

March 2026

Course Number Change

Aviation

AVIATN**Autumn 2026 Semester****2001 Aviation Seminar Course I***Previous Number: 1201***U 1**

This Aviation Seminar course will prepare students for success as students studying within the field of aviation and as aspiring aviation professionals. Students will become familiar with information, resources, and strategies that they to excel in aviation at Ohio State and to take advantage of aviation-related opportunities both within and outside of the university setting.

Prereq: Aviation major. This course is progress graded (S/U).

Autumn 2026 Semester**2002 Aviation Seminar Course II***Previous Number: 1202***U 1**

The Aviation Seminar course is a pro seminar course introducing students to the variety of careers and opportunities that exist within the aviation industry. Students will hear from industry professionals, study, and present on the different aspects of the industry, as well as learn and incorporate professional skills necessary for being a part of the industry.

Prereq: 1201 and 3300. This course is progress graded (S/U).

Business Admin

BUSADM**Autumn 2026 Semester****4510.01 Entrepreneurship: Practicum***Previous Number: 4510***U 3**

Practicum in the Entrepreneurship Minor. Application of tools and resources to real-world projects.

Prereq: BusMHR 2500 and 3510.

Portuguese

PORTGSE**Autumn 2026 Semester****1101 Portuguese I***Previous Number:
1101.01***U 4**

Development of listening, reading, speaking, and writing skills in cultural contexts. Available in classroom-based and 100% online formats. Not open to native speakers of this language through regular course enrollment or EM credit.

Prereq: Not open to students with credit for 1102.01 or 1103.01 or equiv.

Speech and Hearing Science

SPHHRNG**Autumn 2026 Semester****3330E Language Acquisition***Previous Number: 3330H***U 3**

Introduction to language acquisition in normal children.

Prereq: Honors standing, or permission of instructor. Not open to students with credit for 3330.

Women's, Gender, and Sexuality Studies

WGSST

Autumn 2026 Semester

3660 Queer Ecologies: Gender, Sexuality, & the Environment
U 3

Previous Number: 2260

Queer ecologies seek to disrupt the gendered and heterosexual assumptions embedded in how we understand the environment, nature, and bodies (human and animal). From animal studies, queer and feminist social movements for environmental justice, trans*natures, and sexual politics, Queer Ecologies will articulate a commitment to new thinking about the challenges of planetary and climate change.

Course Subject Change

Clinical Research

MCR

Summer 2026 Term

Previous Subject:
NURSING

7460 Regulatory Strategy, Writing, and Leadership
G 3

Explores regulatory strategy in new medical product development and the roles of regulatory professionals. Scholarly and technical writing skills for regulatory professionals for new product submissions and Food and Drug Administration (FDA) Advisory Panels. Principles of strategic planning, leadership, communication, and team building.
Prereq: 7770 or Phr 7770; or permission of instructor.

New Course

African American and African Studies

AFAMAST

Autumn 2026 Semester

3460 Digging in the Crates as Archival Research
U 3

This course provides a critical introduction to qualitative & cultural research methods within the field of African American & African Studies. It will focus specifically on Hip Hop culture, situating it within the larger context of African American Black music traditions. Students will explore research intent, design, methodology, format, & presentation through a Hip Hop lens.
Prereq: Not open to students with credit for Music 3460. Cross-listed in Music.

Autumn 2026 Semester

5030 Mapping Migration, Bordering, and Racial (Im)Mobility in (Eastern) Europe
U G 3

This course centers Cultural Studies, History, Legal Studies, Sociology, critical theories of migration, race and racialization to illustrate how perceptions of migrants and prejudice against them affects internal perceptions and hierarchies, transnational interactions, and even precipitates and perpetuates conflict in Europe, particularly in Eastern Europe.
Prereq: Not open to students with credit for Slavic 5030. Cross-listed in Slavic.

Anatomy

ANATOMY

Summer 2026 Term

4400 Advanced Musculoskeletal Anatomy for Undergraduates
U 3

This course aims to give students an in-depth experience of the human musculoskeletal system through advanced dissection and prosection based lab activities and musculoskeletal based topics that build on introductory level anatomy knowledge. This course will explore the musculoskeletal system with emphasis on clinical applications. This course is recommended for students in all pre-health majors.
Prereq: 2300.xx or 3300.xx; and 4300 or 5300; or permission of instructor.

Astronomy

ASTRON

Autumn 2026 Semester**2250 Foundations of Astronomical Observation and Data Analysis****U 3**

ASTRON 2250 teaches the fundamentals of observational astronomy through computational data analysis. Students learn how to process and analyze real survey data including spectra, time series data and images. The course also introduces LLM-assisted coding and emphasizes strong astronomical reasoning and computational methods.

Prereq or concur: Math 1141, 1151, 1154, 1156, 1161, 1181H, or 4181H. Not open to students with credit for 1221.

Bosnian/Croatian/Serbian**BCS****Summer 2026 Term****1198.99 Bosnian-Croatian-Serbian "On the Ground"****U 1**

Bosnian-Croatian-Montenegrin-Serbian is a mutually intelligible family of languages and dialects spoken by the over fourteen million people across the world. This course will familiarize you with some basic BCS language to help you start reading and communicating on the ground, while also familiarizing you with some basic cultural aspects of the region.

Biomedical Engineering**BIOMEDE****Autumn 2026 Semester****4710 Introduction to Machine Learning in Biomedical Engineering****U 3**

This course introduces fundamental concepts and practical applications of machine learning (ML) in the context of biomedical engineering. Students will gain experience using Python and its scientific computing libraries to analyze biomedical data, implement common ML algorithms, and interpret model outputs.

Prereq: 2700 or equivalent; or permission of instructor.

Autumn 2026 Semester**6001 ENGR Graduate Professional Development****G 1**

This course will provide graduate students with key professional skills related to their successful navigation through their degree and into their careers.

Prereq: Grad standing in Engr. This course is progress graded (S/U). Cross-listed in Engr 6000.

Business Admin: Management & Human Rsrcs**BUSMHR****Autumn 2026 Semester****7523 Future Leaders in Innovation and Entrepreneurship****G 3**

A cohort-based, entrepreneurial development program that pairs MBA students with technology-based trainees to explore the market opportunity of technology-based research. Leveraging the NSF I-Corps program, students will collaborate with technology trainees and faculty PIs in a systematic process and framework, developing and testing assumptions through customer discovery.

Chemistry**CHEM****Autumn 2026 Semester****4200 Physical Chemistry for Chemical Science I****U 3**

This course covers quantum mechanics and spectroscopy, beginning with an overview of classical mechanics and the historical origins of quantum theory. Basic quantum mechanics problems including the particle in a box, rigid rotor, harmonic oscillator, and hydrogen atom will be discussed, leading to a description of chemical bonding and modern computational molecular orbital theory (Hartree-Fock).

Prereq: 2210, 2510, 2610, 2910H, or equivalent; and Physics 1201 or 1251; and Math 1152 or 1172. Not open to students with credit for 4300 or Biochem 5721.

Autumn 2026 Semester**7610 Learning Theories in Chemical Education Research****G** 1½

This course provides opportunities for students to understand the nature of a theoretical framework and how/why it is used for chemistry education research. Throughout the course, students will discuss, reflect, expand upon, and make sense of the processes in which chemistry is taught and learned.

Autumn 2026 Semester**7640 Methods and Methodologies in chemistry education research and DBER****G** 1½

This course provides opportunities for students to understand the nature of qualitative and quantitative methodologies and how/why is it used for chemistry education research.

Civics, Law, and Leadership

CIVICLL

Autumn 2026 Semester**3212E Christianity, Government, and Law****U** 3

This course explores the interaction of Christianity with government and law from the Roman era to the present day, considering questions including: how has Christianity influenced ideas of law, civic virtue, and individual rights? Is there a connection between Christianity and governmental structures such as republicanism or monarchy? Is the United States a Christian nation, or a secular regime?

Civil Engineering

CIVILEN

Autumn 2026 Semester**6550 Soil Dynamics for Geotechnical Engineering****G** 3

This course will introduce students to fundamental concepts of seismic ground motion characterization, site effects on ground motion response, soil liquefaction behavior and modeling, and dynamic interactions of embedded structures and slopes. Soil behavior under dynamic loads from earthquakes and other processes (e.g., groundwater seepage, coastal wave loading, ground vibrations) will be covered.

Prereq: 3540; or Grad standing; or permission of instructor.

Classics

CLAS

Autumn 2026 Semester**2001 Pathways in Classics: Opening Doors to the Past, Present, and Future****U** 1

Required for Classics Majors, but welcome to all. This 1-credit course will orient students to the interdisciplinary field of Classics, and provide opportunities to explore pathways in the Classics majors and articulate skills (both academic and extra-academic) gained through studies.

This course is graded S/U.

Consumer Sciences: Hospitality Management

CSHSPMG

Autumn 2026 Semester**3731 Foodservice Management Practicum for Human Nutrition****U** 1

Application of customer service and restaurant management responsibilities in a real operating foodservice environment. Dietetics major only.

Prereq: Enrollment in Human Nutrition (Dietetics) major.

Cyber Security and Digital Trust

CYBRSEC

Autumn 2026 Semester**2301 Cyber Risk Management & AI: How to Stay One Step Ahead of the Machines**
U 3

This course explores cybersecurity risks in AI systems, teaching students to identify vulnerabilities, adversarial threats, and ethical challenges. Using the NIST AI Risk Management Framework, students learn to apply governance, interpret privacy laws, and design strategies for secure, fair, and trustworthy AI.
Prereqs: GedEd 1201 or 2601; and course in GEN Foundation: Mathematical & Quantitative Reasoning (or Data Analytics).

Dentistry **DENT****Autumn 2026 Semester****6931 Clinical Laser Dentistry Elective**
D 1

This clinical elective builds on DENT 6930 and advances fourth-year students' knowledge and skills in laser dentistry. Students gain hands-on and direct patient experience using lasers for soft- and hard-tissue procedures, with emphasis on laser physics, safety, case selection, treatment planning, technique, and evidence-based practice. Good clinical standing required.
Prereq: 6930. Repeatable to a maximum of 3 cr hrs. This course is graded S/U.

Engineering **ENGR****Summer 2026 Term****5797.29 Around the World with Disney Imagineering**
U G 4

In this study abroad embedded course, students have the opportunity to engage with Disney Imagineering at their theme parks and headquarters in various locations. This experience will explore how interdisciplinary interests can contribute to collaborative creations like Disney parks.
Repeatable to a maximum of 12 cr hrs or 3 completions.

Environment and Natural Resources **ENR****Autumn 2026 Semester****2300E Society and Natural Resources**
U 3

Introduction to interactions between humans, natural resources, and ecosystems from a social science perspective.
Prereq: Honors standing. Not open to students with credit for 2300.

Educational Studies: Learning Technologies **ESLTECH****Autumn 2026 Semester****5275 Coding Across the Curriculum**
U G 3

This course aims to introduce students to various methods for teaching coding and Computer Science within K-12 education. It will provide students with the essential skills and knowledge needed to help develop coding and Computer Science curricula in schools.

Geography **GEOG****Autumn 2026 Semester****3360 Geospatial Mapping for Aviation**
U 3

Introduces the principles and applications of geospatial analysis in air transportation. Students learn to apply GIS tools and aviation datasets to examine issues related to airport siting, climate risk, and air service development. Emphasizing spatial reasoning and data interpretation, the course connects technical analysis with economic, social, and environmental dimensions of aviation planning.
Prereq: 3350; and 2400.01 or 2400.02.

Human Development And Family Science **HDFS**

Autumn 2026 Semester**3600 Citizenship and Family Policy****U 3**

Families are influenced by policies that can either improve citizens' lives or cause harm. We will examine the supportive role of family policies and areas in which families have been adversely impacted using social science research. This course will also provide students with knowledge on how to be engaged citizens in areas of family policy in the United States and globally.

Health Information Management And Systems**HIMS****Autumn 2026 Semester****5636 Evaluation of Safety-Critical Health Information Systems****U G 3**

Students develop the ability to proficiently evaluate and mitigate the risk of use-related hazards due to health information system design and implementation in a healthcare context. Quality improvement methods, including root cause analysis, are used to retroactively investigate reported sentinel events and patient safety issues.

Prereq: Enrollment in the Usability and User Experience in Health Care (UUEH) certificate program at the Undergrad or Grad level.

Health and Rehabilitation Sciences**HTHRHSC****Autumn 2026 Semester****4560 Scarlet & Grit: Resilience and Well-Being for College Students****U 3**

This course empowers students to strengthen their resilience by developing practical skills for self-care, emotional regulation, and well-being. Through evidence-based strategies rooted in mindfulness, cognitive-behavioral approaches, and positive psychology, students will learn how to adapt to change, manage stress effectively, and cultivate habits that support academic success.

Kinesiology: Sport, Fitness, and Health Program**KNSFHP****Autumn 2026 Semester****1110 Sit Better, Move More****U 2**

This course is designed to help students address postural habits with greater ease, & to incorporate more movement into their lives. Students will learn basic anatomy & how to apply principles of the Alexander Technique and Ergonomics to support better posture. They will explore the connections between posture, breathing, movement, stress & mood, and motivational strategies for getting active. Repeatable to a maximum of 6 cr hrs or 3 completions.

Autumn 2026 Semester**1148.14 Pilates Large Equipment****U 1**

This is an activity course in which students who have taken Pilates 1 can expand their knowledge of Pilates and learn how to use and program for the Pilates large equipment, such as Reformers, Cadillacs, and Stability Chairs.

Prereq: 1148.07. Repeatable to a maximum of 3 cr hrs.

Law**LAW****Autumn 2026 Semester****6320 Well-Being, Happiness, and Lawyering****L 1**

Explores research on lawyer and law student well-being and its relationship to professionalism and performance, including discussion on systemic changes and individual strategies.

This course is graded S/U.

Autumn 2026 Semester**7115 Advanced Topics in Civil Procedure: Aggregate Federal Litigation****L 2**

This course covers advanced topics in federal civil procedure, with a focus on class actions and multidistrict litigations (MDLs).

Prereq: 6115.

Music**MUSIC****Autumn 2026 Semester****3460 Digging in the Crates as Archival Research****U 3**

This course provides a critical introduction to qualitative & cultural research methods within the field of African American & African Studies. It will focus specifically on Hip Hop culture, situating it within the larger context of African American Black music traditions. Students will explore research intent, design, methodology, format, & presentation through a Hip Hop lens.

Prereq: Not open to students with credit for AfAmASt 3460. Cross-listed in AfAmASt.

Near Eastern Languages and Cultures**NELC****Summer 2026 Term****2111 American Civic Literacy: Perspectives from Ancient Egypt****U 3**

In this course, students will engage with how understanding civic literacy from different historical periods (modern United States and ancient Egypt) contributes to the flourishing of a society that promotes civic engagement with governments at local, regional, national, and international levels through lectures, online class discussions, and written assignments.

Summer 2026 Term**3535 Ancient Economies****U 4**

Most do not realize that millions of ancient sources survive from the second and first millenniums BCE. In this course, students will read and comment on discussions and theories of ancient economies, engage in economic data collection by learning complex spreadsheet analysis, and integrate artificial intelligence (AI) into a research workflow.

Prereq: GE foundation writing and info literacy course.

Nursing**NURSING****Autumn 2026 Semester****2190 Exploration of Nursing Science and Scholarly Inquiry****U 1**

Introduces the foundations of nursing science and scholarly inquiry as essential to professional nursing practice, highlighting the role of research and evidence-based practice in improving patient outcomes. Students will examine opportunities for research engagement & advanced study, including the nursing honors research distinction program, research distinction, & clinical research roles.

Prereq: Admission to the traditional BSN, aBSN programs.

Autumn 2026 Semester**3150 Clinical Exploration and Immersion****U 3**

With an academic-practice partner collaboration, students will explore the registered nurse's role in the clinical settings to gain insight on knowledge, skills, and attitudes in transitioning to practice. Clinical settings will vary based on availability.

Prereq: 2271 and 2272; and admission to the traditional BSN program.

Autumn 2026 Semester**3895H Interprofessional Collaboration****U 3**

Incorporate the principles, competencies, and practices that support Interdisciplinary collaboration to improve health related outcomes.

Prereq: Honors standing.

Philosophy**PHILOS**

Autumn 2026 Semester**3341 Ethical Conflicts in Health Care Research, Policy, and Practice****U 3**

This course offers an interdisciplinary approach to analyzing some key moral dilemmas that have arisen in health care research, policy, and practice including: research on animals, genetic selection, and the ends of medicine.

Pharmacy**PHR****Autumn 2026 Semester****2314 Quantitative Foundations in Pharmaceutical Science****U 2**

Pharmaceutical science professionals require a strong foundation in a variety of problem-solving skills essential for clinical practice, research, decision-making, and healthcare system optimization. Students will learn and practice skills ranging from calculating medication dosages to interpreting relevant data encountered in published healthcare studies and biomedical research.

Coreq: Math 1148.

Autumn 2026 Semester**4490 Survey of AI/ML in Pharmaceutical Sciences****U 3**

This course will introduce students to basic concepts and examples of artificial intelligence (AI) and machine learning (ML) applied in the pharmaceutical sciences, particularly in development of new drug therapies, diagnosis of disease, identification of targets and biomarkers, optimal use of existing therapies, and prediction of outcomes from therapy.

Prereq: Enrollment in the BSPS program; or permission of instructor.

Autumn 2026 Semester**4800 Advances in Microbial Biotechnology****U 3**

Lecture course covering topics in applied microbial biotechnology, biocatalysis, and chemical biology. The origins of modern biotechnology, impact of microbial chemicals, and significant developments in biotechnology will be discussed.

Prereq: Grade of C- or above in MicrBio 4100; or BioChem 4511 or 5613; or PHR 3200. Cross-listed in MicrBio.

Autumn 2026 Semester**7490 Survey of AI/ML in Pharmaceutical Sciences****G P 3**

This course will introduce students to basic concepts and examples of artificial intelligence (AI) and machine learning (ML) applied in the pharmaceutical sciences, particularly in development of new drug therapies, diagnosis of disease, identification of targets and biomarkers, optimal use of existing therapies, and prediction of outcomes from therapy.

Prereq: Enrolled in a program within the College of Pharmacy.

Public Affairs, John Glenn College**PUBAFRS****Autumn 2026 Semester****6610 Analytic Frameworks for Science, Engineering, and Policy****G 3**

Introduces a number of analytic frameworks and tools that are used to address issues where science and engineering are important considerations for public policy. Complements EnvEng/PubAfrs 5600 'Science, Engineering, and Public Policy', which is a survey of the interconnectedness of science, engineering, and public policy.

Prereq: Grad standing; or permission of instructor. Cross-listed in EnvEng.

Public Health: Health Behavior & Health Promotion**PUBHHBP****Autumn 2026 Semester****5530 Practicing Public Health Communication to Communities****U G 3**

This course will familiarize students with the process for developing public health messaging for communities, from formative research through evaluation.

Prereq: 3510 or Comm 4737, and GE foundation writing and info literacy course, or GE equivalent for 3 credit hours; or enrollment in the HBHP MPH/PhD program; or permission of instructor.

Autumn 2026 Semester**7690 Executive Skills I: Professional Identity and Skills Development****G 3**

This course introduces students to the foundational aspects of professional identity and career development within the field of health administration. Through self-assessments, reflective journaling, and professional portfolio development, students will explore their strengths, values, and career aspirations. Key topics include goal setting, personal branding, business communication, & networking.

Prereq: Grad standing in the Executive Master of Health Administration program; or permission of instructor.
This course is graded S/U.

Autumn 2026 Semester**7691 Executive Skills II: Advanced Professional Growth and Skills****G 3**

Building on the foundations of Executive Skills I, this course focuses on developing advanced professional competencies essential for leadership and career advancement in health administration. Students will refine their professional portfolios, deepen their understanding of collaboration and team leadership, and enhance their executive presence.

Prereq: Grad standing in the Executive Master of Health Administration program; or permission of instructor.

Public Health**PUBHLTH****Autumn 2026 Semester****3050 Public Health Perspectives on Disease****U 3**

Exploration of infectious and noncommunicable diseases that have local, global, and historical significance in public health. This includes the biological basis of diseases, causes, risk factors, prevention, and treatment.

Prereq: Biology 1101, 1110, 1113 or 1114; or permission of instructor.

Autumn 2026 Semester**5050 Public Health Foundations of Maternal and Child Health****U G 3**

With a primary focus on the United States, this course provides a comprehensive introduction to the field of Maternal and Child Health (MCH) in the public health context. Students will explore the major health problems, foundational programs and theories, and public policy issues impacting the well-being of women and birthing people, children, and families.

Prereq: PubHHBP 3510 and GE foundation writing and info literacy course; or Grad standing; or permission of instructor.

Social Work**SOCWORK****Autumn 2026 Semester****7501 Frameworks for Effective Social Work Practice****G 3**

Provides an in-depth exploration of theoretical frameworks that form the foundation of SWK practice. Students will examine key perspectives, theories, and models, learning how to critically compare & evaluate their application across diverse practice settings. Emphasis will be placed on understanding how these frameworks inform decision-making & intervention strategies at the micro & macro levels.

Concur: 7500; or Prereq: 6201, 6301, 6401, 6501 and 6601.

Autumn 2026 Semester**7622 Intervening in Behavioral Health****G 3**

Prepares MSW students for competent, justice-informed practice across behavioral health settings. Equips students with essential knowledge to answer the real-world questions new practitioners often face, including how to navigate access to care, collaborate with system partners, and deliver recovery-oriented services. Special attention is devoted to helping students acquire applied skills.

Prereq: 6501, 7501, and 7516; or 7500, 7501, and 7516.

Spanish**SPANISH**

Summer 2026 Term**3798.30 Spain as a Global Crossroad: Exploring Spanish Cities, Past and Present****U 3**

Anchored in Madrid, this course examines how Spanish urban environments are shaped past and present by a range of economic, cultural, political, and social networks within and beyond Iberia. The course combines in-country experiential learning with academic study to explore the city's histories and contemporary transformations with particular attention to its multicultural and global dimensions. Taught in English.

Prereq: Not open to students in the Spanish Major or Minor programs.

Theatre**THEATRE****Summer 2026 Term****5405 Introduction to Themed Attraction Design****U G 3**

This course looks at the design of themed attractions, rides, and coasters by examining the professional field of themed entertainment, building skills in visual communication, and bridging the gap between the conceptual art and engineering skillsets. Students in the course will employ digital design and modeling, supplemented with 3D sculpting tools.

Veterinary Biosciences**VETBIOS****Autumn 2026 Semester****6780 Veterinary Medicine Research Rotations****G 1 - 8**

Planning of, completion of, and reflection on rotations in program faculty research laboratories in the Comparative Biomedical Sciences Graduate Program.

Prereq: Permission of instructor. Not open to students with credit for VetPrev 6780 or VetClin 6780. Repeatable to a maximum of 8 cr hrs or 3 completions. This course is progress graded (S/U). Cross-listed in VetPrev and VetClin.

Veterinary Clinical Sciences**VETCLIN****Autumn 2026 Semester****6780 Veterinary Medicine Research Rotations****G 1 - 8**

Planning of, completion of, and reflection on rotations in program faculty research laboratories in the Comparative Biomedical Sciences Graduate Program.

Prereq: Permission of instructor. Not open to students with credit for VetPrev 6780 or VetBios 6780. Repeatable to a maximum of 8 cr hrs or 3 completions. This course is progress graded (S/U). Cross-listed in VetPrev and VetBios.

Veterinary Preventive Medicine**VETPREV****Autumn 2026 Semester****6780 Veterinary Medicine Research Rotations****G 1 - 8**

Planning of, completion of, and reflection on rotations in program faculty research laboratories in the Comparative Biomedical Sciences Graduate Program.

Prereq: Permission of instructor. Not open to students with credit for VetClin 6780 or VetBios 6780. Repeatable to a maximum of 8 cr hrs or 3 completions. This course is progress graded (S/U). Cross-listed in VetBios and VetClin.

Remove from Limbo**Aerospace Engineering****AEROENG**

Autumn 2026 Semester**6645.01 Introduction to Structural Dynamics and Aeroelasticity of Aerospace Vehicles****G 4**

Fundamental Concepts of Structural Dynamics, Unsteady Aerodynamics, and Aeroelasticity of Aerospace Vehicles.

Prereq: Grad standing, or permission of instructor. Not open to students in the PMAPAE-MAA program. Not open to students with credit for 6645.02.

Civil Engineering**CIVILEN****Autumn 2026 Semester****7770 Infrastructure Systems Analysis****G 3**

Presents a systems approach to infrastructure provision and management with a focus on the uncertainty inherent to large-scale and long-lived facilities.

Prereq: Grad standing, or permission of instructor. Not open to students with credit for 777.

Kinesiology: Health and Exercise Science**KNHES****Autumn 2026 Semester****8804 Skeletal Muscle Structure, Function, and Plasticity****G 3**

Devoted to the format of a graduate seminar. You will be responsible for researching a specific topic area in the field of contemporary skeletal muscle physiology.

Prereq: Not open to students with credit for EduPAES 802.04.

Mathematics**MATH****Autumn 2026 Semester****6151 Commutative Algebra****G 3**

Prime and primary ideals; rings and modules of fractions; integral dependence; chain conditions; valuation and Dedekind domains; completions; Dimension Theory.

Prereq: 6112 (772). Not open to students with credit for 978.

Music**MUSIC****Autumn 2026 Semester****3402.55 Applied Music (Principal): Tuba****U 4**

Tuba instruction to develop professional qualities of musicianship, technique, and knowledge of music literature.

Prereq: 2201 (201). Open only to BM in Performance majors. Repeatable to a maximum of 12 cr hrs.

Autumn 2026 Semester**3403.34 Applied Music (Principal): Double Bass****U 2**

Applied double bass instruction required in the BA curriculum to develop musicianship, performance, and knowledge of music literature.

Prereq: 2201 (201). Open to BA in Music students only. Repeatable to a maximum of 12 cr hrs.

Autumn 2026 Semester**4501.91 Applied Music - Principal - Harp****U 2**

Applied harp instruction to develop musicianship, performance, and knowledge of music literature.

Prereq: 3401 (401), and enrollment in BA in Music. Repeatable to a maximum of 6 cr hrs.

Update Course**Academic Affairs****ACDAFF**

Autumn 2026 Semester

1100.07 Young Scholars Program Seminar

U 2

Workshops are designed to teach effective study strategies and engage students in personal development that fosters college success. Instructors will help students integrate resources and strategies to enhance their academic engagement and performance. Course activities will increase confidence, enhance personal awareness, and explore the social constructs that impact their college experience.

Prereq: Young Scholars Program scholarship recipient.

Agricultural, Environmental, and Dev Economics **AEDECON**

Autumn 2026 Semester

3103 Principles of Agribusiness Finance

U 3

Financial management of agribusinesses: financial system, time value of money, security valuation, capital budgeting, capital structure, portfolio analysis, financial institutions, futures and options contracts.

Prereq: 2001, 2001H, Econ 2001, or 2001H; and AEDEcon 2105 or AcctMIS 2200; and AEDEcon 2005, AnimSci 2260, ComLdr 3537, HCS 2260, Stat 1430 or 1450, or ENR 2000.

Agricultural Communication **AGRCOMM**

Autumn 2026 Semester

5530 Advanced Agricultural Communication Technology

U G 3

This course is designed to further introduce students to practices and techniques used in computer-based electronic production when preparing messages for agricultural audiences. Students will learn through hands-on experiences how to effectively use advanced electronic communication software and layout, design, and usability principles when creating online materials to reach rural audiences.

Prereq: 2531; or permission of instructor.

Anatomy **ANATOMY**

Autumn 2026 Semester

4900 Clinical Anatomy for Undergraduates

U 2

Regional study of the human body emphasizing clinical correlations and physical examination. The course is aimed at integrating previous human anatomy knowledge with clinical anatomy through lectures, lab demonstrations on prosected human donors, and hands-on clinical testing activities. This course can serve as an anatomical foundation for undergraduate students considering health professions. Recommended for students in all pre-health professions.

Components: LEC LAB

Prereq: 2300.xx, or 3300.xx; or permission of instructor.

Anthropology **ANTHROP**

Autumn 2026 Semester

3411 Environmental Anthropology: Ecological Perspectives

U 3

A study of the interactive relationships between humans and their environments, past and present, with a focus on human biology.

Autumn 2026 Semester

3623 Environmental Anthropology: Social Perspectives

U 3

Theory and ethnographic examples of human-environment interactions, focusing on the role of culture and behavior in environmental adaptation.

Prereq: 2202 or equiv, or permission of instructor. Not open to students with credit for 5623.

Art **ART**

Autumn 2026 Semester

2555 **Photo1: Introduction to Digital Photography and Contemporary Issues**

U **3**

Students will learn fundamental digital camera techniques and explore contemporary and historical issues in photography including the relationships between technique, concept, and aesthetics as well as the relationship between images, identity formation, and larger social structures.

Prereq: Not open to students with credit for 3555.

Autumn 2026 Semester

2555H **Photo 1: Introduction to Digital Photography and Contemporary Issues**

U **3**

Students will learn fundamental digital camera techniques and explore contemporary and historical issues in photography including the relationships between technique, concept, and aesthetics as well as the relationship between images, identity formation, and larger social structures.

Prereq: Honors standing, or permission of instructor. Not open to students with credit for 3555H.

Autumn 2026 Semester

3005 **Introduction to Darkroom Photography**

U **3**

Students will explore and learn analogue darkroom processes including manual 35mm camera techniques, black and white film development, and archival silver gelatin printing methods. Students will gain knowledge of historical and contemporary issues in photography and develop verbal and written language skills to critique the construction of images. Limited number of loaner film cameras available.

Prereq: 2555. Not open to students with credit for 4005.

Autumn 2026 Semester

3009 **Film/Video I**

U **3**

This course is designed as an introduction to the technologies and terminology of video production. In the class students will learn the basics of shooting and editing video as well as ways of disseminating that video after completion. Alongside that, students will learn to use a precise technical vocabulary to describe your tools and techniques.

Campus: COL LMA
MNS MRN NWK WST

Autumn 2026 Semester

4115 **Photography Studio Lighting**

U **3**

Students will gain knowledge of studio lighting equipment, the principles of light, and techniques as applied to constructed photography created predominantly in the studio environment. Students will learn color management workflow from production, post-production, and digital printing. Students will apply lighting techniques with advanced photographic concepts to create new possibilities.

Prereq: 2555. Not open to students with credit for 5115.

Autumn 2026 Semester

5215 **Social/Documentary Photography**

U G **3**

Student will engage in an advanced production course with emphasis on the conceptual frameworks underpinning the documentary tradition in historical and contemporary photography.

Prereq: 2555.

Autumn 2026 Semester

5445 **Alternative Processes in Photography**

U G **3**

Advanced production and study of antique and alternative processes in photography such as non-silver emulsions, through the creation of a cohesive body of work.

Prereq: 3005.

Autumn 2026 Semester

5995 **Imagemakers' Seminar**

U G **3**

Students expand approaches and definitions of photography in relation to the chosen topic for the semester. Topics may range from but are not limited to studies in abstraction, performance for the camera, documentary, conceptual approaches, materials and aesthetics, and the intersections of issues of identity with contemporary photographic practices.

Prereq: 3005, 3335, 4115 or 5215.

Arts and Sciences

ARTSSCI

Autumn 2026 Semester**2120 Information Search, Evaluation and Use**
U 2*Campus: COL
LMA MNS MRN
NWK*

This seven-week course will help you develop skills and habits that will allow you to responsibly find, consume, create, and share information online. Among these habits is the creation of a search strategy, critical evaluation of online sources, and the use of copyrighted materials. We hope you leave this course as an intentional, reflective, and critical consumer of information.

Aviation

AVIATN

Autumn 2026 Semester**2401 UAS Ground and Flight Operations**
U 3

This course prepares students for real-world, professional-level drone operations. Students will develop the skills required to plan, coordinate, and execute complex UAS missions in diverse operational environments. Emphasis is placed on understanding and applying FAA regulations, mission planning frameworks, and industry best practices.

Prereq: Permission of instructor.

Business Admin

BUSADM

Autumn 2026 Semester**4510.05 Entrepreneurship Practicum: Inside Startups**
U 1

Designed to introduce students to the practical realities of starting and growing a business through direct engagement with experienced entrepreneurs, operators, and startup leaders.

Repeatable to a maximum of 3 cr hrs.

Business Admin: Finance

BUSFIN

Autumn 2026 Semester**4216 Private Equity**
U 1½

Private equity funds are responsible for a large percentage of merger activity both inside and outside the U.S. The venture capital portion of the private equity industry has provided financing for most of the prominent new companies that have gone public in recent years.

Prereq: 4211 or 4211H; and 4221 or 4221H.

Business Admin: Management & Human Rsrcs

BUSMHR

Autumn 2026 Semester**4221 Concepts and Competencies for Managing People**
U 3

Application of concepts to managing oneself and others in real work situations, includes practice of behavioral skills such as delegation, persuasion and performance feedback.

Prereq: 2291 or 2292; and 3200, AcctMIS 2200, 2300, BusOBA 2320, and 2321. Not open to students with credit for 3200H.

Business Admin: Marketing & Logistics

BUSML

Autumn 2026 Semester**4258 eCommerce Digital Advertising**
U 3

Students will learn about retailer advertising networks such as those of Wal-Mart, Target, and Lowe's via Amazon's retail business platform including sponsored ads, display ads, OTT, and audio ads. They will apply this knowledge to a 'real-life' client project and deliver a recommendation presentation. Students will also complete analysis-based assignments and Amazon's certification in advertising.

Prereq: 3250. Prereq or concur: 4232 or 4233.

Autumn 2026 Semester**4246** **AI Context Engineering for Business****U** **1½**

This course builds core skills in prompt engineering for effective AI interaction. Through hands-on practice and critical analysis, students learn to design and refine prompts that solve problems, enhance AI output, and adapt to evolving tools and techniques.

Prereq: 2320 and 2321.

Chemistry**CHEM****Autumn 2026 Semester****7590** **Molecular Simulation****G** **3**

Advanced theoretical foundation and techniques for molecular dynamics and Monte Carlo simulation of condensed phases, including interaction models, dynamical foundations, equilibrium properties, biological systems, and transport coefficients.

Civil Engineering**CIVILEN****Autumn 2026 Semester****5240** **Groundwater Engineering****U G** **3**

Principles and applications of groundwater and geoenery engineering to civil, environmental and energy infrastructure planning and design.

Prereq: 3130 or equivalent; or Grad standing; or permission of instructor.

Classics**CLAS****Autumn 2026 Semester****3404** **Magic in the Ancient World****U** **3**

This course focuses on the theory and practice of magic in the ancient Mediterranean, how people viewed it, and how it survived in later epochs.

Autumn 2026 Semester**4501** **The Good Life: Ancient Ethical Philosophy****U** **3**

Explorations of ancient ethical philosophy, from Socrates to the Hellenistic schools of Epicureanism and Stoicism, including their legacy in later periods.

*Campus: COL LMA
MNS MRN NWK WST
Components: LEC*

Computer Science and Engineering**CSE****Autumn 2026 Semester****2231** **Software II: Software Development and Design****U** **4**

Data representation using hashing, search trees, and linked data structures; algorithms for sorting; using trees for language processing; component interface design; best practices in Java.

Prereq: 2221 with a C- or above. Concur: 2321. Not open to students with credit for 2231.01.

Autumn 2026 Semester**2321** **Foundations I: Discrete Structures****U** **3**

Propositional and first-order logic; basic proof techniques; graphs, trees; analysis of algorithms; asymptotic analysis; recurrence relations.

Prereq: 2122, 2123, 2124 or 2221; and Math 1151 or 1161. Concur (for students with credit for 2221); 2231.

Autumn 2026 Semester**2331 Foundations II: Data Structures and Algorithms****U 3**

Design/analysis of algorithms and data structures; divide-and-conquer; sorting and selection, search trees, hashing, graph algorithms, string matching; probabilistic analysis; randomized algorithms; NP-completeness. Prereq: 2122, 2123, 2124 or 2231; and 2321; and Stat 3460, 3470 or 3201; and enrollment in CSE, CIS, ECE, Data Analytics, Math majors or CS minor. Not open to students with credit for 5331.

Autumn 2026 Semester**2501 Social, Ethical, and Professional Issues in Computing****U 1**

Social, ethical, and professional issues facing computing professionals; ethical principles; discussion of case studies.

Prereq: 2122, 2123, or 2231; and GE writing and comm course: level 2, or GE foundation writing and info literacy course; and enrollment in CSE or CIS or DA major, or Information Security minor; or Grad standing. Not open to students with credit for 5501.

Autumn 2026 Semester**3241 Introduction to Database Systems****U 3**

Database systems use, logical design, entity-relationship model, normalization, query languages and SQL, relational algebra and calculus, object relational databases, XML, active databases; database design project.

Prereq: 2122, 2123, 2124 or 2231; and 2321, or 2111 and Math 2366; and enrollment in CSE, CIS, ISE, Data Analytics, ECE, Engr Physics, Business Info Sys majors, or CS minor. Not open to students with credit for 5241.

Autumn 2026 Semester**3430 Overview of Computer Systems For Non-Majors****U 4**

Introduction to computer architecture and organization at machine and assembly level; pointers and addressing using C programming; introduction to operating system concepts: process, memory management, file system and storage, and multi-threaded programming.

Prereq: 2122, 2123, 2124 or 2231; and 2321; and enrollment in Data Analytics major or CS minor. Not open to students with credit for 2421 or 2431. Not open to CSE/CIS majors.

Autumn 2026 Semester**4251 The UNIX Programming Environment****U 1**

Introduction to the UNIX programming environment including: shell programming (csh); regular expressions; makefiles; grep, sed, and awk programming languages.

Prereq: 2122, 2123, 2124 or 2231; and 2321; and enrollment in CSE, CIS, ECE, Engr Physics, Data Analytics major, or CS minor. This course is graded S/U.

Center for the Study and Teaching of Writing**CSTW****Autumn 2026 Semester****3002 Introduction to Project Planning and Analysis for Technical Projects****U 3**

Introduction of the essentials of project planning and analysis with an emphasis on technical communication projects. Topics include principles of user and audience analysis; assessing internal and external resources for projects, including creating budgets and schedules; determining scope via task analysis. How to create, plan, and manage projects.

Prereq: English 1110.xx or GE foundation writing and info literacy course, or equivalent.

Autumn 2026 Semester**3003 Introduction to Developing and Managing Technical Content****U 3**

Theories, strategies, and practices related to content development and management, including single-sourcing, developing metadata, and information modeling. Writing technical definitions and descriptions. The role of visual information in content management strategies, including treatment of visual communication design conventions, accessibility, information graphics, and visual identities.

Prereq: English 1110.xx or GE foundation writing and info literacy course, or equivalent.

Dentistry**DENT**

Summer 2026 Term**7500 Community Dentistry I****D** 1½

Sequential fourth-year extramural rotations where students provide care in community clinics serving underserved populations. Students complete 43 days across diverse dental settings, gaining experience in clinical care, practice models, management, leadership, insurance, and communication.

Prereq: Clinic director's approval. This course is graded S/U.

Summer 2026 Term**7501 Community Dentistry II****D** 2

Sequential fourth-year extramural rotations where students provide care in community clinics serving underserved populations. Students complete 43 days across diverse dental settings, gaining experience in clinical care, practice models, management, leadership, insurance, and communication.

Prereq: Clinic director's approval. This course is graded S/U.

Summer 2026 Term**7502 Community Dentistry III****D** 2

Sequential fourth-year extramural rotations where students provide care in community clinics serving underserved populations. Students complete 43 days across diverse dental settings, gaining experience in clinical care, practice models, management, leadership, insurance, and communication.

Prereq: Clinic director's approval. This course is graded S/U.

Design**DESIGN****Summer 2026 Term****3105 Exploring Design Thinking****U** 3

An overview of concepts, processes and modes of identifying problems and proposing effective solutions from a design-oriented perspective.

Summer 2026 Term**3305 Visualization as Thinking****U** 3

An overview of concepts, processes and modes of communicating with visual media to effectively generate design proposals.

Evolution, Ecology and Organismal Biology**EEOB****Autumn 2026 Semester****3320 Organismal Diversity****U** 3

A survey of organismal diversity and the evolutionary relationships between and within major groups of organisms. Class is laboratory based.

Prereq: 3310.

*Components: LAB***Autumn 2026 Semester****4510 Comparative Vertebrate Anatomy****U** 3

Evolutionary trends within vertebrates will be revealed through a study of anatomical homology across representative taxa. Concepts will be expanded upon as students explore the hands-on methods of comparative anatomical study, including dissection and skeletal staining.

Prereq: 2 courses in Biological Sciences.

*Components: LAB***Engineering****ENGR****Autumn 2026 Semester****6000 ENGR Graduate Professional Development****G** 1

This course will provide graduate students with key professional skills related to their successful navigation through their degree and into their careers.

Prereq: Grad standing in Engr. This course is progress graded (S/U). Cross-listed in BiomedE 6001.

Environment and Natural Resources

ENR

Autumn 2026 Semester

2300 **Society and Natural Resources**
U **3**

Introduction to interactions between humans, natural resources, and ecosystems from a social science perspective.

Prereq: Not open to students with credit for 2300E.

Environmental Engineering

ENVENG

Autumn 2026 Semester

6610 **Analytic Frameworks for Analysis of Science, Engineering, and Policy**
G **3**

Introduces a number of analytic frameworks and tools that are used to address issues where science and engineering are important considerations for public policy. Complements EnvEng/PubAfrs 5600 'Science, Engineering, and Public Policy', which is a survey of the interconnectedness of science, engineering, and public policy.

Prereq: Grad standing; or permission of instructor. Cross-listed in PubAfrs.

Educational Studies: Learning Technologies

ESLTECH

Summer 2026 Term

5123 **Artificial Intelligence and Education: Issues and Practices**
U G **3**

Explore the intersection of artificial intelligence (AI) and education in this course designed to examine how AI technologies are reshaping teaching, learning, and educational practices.

Educational Studies: Special Education

ESSPED

Autumn 2026 Semester

5742 **Concepts and Principles of Applied Behavior Analysis**
U G **3**

Study of principles of behavior for the development and maintenance of academic and social behaviors.

Autumn 2026 Semester

8191 **BCBA Supervised Field Experience**
G **3**

This course is designed to provide students seeking BCBA certification with the required experiences in applied behavior analysis in school and clinical settings.

Prereq: Admission to graduate program in Special Education (either MA or PhD level). Repeatable to a maximum of 12 cr hrs. This course is graded S/U.

Autumn 2026 Semester

8400 **Behavioral Interventions in Special Education**
G **3**

The purpose of this course is to equip practitioners with the knowledge and skills needed to effectively and efficiently produce successful outcomes for individuals with disabilities or who struggle with learning.

Prereq: 8200, or permission of instructor.

General Education

GENED

Autumn 2026 Semester

4001 **GE Reflection Seminar**
U **1**

This course is the second GE Bookend class. The Reflection seminar 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 have attained.

Prereq: Senior standing; and 1201. Repeatable to a maximum of 2 cr hrs. This course is graded S/U.

Autumn 2026 Semester

5652 Data Analysis and Parameter Estimation for GeosciencesU G **4**

Students will develop skills to read computer files, pre-process observational data, and implement least squares inverse problems and related statistical tools for real-world problem solving. The course emphasizes both theoretical understanding and practical application through hands-on laboratory exercises using industry-standard software.

Prereq: Math 1172, or equiv.

Health Information Management And Systems

Autumn 2026 Semester

4645 Leadership and Professional Development in Health Information ManagementU **3**

The course addresses the practical aspects of leading and managing people and functions within a business unit or department to ensure efficient, effective and quality-oriented operations. Focus on theories and practical tools related to leadership and management, and personal and professional self-development. Emphasis on health-related professions.

Prereq: Enrollment in the HIMS program; or permission of instructor.

History of Art

Autumn 2026 Semester

5641 PostmodernismU G **3**

Exploration of the central issues in the claim to the emergence of a distinctly "postmodern" art in the last part of the 20th century.

Autumn 2026 Semester

5906 Experiments in Film and Media TheoryU G **3**

Investigation of different approaches to theorizing film and other moving image media, including formalist and realist film theories, as well as theories centered around relationships between screens, perception and the human body.

History

Autumn 2026 Semester

2240 Elizabethan EnglandU **3**

Queen Elizabeth inherited a realm on the brink, torn by religious, economic, and political crises. By her death, she had forged stability, defeated the Spanish Armada, and presided over a cultural renaissance. This course explores an era of Shakespeare and spies, witch hunts and explorers, plague and pageantry?where ordinary people navigated the perils and possibilities of a contradictory age.

Autumn 2026 Semester

2352 The Ottoman Empire, 1300-1922U **3**

Studies the Ottoman Empire from the 13th to early 20th century, with an emphasis on the conquest of Istanbul, the consolidation of the borders of the empire, the establishment of the state apparatus in the classical period, a period of turbulence leading to a substantial transformation of the state in the early 19th century, and finally the empire's dissolution in the aftermath of WWI.

Prereq: Not open to students with credit for 3356.

Autumn 2026 Semester

3041 American Labor HistoryU **3**

Evolution of working-class life, culture, politics, and trade unionism in America from the late 18th century to the present.

Campus: COL LMA
MNS MRN NWK WST

Autumn 2026 Semester

1891 Eminence First Year Seminar

U 1

This seminar offers new Stamps Eminence Scholars a venue to foster a sense of community and enhance resilience. Key objectives include promoting academic achievement and resilience, deepening knowledge of the Columbus community through research and service project planning, and cultivating an understanding of the importance of connection, collaboration, and engagement.

Prereq: First-year student in the Stamps Eminence Scholarship Program. This course is graded S/U.

Autumn 2026 Semester

1892 Eminence Second Year Seminar

U 1

Stamps Eminence Scholars focus on desired outcomes for their personal and professional futures. With an eye on a moldable future, students will engage in active reflection and work to evaluate their network of resources. Students will actively engage in career path exploration and produce a professional development plan (PDP).

Prereq: Second-year student in the Eminence Fellows Program. This course is graded S/U.

Kinesiology: Sport, Fitness, and Health Program

Autumn 2026 Semester

1137 Sport for the Spectator

U 2

Examine sport from the spectator's view, exploring how games, events, and fandom reveal broader social and cultural dynamics.

Kinesiology: Sport Industry, Sport Management

Autumn 2026 Semester

5626 Sport and Popular Culture

U G 3

Examines popular culture's influence on sport and sport as expression of popular culture.

Prereq: Jr standing or above.

Law

Autumn 2026 Semester

7229 Health Care Compliance

G L 3

This course provides a practical approach to understanding the key elements of modern health care compliance programs. Upon completion of this course, students will have developed a practical understanding of how to establish & implement a health care compliance program, including practical skills in developing policies & procedures, providing compliance education & training, & managing audits.

Autumn 2026 Semester

7815 Introduction to Intellectual Property

G L 2 - 3

An introduction to the various forms of intellectual property law.

Prereq: Not open to students with credit for Law 7800, 7803 or 7809.

Autumn 2026 Semester

8189.09 Entrepreneurial Business Law Clinic

L 4

This clinic allows students to represent entrepreneurs and emerging businesses in need of transactional legal assistance.

Autumn 2026 Semester

8303 Immigration Law

L 3 - 4

Law concerning persons who want to come to the United States on a temporary or permanent basis.

Autumn 2026 Semester**8310 Energy Law****L 3 - 4**

An introduction to domestic energy law, focusing on the legislative and regulatory framework for electricity and the challenges associated with diversification of energy sources.

Autumn 2026 Semester**8525 Introduction to the US Legal System****G 3**

This foundational course in the Master in the Study of Law (MSL) provides an introduction to the US legal system, including legal methodology and reasoning, sources of law, the adversary system, the legal profession, and the court system.

Prereq: Not open to students enrolled in JD or LLM programs.

Autumn 2026 Semester**8530 Financial Services Compliance****G 2 - 3**

This course helps students understand the laws, regulations, and policies covering financial services compliance, including money laundering, data protection, SEC filings, and whistleblowing.

Prereq or concur: Regulatory Compliance. Not open to students enrolled in JD and LLM programs.

Autumn 2026 Semester**8535 Introduction to Tech and IP Transactions****G 2 - 3**

This course provides an overview of the types of tech and IP contracts, including basics on copyright, patents, trademark, trade secrets in these contracts, tech and IP issues in mergers and acquisitions, and important contract provisions for the procurement and provision of technology.

Autumn 2026 Semester**8540 HR Compliance****G 3**

This MSL course introduces key compliance legislation relevant to U.S. workplaces along with the fundamental legal requirements for managing employees.

Prereq: Not open to JD students.

Autumn 2026 Semester**8550 MSL Legal Research and Writing****G 3**

This foundational course in the Master in the Study of Law (MSL) provides an introduction to legal research, legal reasoning, and legal communication for non-lawyers.

Prereq: Not open to students enrolled in JD or LLM programs.

Linguistics**LING****Autumn 2026 Semester****3191 Internship in Linguistics****U 1 - 3**

Intensive experience in linguistics as a research assistant on a faculty research project or as an intern at a linguistics-related business or organization.

Prereq: 2000 or 2000H; and at least 3 additional courses in Ling. Repeatable to a maximum of 10 cr hrs or 8 completions. This course is graded S/U.

Medical Laboratory Science**MEDLBS****Autumn 2026 Semester****4050 Medical Laboratory Science Hematology****U 5**

MedLbS 4050 introduces the student to the theory and application of clinical laboratory procedures used to identify and evaluate the formed elements of the blood and hemostatic mechanisms in health and disease.

Prereq: Admission to Medical Laboratory Science online MLT Articulation Program or Medical Laboratory Science minor Program; or permission of instructor. Not open to students with credit for MEDLBS 5050.

Autumn 2026 Semester

4100 Medical Laboratory Science Special Microbiology

U 3

Introduce medical mycology, parasitology, and virology in the aspects of fundamental epidemiology, disease transmission routes, clinical correlation of microbial diseases, as well as diagnostic tests to identify commonly encountered and clinically important viruses, fungi and parasites.

Prereq: Admission to Medical Laboratory Science online MLT Articulation Program or Medical Laboratory Science minor Program, or permission of instructor. Not open to students with credit for 5100.

Autumn 2026 Semester

4250 Medical Laboratory Immunohematology

U 4

Theory and practice of blood banking and transfusion medicine.

Prereq: 4050 or 5050; and 4200 or 5200; and admission to the Medical Laboratory Science online MLT Articulation Program or Medical Laboratory Science Minor program; or permission of instructor. Not open to students with credit for 5250.

Autumn 2026 Semester

4300 Medical Laboratory Clinical Chemistry

U 5

This course will cover the biochemical basis for diseases commonly diagnosed or monitored using tests performed in the clinical chemistry laboratory. The basics of the methods used to perform the tests will be discussed as well as their interpretation. Techniques used to evaluate the validity of testing will be covered.

Prereq: Chem 1206, 1208, 1210 or above, and Biochem 2210 or above, and admission to the Medical Laboratory Science online MLT Articulation program; or Chem 1206, 1208 or 1210 and Chem 1220, and admission to the Medical Laboratory Science Minor program; or permission of instructor. Not open to students with credit for 5300.

Autumn 2026 Semester

4400 Introduction to the Medical Laboratory Environment

U 1

An introduction to the basic principles and safety in the clinical laboratory environment.

Prereq: Admission to Medical Laboratory Science program, Coordinated Graduate program, or Medical Laboratory Science post-baccalaureate certificate program; or permission of instructor. Concur: 4405.

Autumn 2026 Semester

4405 Introduction to the Medical Laboratory Environment Laboratory

U 1

An introduction to the practice of basic principles and safety in the clinical laboratory environment.

Prereq: Admission to Medical Laboratory Science program, Coordinated Graduate program, or Medical Laboratory Science post-baccalaureate certificate program; or permission of instructor. Concur: 4400.

Autumn 2026 Semester

4500 Phlebotomy

U 1

The principles and procedures of sample collection as it relates to clinical laboratory testing. In this course, no blood will be drawn.

Prereq: Admission to Medical Laboratory Science Certification, Coordinated Graduate, Post-baccalaureate certification or Medical Laboratory Science minor program; or permission of instructor.

Autumn 2026 Semester

4505 Phlebotomy Laboratory

U 1

The practice of sample collection for the clinical laboratory.

Prereq: Admission to Medical Laboratory Science program, Coordinated Graduate program, or Medical Laboratory Science post-baccalaureate certificate program; or permission of instructor. Concur: 4500.

Autumn 2026 Semester

4700 Molecular Techniques in Medical Laboratory Science

U 3

Theory and clinical applications of molecular techniques used in medical laboratory science.

Prereq: Admission to Medical Laboratory Science online MLT Articulation Program; or permission of instructor. Not open to students with credit for 5400.

Autumn 2026 Semester**5089 Clinical Practice in Medical Laboratory Science****U G 1 - 10**

Application of medical laboratory technique under supervision in clinical laboratories or other non-hospital laboratory settings.

Prereq: 5250, 5255, 5300, 5305 and 5400; and admission to Medical Laboratory Science program, Coordinated Graduate program, or Post-baccalaureate certification program. Repeatable to a maximum of 15 cr hrs or 3 completions. This course is graded S/U.

Autumn 2026 Semester**5250 Medical Laboratory Immunohematology****U G 4**

The theory and practice of blood banking and transfusion medicine.

Prereq: 4050 or 5050; and 4200 or 5200; and admission to Medical Laboratory Science program, Coordinated Graduate program, Post-baccalaureate certification program, in-person MLT Articulation program or Medical Laboratory Science Minor program; or permission of instructor. Not open to students with credit for 4250.

Autumn 2026 Semester**5305 Medical Laboratory Chemistry Laboratory****U G 2**

Applications of theory in quality control, method selection and evaluation, and diagnostic techniques in the clinical chemistry.

Prereq: 4405; and admission to Medical Laboratory Science Certification, Coordinated Graduate, or Post-baccalaureate certification program; or permission of instructor.

Autumn 2026 Semester**5400 Molecular Techniques in Medical Laboratory Science****U G 2**

Provides the student an opportunity to understand and apply basic molecular biology concepts to perform, evaluate and interpret molecular diagnostic tests used for diagnosis of human disease.

Prereq: Admission to Medical Laboratory Science Certification, Non-certification (Medical Science), Coordinated Graduate, Post-baccalaureate certification, or in-person MLT Articulation program; or permission of instructor. Not open to students with credit for 4700.

Military Science**MILSCI****Autumn 2026 Semester****1101 Introduction to the Army and Critical Thinking****U 1**

*Campus: COL LMA
MNS MRN NWK*

Introduction to the personal challenges and competencies that are critical for effective leadership. Students learn how developing time and stress management skills, and physical fitness relate to leadership and the Army Profession. No military obligation is required. This course is open to all OSU students.

Prereq: All Cadets enrolled in a Military Science course must have a physician complete a Department of the Army DA Form 345-R, Medical Fitness Statement for Enrollment in Basic Course, Senior ROTC, in order to participate in any Army ROTC physical activity including: marching, laboratory, and field training exercises. Repeatable to a maximum of 3 cr hrs.

Music**MUSIC****Autumn 2026 Semester****3373 Music for Special Education Teachers****U 2**

Music literature and teaching strategies for exceptional children, including singing, rhythmic, creative, and listening experiences.

Prereq: Jr or Sr standing; and enrollment in Special Education major or Music Therapy major.

Occupational Therapy**OCCTHER**

Summer 2026 Term

7920 Evidenced Based Practice 3: Systematic Review and Clinical Guideline Development

G 2

The goal of this course is for students to develop skills in using principles of evidence-based practice to develop clinical pathways that guide evaluation and intervention for individual and/or diagnostic groups through systematic review and synthesis of evidence.

Prereq: Admission to the Clinical Doctorate in Occupational Therapy program.

Pharmacy

PHR

Autumn 2026 Semester

1100 Pharmaceutical Sciences Survey

U 1

Introduction to the University, strategies for student success, academic programs, opportunities in the pharmaceutical sciences and practice, and contemporary issues.

Prereq: Enrollment restricted to students in the BSPS program, or permission of instructor.

Campus: COL NWK

Components: LEC

Autumn 2026 Semester

2100 Career Development in Pharmaceutical Sciences I

U 1/2

This class introduces students to diverse careers in the field of pharmaceutical & health sciences. Students will be grouped based on their career interests, & will work with their instructor/peers to gain knowledge on various career paths. Students will engage with guest speakers & will come away with a sense of their options and a critical understanding of career and professional development.

Prereq: Enrollment in the BSPS program, or permission of instructor.

Campus: COL NWK

Autumn 2026 Semester

2500 Drug Discovery, Development and Delivery

U 3

Provides a comprehensive overview of the drug discovery, development, and delivery process within the U.S. healthcare system, exploring the roles of vested stakeholders (e.g., patients, pharmaceutical industry, providers, insurers, society, etc.) during a drug's "bench to bedside" development including its post-development place in therapy.

Campus: COL NWK

Autumn 2026 Semester

4180H Drug Discovery in the Central Nervous System

U 2

Exploration of the drug discovery process for new drugs that work in the Central Nervous System (CNS) via in-person student-driven small-group discussion of current primary literature.

Autumn 2026 Semester

7180 Drug Discovery in the Central Nervous System

P 2

Exploration of the drug discovery process for new drugs that work in the Central Nervous System (CNS) via in-person student-driven small-group discussion of current primary literature.

Prereq: Grad standing, enrollment in PharmD program, or permission of instructor. Not open to students with credit for 8720.

Autumn 2026 Semester

7290 IPCaL Teaching Assistant Experience

P 2

Enrolled students will serve as teaching assistants in the P1 Integrated Patient Care Laboratory (IPCaL) course. Each student will be assigned to one section of IPCaL during which they will assist the faculty and lab team with various activities. In addition to teaching assistant duties, students will also be expected to attend once-weekly lab meetings.

Prereq: Third-year (P3) standing in the PharmD program. This course is graded S/U.

Physics

PHYSICS

Autumn 2026 Semester**5800 Engineering Physics Design I****U G 3**

Presents fundamentals of engineering-physics design and leads to skills development relevant to a specific design proposal. Technical communication skills, both written and oral, are employed throughout.

Prereq: 2301; and Sr standing in Engineering Physics.

Physiology and Cell Biology**PHYSIO****Autumn 2026 Semester****3200 Human Physiology****U 5**

Teaches the physiology of human organ systems, including the following: nervous system, muscle, gastrointestinal, cardiovascular, respiratory, renal, endocrine, and reproductive systems. This course is designed for students who are planning careers in the health sciences. This is a one-semester course.

Prereq: 6 credits total consisting of Biology, Chemistry, Organic Chemistry, Biochemistry; or Anatomy 2300 or Anatomy 3300.

Polish**POLISH****Autumn 2026 Semester****1103 Intermediate Polish I****U 4**

Continued development of speaking, listening, reading, and writing skills in cultural context. Closed to native speakers of this language.

Prereq: 1102 or Polish Placement Level 7.

Psychology**PSYCH****Autumn 2026 Semester****3191 Internship in Psychology****U 1 - 12**

*Campus: LMA
MNS MRN NWK*

Provides psychology majors with an opportunity to intern in a professional setting to integrate academic knowledge with experience in the world of work. Maximum 3 credit hours may be applied to the undergraduate Psychology major.

Prereq: 1100 or 1100H, and GPA 2.8 or above, and enrollment in Psych, and permission of instructor.

Repeatable to a maximum of 16 cr hrs or 4 completions. This course is graded S/U.

Romanian**ROMANIA****Autumn 2026 Semester****1102 Elementary Romanian II****U 4**

Continued development of speaking, listening, reading, and writing skills in cultural context. Closed to native speakers of this language.

Prereq: 1101 or Romanian Placement Level 8.

Autumn 2026 Semester**1103 Intermediate Romanian I****U 4**

Continued development of speaking, listening, reading, and writing skills in cultural context. Closed to native speakers of this language.

Prereq: 1102 or Romanian Placement Level 7.

Autumn 2026 Semester**2104 Intermediate Romanian II****U 4**

Increasing functional ability in speaking, listening, reading, and writing practice; vocabulary-building; new grammar structures; start developing higher-level language skills in Romanian. Not open to native speakers of this language through regular course enrollment or EM credit.

Prereq: 1103, Romanian Seal of Biliteracy or Romanian Placement Level 6.

Summer 2026 Term**1103.51 Intermediate Russian I (Self-Paced)****U 1 - 4**

Continued development of speaking, listening, reading, and writing skills in cultural context. Students register for 1-4 cr hrs during sem. Progress is sequential from one cr hr to the next. 80% is required to advance. Not open to native speakers of this language through regular course enrollment or EM credit.

Prereq: 1102.01, or 4 cr hrs of 1102.51 or 1102.61, or Russian Placement Level 7. Not open to students with credit for 1103.01 or 1133, or 4 cr hrs of 1103.51 or 1103.61. Repeatable to a maximum of 4 cr hrs or 4 completions.

Summer 2026 Term**1103.61 Intermediate Russian I (Self-Paced/Individualized Distance Learning)****U 1 - 4**

Continued development of speaking, listening, reading, and writing skills in cultural context. Not open to native speakers of this language through regular course enrollment or EM credit.

Prereq: 1102.01, or 4 cr hrs of 1102.51 or 1102.61 or Russian Placement Level 7. Not open to students with credit for 1103.01 or 1133, or 4 cr hrs of 1103.51 or 1103.61. Repeatable to a maximum of 4 cr hrs.

Summer 2026 Term**2104.01 Intermediate Russian II (Classroom Track)****U 4**

Increasing functional ability in speaking, listening, reading, and writing practice, vocabulary-building; new grammar structures; start developing higher-level language skills in Russian. Not open to native speakers of this language through regular course enrollment or EM credit.

Prereq: 1103.01, or 4 cr hrs of 1103.51 or 1103.61, Russian Seal of Biliteracy or Russian Placement Level 6. Not open to students with credit for 2104.51, 2104.61, or 2144.

Summer 2026 Term**2104.51 Intermediate Russian II (Self-Paced)****U 1 - 4**

Increasing ability in speaking, listening, reading, and writing; vocabulary-building; new grammar; developing higher skills. Students register for 1-4 cr hrs during sem. Progress is sequential from one cr hr to next. 80% is required to advance. Not open to native speakers of this language through regular course enrollment or EM credit.

Prereq: 1103.01, or 4 cr hrs of 1103.51 or 1103.61, Russian Seal of Biliteracy or Russian Placement Level 6. Not open to students with credit for 2104.01, 2104.61 or 2144. Repeatable to a maximum of 4 cr hrs or 4 completions.

Summer 2026 Term**2104.61 Intermediate Russian II (Self-paced/Individualized Distance Learning)****U 1 - 4**

Increasing functional ability in speaking, listening, reading, and writing practice, vocabulary-building; new grammar structures; start developing higher-level language skills in Russian.

Prereq: 1103.01, or 4 cr hrs of 1103.51 or 1103.61, Russian Seal of Biliteracy, or Russian Placement Level 6. Not open to students with credit for 2104.01, 2104.51, or 2144. Repeatable to a maximum of 4 cr hrs or 4 completions.

Slavic Languages and Literatures**Autumn 2026 Semester****5030 Mapping Migration, Bordering, and Racial (Im)Mobility in (Eastern) Europe****U G 3**

This course centers Cultural Studies, History, Legal Studies, Sociology, critical theories of migration, race and racialization to illustrate how perceptions of migrants and prejudice against them affects internal perceptions and hierarchies, transnational interactions, and even precipitates and perpetuates conflict in Europe, particularly in Eastern Europe.

Prereq: Not open to students with credit for AfAmASt 5030. Cross-listed in AfAmASt.

Statistics

Autumn 2026 Semester**1450.02 Introduction to the Practice of Statistics****U 3***Campus: COL LMA
MNS MRN NWK WST*

Algebra-based introduction to data analysis, experimental design, sampling, probability, inference, and linear regression. Emphasis on applications, statistical reasoning, and data analysis using statistical software. Offered online.

Prereq: Math 1116 or 1130 or above, or Math Placement Level L or M, or permission of instructor. Not open to students with credit for 1450, 1450.01, 2450, 2450.01, 2450.02, 2480, 2480.01, or 2480.02.

Ukrainian**UKRAIN****Autumn 2026 Semester****1102 Elementary Ukrainian II****U 4**

In this course you will continue to learn the basic skills necessary for communication in Ukrainian (speaking, listening, reading, and writing). By the end of this course, you will be able to carry on basic conversations, write notes and simple letters, read basic texts, and become a skilled language learner.

Prereq: 1101 or Ukrainian Placement Level 8.

Autumn 2026 Semester**1103 Intermediate Ukrainian I****U 4**

In this course you will learn skills at an intermediate level necessary for communication in Ukrainian (speaking, listening, reading, and writing). In addition to becoming a proficient speaker of Ukrainian, we hope that you will become a skilled language learner and develop a curiosity about and love for Slavic cultures.

Prereq: 1102 or Ukrainian Placement Level 7.

Autumn 2026 Semester**2104 Intermediate Ukrainian II****U 4**

In this course you will have the opportunity to take control of your language learning and develop greater language proficiency. Classroom activities will help you become acquainted with more sophisticated grammar and vocabulary. However, dedicated study outside class will be what most helps you master language concepts and increase your ease of speaking, listening, writing, and comprehending.

Prereq: 1103, Ukrainian Seal of Bilingualism or Ukrainian Placement Level 6.

Welding Engineering**WELDENG****Autumn 2026 Semester****7102 Welding Metallurgy II****G 4**

Addresses the welding metallurgy and weldability principles associated with stainless steels, and nickel-base, aluminum-base, and titanium-base alloys. Includes laboratory.

Prereq: 7101 or 4101; and Grad standing; or permission of instructor. Not eligible for students with credit for 4102.

*Components: LEC LAB***Women's, Gender, and Sexuality Studies****WGSST****Autumn 2026 Semester****3101 Food & Gender****U 3***Campus: COL LMA
MNS MRN NWK WST*

If you are what you eat, then food is a means for understanding gender, environment, culture, society, race, and socioeconomic class. This class explores feminist studies of food. By thinking through food, we explore such topics as vegetarianism, diets, pleasure, farming, hunger, fat studies, boycotts, eating disorders, waste, and culinary heritage. This class is literally food for thought.

Withdraw Course**Spanish****SPANISH**

Summer 2026 Term

2798.30 Madrid in the World, the World in Madrid: The Spanish Capital as a Global City, Past and Present

U 3

This interdisciplinary Global May course offered with the Office of International Affairs (OIA) introduces students to the multicultural and global history of the city of Madrid, Spain through readings and films, site visits, and lectures by local scholars and residents. Enrollment in course contingent on acceptance to the program through OIA.



Council on Academic Affairs Approval

New Program	Proposed By	Status	Date Approved	3/25/2026
Civics, Law and Leadership major	Chase Center for Civics, Culture, and Society	Approved by CAA		
		No additional approval necessary		

New Program	Proposed By	Status	Date Approved	3/25/2026
Nursing Leadership and Strategy in Healthcare in the Master of Science in Nursing program	College of Nursing	Approved by CAA		
		No additional approval necessary		