



June 2026

Course Number Change

Occupational Therapy

OCCTHER

Autumn 2026 Semester

6510 Experiential Learning

Previous Number: 6510S

G 1

Prepares graduate OT students to engage in meaningful, therapeutic conversations with older adults while learning about services available in communities. Emphasis is placed on developing communication skills that foster trust, uncover client values, and support occupational engagement using the Occupational Profile.
Prereq: Enrollment in the Doctorate in Occupational Therapy program. This course is graded S/U.

Public Affairs, John Glenn College

PUBAFRS

Autumn 2026 Semester

5571 Multivariate Regression Analysis

Previous Number: 7571

U G 3

An applied course in regression analysis. Through hands-on exercises both inside and outside of class, students will use multiple regression to make predictions and test hypotheses to help inform policy analysis. Broad topics include model fitting, regression diagnostics, limited dependent variables, and some panel data. Emphasis is also placed on issues confronted when working with real data.
Grad Prereq: PubAfrs 6070; or equivalent introductory Stat course. Undergrad Prereq: Stat 1350 or above, or equivalent.

Course Subject Change

Teaching and Learning Critical and Transformative

TLCTE

Spring 2027 Semester

8617 Topics in Educational Linguistics

Previous Subject: EDUTL

G 3

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

New Course

African American and African Studies

AFAMAST

Autumn 2026 Semester

7505 Introduction to U.S. Carceral Studies

G 3

?Carceral Studies? is a reading- and discussion-intensive graduate seminar on policing, prisons, and other carceral systems, as well as the criminal underclasses who navigate, resist, and grapple with said systems. It lends particular interest to the ways that carcerality interacts with structures of race, gender, and class.

Arts and Sciences

ARTSSCI

Autumn 2026 Semester

2100 Core Concepts in Computational Social Sciences

U 3

This course will provide students with an introduction to the field, with practical applications for society and business and theoretical insights into the behavior of human social systems.

Autumn 2026 Semester

2500 Methods and Theory in Computational Social Science I

U 3

Introduces students to key formalisms & applied computational, mathematical, and statistical tools used in the field of computational social science, w/ particular emphasis on how they relate to theory and research in the social sciences. Topics include scientific method, research design, structured & unstructured data, programming, statistics, modeling social processes, and using algorithms.

Prereq: 2100.

Autumn 2026 Semester

3100 Social Theory-Guided Computational Social Science

U 3

Gives students an opportunity to practice combining social science theory with data science methods to conduct research. Provides the opportunity to generate hypotheses based on theories from the social sciences and test them by applying computational and statistical tools.

Prereq: 2100 and Stat 2450.xx; or permission of instructor.

Autumn 2026 Semester

3500 Methods and Theory in Computational Social Science II

U 3

This course focuses on non-linear outcomes and processes and introduces students to nested data structures and corresponding methodological issues. While these foci build on foundational information from CSS 2500, these topics are unique to this course.

Prereq: 3100 and Stat 2450.xx; or permission of instructor.

Atmospheric Sciences

ATMOSSC

Autumn 2026 Semester

4981 Capstone in Atmospheric Sciences

U 2

This senior-level capstone course combines soft-skills and career readiness topics with the development of a final project representative of scientific inquiry and synthesis of knowledge acquired over the student's academic career. Capstone to be taken the final Autumn semester prior to graduation for Atmospheric Sciences majors.

Prereq: Sr standing; and enrolled in the Atmospheric Sciences major program.

Business Admin

BUSADM

Autumn 2026 Semester

2801 Foundations of Tech Innovation I

U 6

Develops students' capabilities in opportunity discovery and business model validation through structured modules that mirror early-stage technology venture development.

Prereq: Soph standing; and admitted to the technology innovation specialization.

Autumn 2026 Semester

2802 Foundations of Tech Innovation II

U 6

Develops students' product development and market execution capabilities through structured modules that mirror growth-stage technology venture operations.

Prereq: 2801.

Civics, Law, and Leadership

CIVICLL

Autumn 2026 Semester**2250 The Soul and the City: The Battle Over Human Nature****U 3**

This course explore the relationship between human nature and civic order. What picture of the human person does a good society presuppose? We begin with key statements from the history of philosophy (e.g., Plato, Aquinas, Descartes), and then consider contemporary debates about personhood, biology, scientism, and social life (e.g., Richard Dawkins, Mary Midgley, Roger Scruton).

Autumn 2026 Semester**3215E Science, Health, and the Good Life****U 3**

In this course students survey classic and contemporary works of history, philosophy, religion, art, and literature that address the purposes of science, the meaning of health and wellbeing, and contemporary problems related to science, medicine, and technology.

Autumn 2026 Semester**4450 The Ohio Constitution****U 3**

This course explores selected topics on the Ohio Constitution. We will consider why state constitutions matter, explore the Ohio Constitution as an independent source of protection of individual rights than the federal Constitution, discuss current approaches to litigating constitutional questions and examine the process for amending the Ohio Constitution.

Computing Education**COMPEDU****Spring 2027 Semester****5194 Group Studies in Computing Education****U G 1 - 4**

Group Studies course for undergraduate/graduate students.
Repeatable to a maximum of 9 cr hrs or 4 completions.

Autumn 2026 Semester**6194 Group Studies in Computing Education****G 1 - 4**

Group Studies course for graduate students.
Repeatable to a maximum of 9 cr hrs or 4 completions.

Consumer Sciences: Hospitality Management**CSHSPMG****Autumn 2026 Semester****2240 Power, Culture, and Belonging in Organizational Systems and the Workplace****U 3**

This course examines how race, ethnicity, gender, and intersecting identities shape organizational systems, workplace culture, and professional experiences across industries. Students analyze how systems of power influence opportunity, leadership, and belonging, and apply these concepts to real-world workplace contexts.

Dental Hygiene**DENTHYG****Autumn 2026 Semester****5995 Scholarly Writing for Evidence-Based Dental Hygiene Practice & Education****U G 3**

This course will break down the fundamentals of the scholarly writing process in academic oral health and help students develop their writing and synthesis skills on topics relevant to dental hygiene. Students will progressively develop a narrative review manuscript on a topic relevant to oral health professions education or practice for publication in a peer reviewed journal.

Electrical and Computer Engineering**ECE**

Autumn 2026 Semester

5024 Introduction to Hardware Security

U G 3

Security and trust of hardware systems, cryptography principles, security primitives, counterfeiting activities, side channel attacks and mitigations.

Prereq: 3020; or Grad standing in Engineering; or permission of instructor.

Spring 2027 Semester

6561 Beyond the Cloud: Mobile Edge Computing for Smart Applications

G U 3

Explore advanced algorithms powering augmented reality, robotics, and real-time vision. Build expertise for breakthrough research and industry innovation in intelligent systems.

Prereq: 5362; or Grad standing in Engineering.

Evolution, Ecology and Organismal Biology

EEOB

Spring 2027 Semester

3310.03 Evolution

U 4

This course surveys the many processes that underlie biological evolution and illustrates the patterns they generate, with a focus on adaptation, types of selection, population genetics, species interactions and biodiversity.

Prereq: Biology 1114 or equivalent.

Film Studies

FILMSTD

Autumn 2026 Semester

3150 Dark Comedy and Global Cinema

U 3

Students will explore the genre of black comedy or dark comedy in cinema and how it has been used to construct national and cultural identities. Students will learn about the historical, political, and social contexts that inform the genre writ large, and its specific deployment in cinema as it pertains to questions of citizenship and social justice.

Autumn 2026 Semester

3550 Cinemas of India

U 3

This course offers an in-depth study of the cinemas of India and their cultural politics, exploring how nationhood, religion, caste, and gender shape and appear in film. Students will analyze cinema from various parts of India and engage with historical and contemporary scholarship to understand the country's diverse film industries and cinematic languages.

Geography

GEOG

Autumn 2026 Semester

5230 Drone Mapping

U G 3

This course provides an overview of drone-based mapping techniques and their geographic applications.

Students will examine the technical foundations of data collection using uncrewed aerial systems. Through lectures and field demonstrations, students will gain both theoretical understanding and practical experience in collecting, processing, and interpreting drone-derived geospatial data.

Human Development And Family Science

HDFS

Autumn 2026 Semester

3610 Prevention and Intervention Program Development and Evaluation

U 3

HDFS 3610 introduces theory and practice of prevention and intervention program development and evaluation across the lifespan. Students build skills in community needs assessment, evidence-based program design, and evaluation. Emphasis on data literacy, culturally responsive practice, and applying research to education, social work, and human services settings.

Prereq: 2101 or 2200.

History of Art

HISTART

Autumn 2026 Semester

3020 Threads of Culture: The History of Textiles

U 3

This course provides an overview of the history of textiles from the ancient world to today with a focus on traditions and culture.

Spring 2027 Semester

4017 Senior Capstone

U 1

This one-credit senior capstone course is intended for History of Art majors in their final semester before graduation. Students will reflect on their research, reading, writing, and extracurriculars in the major, and articulate the skills and competencies they have acquired as they prepare to graduate.

Health and Rehabilitation Sciences

HTHRHSC

Autumn 2026 Semester

5210 Accessibility in Video Games and Interactive Media

U G 3

This course examines the accessibility and inclusivity considerations of video game creation and interaction to promote positive player engagement through the model of inclusive human-centered design. It covers the design, development, examination, and modification of video game software, systems, and controls for diverse audiences and focuses on issues facing individuals with disabilities.

Human Nutrition

HUMNTR

Spring 2027 Semester

3500 Global Lifestyle and Longevity

U 3

This course explores the unique traditions and lifestyles of various Blue Zones across the globe. Students will investigate historical and contemporary influences that contribute to these regions' exceptional longevity and well-being, and consider how these insights can be applied to improve health outcomes in other parts of the world.

Landscape Architecture

LARCH

Autumn 2026 Semester

5111 GIS

U G 3

Mapping and geospatial data visualization has a long history in the design, planning and engineering professions. This course will introduce students to strategies and workflows for mapping complex landscapes at multiple scales. Proficiency in Adobe Suite & Rhino 3D recommended.

Autumn 2026 Semester

5127 Field Methods

U G 3

This course offers students the chance to design, seed, and maintain a small but intense insertion into an existing test meadow in the northwest corner of Waterman Farm. Each year stewardship over the site is passed to new students that add to and modify the evolving meadow.

Prereq: 2410 and 3430; or 6410 and 6430; or permission of instructor.

Autumn 2026 Semester

5135 Hidden Hydrologies

U G 3

As landscape architects, we are skilled at redirecting, pooling, and draining water. Water remains a finite resource and as designers engage with a growing number of projects centered on hydrology, we must ask ourselves, what do we really know about water? Perhaps more importantly, what do we really know about the system we have created, neither natural - as we often depict it.

Autumn 2026 Semester**5147 Working Landscapes****U G 3**

Conventional agriculture is the largest anthropogenic land use in the world, but one that designers have largely ignored. This course asks how landscape architecture might meaningfully engage rural and agricultural systems in the 21st century. While each offering takes a distinct thematic focus, all examine the historical, political and ecological forces shaping agricultural landscapes.

Mathematics**MATH****Autumn 2026 Semester****2468 Vectors and Matrices****U 1/2**

Math 2468 introduces the fundamental concepts of linear algebra with a practical emphasis, focusing on vectors and matrices in ???. A goal of this course is to prepare students who need to use vectors and matrices in applications.

Prereq: A grade of C- or above in 1152, 1172, 1544, 2153, 2162.xx, 2182H or 4182H. Not open to students with credit for 2568, 4568 or 5520H. This course is graded S/U.

Clinical Research**MCR****Autumn 2026 Semester****7510 Pharmacology for the Non-Clinician****G 3**

Importance on advanced knowledge in pharmacology in relation to the Clinical Research Professional (CRP) role across healthcare settings. Emphasis is placed on the CRP's role in ensuring safe and effective medication use, evaluating drug interactions, and supporting pharmacovigilance throughout the research process.

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

Autumn 2026 Semester**7550 Research Leadership, Administration, and Finances****G 3**

This course explores the strategic, operational, and financial dimensions of leading and managing research programs across the clinical research ecosystem. Students will examine the research leadership landscape including how to build collaborative teams, navigate administrative duties, and adhere to financial management excellence.

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

Mechanical Engineering**MECHENG****Autumn 2026 Semester****5555 Safety & Security of Autonomous Systems****U G 3**

This course introduces principles and methodologies for ensuring the safety and security of autonomous systems, including AI and ML components. Topics include system modeling for safety analysis, risk and hazard assessment, Lyapunov-based safety and invariance, reachability and safe set computation, and fault detection and isolation using model-based and data-driven methods.

Prereq: ECE 3050, 3551 or MechEng 3360; or Grad standing in Engineering, Math, or Statistics. Not open to students with credit for ECE 5555. Cross-listed in ECE.

Molecular Genetics**MOLGEN****Autumn 2026 Semester****5720 Genomic Data Analysis****U G 3**

This course will introduce students to genome nomenclature, annotations, and genome databases. Students will use command line tools and R language to engage in genomic data archival, analysis, and visualization. They will perform genome annotation, interrogate genomic data to interpret gene function and regulation, and use AI-based approaches to facilitate their learning and genome analysis.

Prereq: 4500.xx or 4606; or permission of instructor.

Music**MUSIC**

Autumn 2026 Semester**2101.35 Beginning Guitar for Music Therapy Majors - Group Instruction****U 1**

This course introduces the guitar for music therapy majors with little to no prior experience. Foundational skills addressed in this class include guitar care and tuning, proper playing position, tablature reading skills, root position chords, scales, beginning strumming patterns, and improvisation.

Prereq: Music therapy major; or permission of instructor.

Autumn 2026 Semester**2102.35 Intermediate Guitar for Music Therapy Majors****U 1**

This course is focused on functional guitar skills for music therapy majors, with applications for across clinical contexts. Skills addressed in this class include root position and barre chords, transposition, intermediate strumming patterns, and the development of repertoire for professional use.

Prereq: 2101.35; or permission of instructor.

Philosophy**PHILOS****Spring 2027 Semester****2751 Knowledge in the Digital Age****U 3**

This course considers various challenges to knowledge posed by the internet and other digital ways of disseminating information to a broad audience. Challenges may include: "fake news", echo chambers, filter bubbles, group think and belief polarization. The course considers how serious these challenges are and considers various possible solutions, from individual to collective action.

Pharmacy**PHR****Autumn 2026 Semester****2468.01 ChemRx: The Chemistry Behind the Cure****U 1**

This course bridges the foundational principles of General Chemistry I with their practical application in pharmaceutical sciences. Taken concurrently with General Chem I, this course contextualizes core chemistry concepts (atomic structure, periodicity, bonding, intermolecular forces, solutions, and reaction stoichiometry) within the real-world framework of drug design, formulation, and action.

Concur: Chem 1210.

Autumn 2026 Semester**2468.02 ChemRx: The Chemistry Behind the Cure****U 1**

This course emphasizes key General Chemistry II concepts that are essential for success in pharmaceutical science. Designed for students with General Chemistry I knowledge, this course makes General Chemistry II more approachable, relevant, and engaging for those curious about the science behind medicine, equipping students with tools to confidently transition into organic chemistry.

Prereq: Chem 1210. Concur: Chem 1220.

Physics**PHYSICS****Autumn 2026 Semester****2110 The Physics of Computer Games and Simulations****U 4**

Students will learn about the physics underlying many computer games and simulations. They will learn about idealized, approximated situations and ways to describe the situation more realistically using numerical methods, as well as data analysis and visualization. This is a GE themes course on "Number, Nature, Mind" as well as a research-based course.

Prereq: GE foundation natural sci course; and math and quant reasoning or data anyl course.

Sociology**SOCIOL**

Autumn 2026 Semester

3680 The Sociology of Mental Health and Illness

U 3

This course provides a comprehensive sociological examination of mental health, challenging the popular notion that mental illness is best explained by purely genetic or biological factors. Instead, it explores mental illness as a complex relationship between the mind and society, emphasizing social origins and cultural practices.

Teaching and Learning Intercultural English Language

TLIELP

Spring 2027 Semester

1130 Spoken English for Academic Purposes

U 2

This course supports international undergraduate students in developing greater English fluency, confidence, and effectiveness in spoken English for academic contexts. Students will practice a range of communication skills common in U.S. university classrooms, including participating in discussions, giving presentations, and collaborating with peers.

Repeatable to a maximum of 4 cr hrs.

Remove from Limbo

Philosophy

PHILOS

Spring 2027 Semester

3111 Introduction to Jewish Philosophy

U 3

A general introduction to major figures and trends in medieval, modern, and contemporary Jewish philosophy; emphasis on Philo, Saadia, Maimonides, Spinoza, Mendelssohn, and Buber.

Prereq: Not open to students with credit for 321 and JewshSt 3111. GE cultures and ideas course. Cross-listed in JewshSt.

Remove from Withdrawal

Occupational Therapy

OCCTHER

Autumn 2026 Semester

7770 Advance Topics in Assistive Technology

G 2

Students learn how to develop and implement assistive technology (AT) devices, services, strategies and practices. The course covers computer access/technology, alternative and augmentative communication, electronic cognitive devices, driver's rehabilitation, low vision technologies, wheelchairs, electronic activities of daily living, zero-effort technologies, and emerging technologies.

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

Update Course

Aviation

AVIATN

Autumn 2026 Semester

2220 Aviation Organization Analysis, Writing and Research

U 3

This course critically examines aviation organizations, how they manage communication with various stakeholder groups, and implement new policy. Through reading, writing, and critical reflection, students will have a greater understanding of how communication impacts the operations of an aviation organization. This course is for students completing the BS in Aviation in the College of Engineering.

Autumn 2026 Semester**1113H Biological Sciences: Energy Transfer and Development****U 4**

Exploration of biology and biological principles; evolution and the origin of life, cellular structure and function, bioenergetics, and genetics. A broad introduction to biology comprises both Biology 1113H and 1114H.

Prereq: Honors standing; and Math 1121, 1149, 1150 or above, or Math Placement Level L. Prereq or concur: Chem 1208, 1210, 1610 or 1910H; or permission of course coordinator.

Update Course Continued on Next Page.

Computer Science and Engineering

CSE

Autumn 2026 Semester

1224 Introduction to Computer Programming in Python

U 3

Campus: COL MNS

Introduction to computer programming and to problem solving techniques using computer programs; programming lab experience.

Prereq: Math 1120, 1130, 1140, 1148, 1149, 1150, or 1151, or Math Placement Level M.

Consumer Sciences: Hospitality Management

CSHSPMG

Autumn 2026 Semester

2990 Professional Development

U 1

The professional: overview of the internship and job search process, networking, involvement in professional development organizations and continued development.

Electrical and Computer Engineering

ECE

Autumn 2026 Semester

5555 Safety & Security of Autonomous Systems

U G 3

Safety and security of autonomous systems, covering modeling, risk analysis, secure control, threat detection, and practical engineering applications.

Prereq: 3551; or Grad standing in Engineering, Math, or Statistics. Not open to students with credit for MechEng 5555. Cross-listed in MechEng.

Engineering

ENGR

Spring 2027 Semester

1181.01 Engineering Foundations 1

U 3

Engineering problem solving utilizing computational tools such as Excel and MATLAB; hands-on experimentation; modeling; teamwork; written, oral and visual communications.

Components: LEC

Prereq or concur: Math 1140, or 1141; or Math 1150 or above. Not open to students with credit for Engr 1182.01, 1182.02, 1182.03, 1182.04, 1282.01H, 1282.02H, 1282.03H, 1282.04H, 1186.01, 1187, or 1188.

Autumn 2024 Semester

1181.02 Engineering Foundations 1 - Scholars

U 3

Engineering problem solving utilizing computational tools such as Excel and MATLAB; hands-on experimentation; modeling; teamwork; written, oral and visual communications.

Components: LEC

Prereq or concur: Math 1140 or 1141; or Math 1150 or above; and Scholar status. Not open to students with credit for Engr 1182.01, 1182.02, 1182.03, 1182.04, 1186.01, 1187, or 1188.

Spring 2027 Semester

1182.01 Engineering Foundations 2

U 2

Introduction to 3D visualization and CAD; engineering design-build process; teamwork; written, oral and visual communications; project management.

Components: LEC

Prereq: 1181.01, or 1181.02, or 1281.01H, or 1281.02H, or 1281.03H. Prereq or Concur: Math 1141; or Math 1151 or above. Not open to students with credit for 1186.01, or 1187, or 1188; not repeatable if credit earned for 1182.01, or 1182.02, or 1182.03, or 1182.04, or 1282.01H, or 1282.02H, or 1282.03H, or 1282.04H.

Spring 2027 Semester

1182.02 Engineering Foundations 2 - Scholars

U 2

Introduction to 3D visualization and CAD; engineering design-build process; teamwork; written, oral and visual communications; project management.

Components: LEC

Prereq: 1181.01, or 1181.02, or 1281.01H, or 1281.02H, or 1281.03H, and Scholars status. Prereq or concur: Math 1141; or Math 1151 or above; engineering student, or permission of department. Not open to students with credit for 1186, or 1187, or 1188; not repeatable if credit earned for 1182.01, or 1182.02, or 1182.03, or 1182.04, or 1282.01H, or 1282.02H, or 1282.03H, or 1282.04H.

Spring 2027 Semester

1182.04 Engineering Foundations 2 - Engineering Technology

U 2

Introduction to 3D visualization and CAD; engineering design-build process; teamwork; written, oral and visual communications; project management. Regional campuses and Engineering Technology majors who are concurrently enrolled in EngrTec 2500 Manufacturing Processes II.
Concur: EngrTec 2500.

Components: LEC

Environmental Engineering

ENVENG

Spring 2027 Semester

3210 Environmental Engineering Unit Operations

U 3

Selection and Design of Unit Operations and Processes used in Environmental Engineering.
Prereq: 3200 and CivilEn 3130.

Health Information Management And Systems

HIMS

Autumn 2026 Semester

5635 Quality Management and Performance Improvement in Healthcare

U G 3

Continuous quality management measures and tools including patient safety and satisfaction, regulatory requirements, benchmarking, causal analysis, outcomes, clinical guidelines and pathways, risk management and utilization review.

Prereq: 3520 or 5540, or enrollment in Usability and User Experience in Healthcare (UUEH) Certificate, or Grad standing, or permission of instructor.

Kinesiology:Sport Industry, Sport Management

KNSISM

Autumn 2026 Semester

3208 The Sport Industry

U 3

Examination of the Sport Industry.

Prereq: Pre-Major or Minor or Major in Sport Industry; or enrollment in the Sports Communication Certificate.

Autumn 2026 Semester

3550 Entertainment & Brand Licensing in Sport, Fashion, and Hospitality Industries

U 3

This course will provide the student with a basic introduction into the world of sport and entertainment brand licensing. The licensing of brands, characters, sports team names, college logos and artwork, often called 'merchandising,' has become a huge business; the course will take students through the various steps of identifying, protecting, and conducting a licensing program.

Prereq: Sport Industry Major or Fashion and Retail Studies Major or Hospitality Management Major; or KNSISM 3208 and KNSISM 4245 and Sport Industry Minor.

Autumn 2026 Semester

4245 Leadership & Programming in Sports Industry

U 3

Methods of leadership and programming in sport industry organizations.

Prereq: Pre-Major or Minor or Major in Sport Industry; or Coaching Education Minor; or enrollment in the Sports Communication Certificate.

Autumn 2026 Semester

4411 College Sport

U 3

Historical development of college sport; influence of race, class and gender; mass media; consumer society; place of college sport in American higher education and culture.

Prereq: 3208, 4245 and enrolled in Sport Industry Minor; or enrolled in Sport Industry Major.

Autumn 2026 Semester

4509 Sport Marketing and Promotion

U 3

Issues related to the marketing and promotion of sport.

Prereq: 3208, 4245 and Sport Industry Minor; or Sport Industry Major; or Coaching Education Minor.

Autumn 2026 Semester

4607 Legal Aspects of Sport

U 3

Introduction to the American legal system and major cases/laws which make up sports law.

Prereq: 3208, 4245 and Sport Industry Minor; or Sport Industry Major; or Coaching Education Minor.

Landscape Architecture

LARCH

Autumn 2026 Semester

2600 Landscape Practices

U 3

Overview of patterns and processes of human design on land in relation to environmental, economic, and socio-cultural forces, with an emphasis on interpretation of visual landscape change.

Autumn 2026 Semester

8990 Research Prep Seminar

G 3

Seminar-based, guided development of individual research projects.

Prereq: 7780, and Grad standing. Repeatable to a maximum of 3 cr hrs.

Materials Science and Engineering

MATSCEN

Autumn 2026 Semester

6740 Practical Scanning Electron Microscopy Laboratory

G 2

Provides basic understanding of scanning electron microscopy characterization methods, understanding of sample preparation & compatibility, various imaging modes, and analytical techniques. This course focuses primarily on the practical operation of a scanning electron microscope, and not on its theoretical background.

Prereq: Grad standing; or permission of instructor.

Mechanical Engineering

MECHENG

Spring 2027 Semester

7385 Advanced Methods in the Dynamics and Control of Human and Animal Movement

G 3

Mathematical ideas from control theory, optimization, nonlinear dynamics, and numerical computation that will be used to understand human, animal, and movement behavior and design.

Prereq: Grad standing in Engineering.

Neurology

NEURO

Autumn 2026 Semester

7000 Translational Neuroimmunology

G 3

This course covers immunopathogenesis & immunotherapy for neurological diseases. It includes lectures on neuro-immune interactions, discussions of primary literature, & clinical workshops on neuroinflammatory disorders. Students learn pathogenic mechanisms, therapeutic successes, & unmet clinical needs.

Prereq: Introduction to Immunology, or equivalent.

Physical Therapy

PHYSTHR

Autumn 2026 Semester

8676 Differential Diagnosis for Physical Therapists

G 3

Clinical decision making related to systemic disease that can present as neuromuscular or musculoskeletal conditions. Related literature will be utilized to explore systemic origins of disorders related to PT practice. Prereq: Enrollment in the Doctorate in Physical Therapy program.

Social Work

SOCWORK

Autumn 2017 Semester

7401 Social Work Evaluation I

G 3

This is a two semester course sequence focusing on how to evaluate social work practice and programs. Over the two semesters students will learn how to design an appropriate evaluation strategy, select relevant outcome measure, collect and analyze evaluation data, and use evaluation outcomes to guide practice and policy decisions.

Prereq: 6401, 7500 or 8401.

Teaching and Learning Teacher Education

TLTED

Autumn 2026 Semester

5442 Teaching Reading Across the Curriculum

U G 3

Provides the knowledge and tools needed to support the developmental reading and literacy skills for students seeking licensure in AYA (7-12), multi-age and Voc Ed programs. Laboratory experience required.

Prereq: Admission to B.S.Ed, M.Ed., EHE major, Agriscience Ed major, Art Ed major, Music Ed major; or permission of instructor. Not open to students with credit for EduTL 5442.

Council on Academic Affairs Approval

New Program	Proposed By	Status	Date Approved
Undergraduate certificate (categories 1a, 1b, and 2) in Technical Communication	Center for the Study of Teaching and Writing	Approved by CAA	6/11/2026
		No additional internal approval necessary	

New Program	Proposed By	Status	Date Approved
Drug Discovery Certificate (categories 1a and 2)	College of Pharmacy	Approved by CAA	6/11/2026
		No additional internal approval necessary	

New Program	Proposed By	Status	Date Approved
Graduate Minor in Foundations in Public Health	College of Public Health	Approved by CAA	6/11/2026
		No additional internal approval necessary	

New Program	Proposed By	Status	Date Approved
Graduate Certificate in Foundations in Public Health	College of Public Health	Approved by CAA	6/11/2026
		No additional internal approval necessary	

New Program	Proposed By	Status	Date Approved
Category 3b Certificate in School Social Work	College of Social Work	Approved by CAA	6/11/2026
		No additional internal approval necessary	

Council on Academic Affairs Approval

New Program	Proposed By	Status	Date Approved	6/11/2026
Category 3a Certificate in School Social Work	College of Social Work	Approved by CAA		
		No additional internal approval necessary		

New Program	Proposed By	Status	Date Approved	6/11/2026
Medical Product Development specialization	Department of Biomedical Engineering	Approved by CAA		
		No additional internal approval necessary		

New Program	Proposed By	Status	Date Approved	6/11/2026
Undergraduate minor in Hip Hop Studies	School of Music	Approved by CAA		
		No additional internal approval necessary		