE foundation historical and cultural studies course.

### Spring 2024 Semester

#### 3480.99 The Russian Spy: Cultures of Surveillance, Secret Agents, & Hacking from the Cold War through Today

U 3

Campus: COL LMA  
MNS MRN NWK WST

This course explores the concept of the spy in the cultural imaginations of both Russia and the West from the early-20th century through the present. Topics will include stereotyping in popular culture, the relationship between fiction and the political imagination, Western (especially American) and Russian views of each other, the Cold War, privacy, security, fear, and war. 100% Online.

Prereq: Not open to students with credit for 3480 or 3480.01. GE VPA and diversity global studies course. GE foundation historical and cultural studies course.

## Slavic Languages and Literatures

SLAVIC

### Spring 2024 Semester

#### 2365.99 Sports, Socialists, and Society in Russia and Eastern Europe (Online)

U 3

Campus: COL LMA  
MNS MRN NWK WST

This course looks at the development of sports as a substitute and arena for battle between countries, as well as the rise of sports culture more generally in Central and Eastern Europe in terms of nationhood, politics, and corporeality. In this course, students will learn about the history and culture of sports, spectatorship, fandom, the Cold War, and Central and Eastern Europe.

Prereq: Not open to students with credit for Slavic 2365.01. GE cultures and ideas and diversity global studies course. GE theme traditions, cultures, and transformations course.

### Summer 2024 Term

#### 2797.02 Central European Study Abroad

U 3

Campus: COL LMA  
MNS MRN NWK WST

Introduction to the history, geography, and politics of Hungary and Poland. This program explores contemporary Central Europe through a historical lens, addressing questions of cultural identity, citizenship, diversity, and justice through on-site study in Budapest and Warsaw. No prior knowledge of Hungary or Poland required.

GE diversity global studies and education abroad course. GE theme citizenship for div and just wrld course.

## Speech and Hearing Science

SPHHRNG

### Summer 2024 Term

#### 6764 Evaluation and Treatment of Dysphagia in Adults and Children

G 3

The role of the speech-language pathologist in assessment and treatment of swallowing disorders in children and adults.

### Autumn 2024 Semester

#### 7844 Advanced Practicum in Communication Disorders

G 1 - 8

Advanced practicum with children and adults who have speech, language, or hearing problems.

Prereq: Grad standing in SphHrng. Repeatable to a maximum of 20 cr hrs or 5 completions. This course is graded S/U.



**Summer 2024 Term**

**8931 Cochlear Implants**

**G 3**

Cochlear implant components and functions. Patient candidacy, implant programming, and rehabilitation procedures.  
Prereq: Grad standing; or permission of instructor.

**Veterinary Medicine**

VMCOLL

**Autumn 2024 Semester**

**6615.03 Communication and Collaboration 2A**

**V 1**

Provides students with the foundational tools for effective communication and relationship building. Students will develop an appreciation for the interconnectivity of an informed and supportive community. Students will learn to communicate professionally and collaborate with others effectively in multiple modalities including verbal, written, media in both veterinary and lay terminology.  
This course is graded S/U.

**Withdraw Course**

**Education: Teaching and Learning**

EDUTL

**Autumn 2024 Semester**

**8311 Research in Emergent Literacy**

**G 3**

Current topics and issues concerning the development of literacy in young children, particularly the achievement of emergent literacy and the transition from emergent to early literacy, generally pre K through 1st grade.



## Council on Academic Affairs Approval

<b>New Program</b>	<b>Proposed By</b>	<b>Status</b>	<b>Date Approved</b>	12/6/2023
Undergraduate Certificate in Wicked Science	Department of Anthropology	Approved by CAA		
		No additional approvals necessary		

<b>New Program</b>	<b>Proposed By</b>	<b>Status</b>	<b>Date Approved</b>	12/6/2023
Animation Minor	Department of Art	Approved by CAA		
		No additional approvals necessary		

<b>New Program</b>	<b>Proposed By</b>	<b>Status</b>	<b>Date Approved</b>	12/6/2023
Certificate in Conflict and Diplomacy in History	Department of History	Approved by CAA		
		No additional approvals necessary		