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School of Engineering
Civil Engineering
- C E 101: Introduction to Civil Engineering I
- C E 102: Introduction to Civil Engineering II
- C E 205: Civil Engineering Laboratory I
- C E 207: Surveying
- C E 208: Civil Engineering Graphics I
- C E 305: Civil Engineering Laboratory II
- C E 310: Introduction to Structural Mechanics
- C E 311: Structural Analysis
- C E 315: Civil Engineering Materials
- C E 325: Intermediate Dynamics
- C E 401: Civil Engineering Fundamentals
- C E 405: Civil Engineering Laboratory III
- C E 412: Design of Concrete Structures
C E 413: Steel Design
C E 414: Advanced Concrete Design
C E 417: Construction Engineering and Management
C E 421: Matrix Analysis of Structures
C E 431: Soil Mechanics I
C E 433: Foundation Engineering
C E 435: Advanced Geotechnical Engineering
C E 452: Civil Engineering Analysis
C E 455: Civil Engineering Design I
C E 456: Civil Engineering Design II
C E 471: Environmental Engineering I
C E 472: Water Resources Engineering
C E 481: Transportation Engineering I
C E 495: Geospatial Analysis for Engr & Vis Apps
C E 497: Civil Engineering Projects
C E 511: Structural Dynamics
C E 514: Pre-Stressed Concrete Design
C E 521: Advanced Mechanics of Materials
C E 531: Soil Mechanics II
C E 541: Flow in Open Channels
C E 542: Flow in Porous Media
C E 543: Sediment Transport
C E 561: Civil Engineering Systems
C E 570: Infrastructure Management
C E 572: Stormwater Engineering and Management
C E 581: Transportation Engineering II
C E 585: Highway Pavements
C E 590: Airport Planning and Design

School of Engineering
C OP 201: CO-OP Work Experience
C OP 202: CO-OP Work Experience
C OP 300: Cooperative Education
C OP 301: CO-OP Work Experience
C OP 302: CO-OP Work Experience
C OP 401: CO-OP Work Experience
C OP 402: CO-OP Work Experience
C OP 501: CO-OP Work Experience
C OP 502: CO-OP Work Experience
C OP 503: CO-OP Work Experience

Graduate School
C&H Thesis: UM Croft and Honors Thesis

School of Pharmacy
Pharmacy Practice
Card 591: Cardiology Clerkship

School of Engineering
Chemical Engineering
Ch E 101: Introduction to Chemical Engineering
Ch E 103: Introduction to Chemical Engineering I
Ch E 104: Introduction to Chemical Engineering II
Ch E 251: Programming for Chemical Engineering
Ch E 307: Chemical Process Principles I
Ch E 308: Chemical Process Principles II
Ch E 309: Intro to Chemical Engineering Design
Ch E 313: Modeling and Simulation I
Ch E 314: Modeling and Simulation II
Ch E 317: Process Fluid Dynamics and Heat Transfer
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<td>Chemistry for Teachers III</td>
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Modern Languages
- Chin 101: Elementary Chinese I
- Chin 102: Elementary Chinese II
- Chin 111: Intensive Chinese I
- Chin 112: Intensive Chinese II
- Chin 198: Elementary Chinese Study Abroad
- Chin 199: Special Topics in Chinese
- Chin 201: Intermediate Chinese I
- Chin 202: Intermediate Chinese II
- Chin 211: Intensive Chinese III
- Chin 212: Intensive Chinese IV
- Chin 215: Chinese Practicum I
- Chin 298: Intermediate Chinese Study Abroad
- Chin 299: Special Topics in Chinese
- Chin 301: Conversation and Composition I
- Chin 302: Conversation and Composition II
- Chin 313: Media Chinese I: Newspapers and Internet
- Chin 314: Media Chinese II: Broadcast News
- Chin 315: Chinese Practicum II
- Chin 321: Chinese Culture and Civilization
- Chin 330: Introduction to Chinese Linguistics
- Chin 331: Intro to Chinese Lit & Literary Analysis
- Chin 361: China through Film and Literature
- Chin 398: Advanced Chinese Study Abroad
- Chin 399: Special Topics in Chinese
- Chin 401: Advanced Chinese I
- Chin 402: Advanced Chinese II
- Chin 410: Modern Chinese Literature
- Chin 414: Selected Topics in Academic Chinese
- Chin 415: Chinese Practicum III
- Chin 417: Intro to Modern Chinese Literature
- Chin 418: Introduction to Classical Chinese
- Chin 450: Domain Knowledge
- Chin 511: Chinese Philology
- Chin 512: 21st Century China
- Chin 513: China and the World
- Chin 514: Classical Chinese Literature
- Chin 550: Advanced Domain Knowledge
- Chin 596: Chinese Capstone Academic Program
- Chin 598: Chinese Capstone Internship

College of Liberal Arts
- Cine 201: Cinema Survey I
- Cine 202: Cinema Survey II
- Cine 396: Festival Programming
- Cine 397: Internship in Cinema
- Cine 398: Study Abroad in Cinema
- Cine 399: Special Topics in Cinema
School of Applied Sciences
Legal Studies
- CJ 100: Introduction to Criminal Justice
- CJ 110: Introduction to Law Enforcement
- CJ 115: Introduction to Homeland Security
- CJ 120: Introduction to Corrections
- CJ 155: Law Enforcement Tactical Operations
- CJ 160: Law Enforcement Patrol Procedures
- CJ 210: Criminal Law
- CJ 230: Principles of Investigation
- CJ 270: Juvenile Justice
- CJ 285: Foundations of Terrorism
- CJ 300: Ethics in Legal Studies
- CJ 310: Law Enforcement Process and Policy
- CJ 315: Drug Abuse Enforcement and Criminality
- CJ 320: Correctional Treatment Strategies
- CJ 322: Criminal Justice Communications
- CJ 325: Emergency Management and CJ
- CJ 330: Hate Crimes and Enforcement
- CJ 340: Homicide and Death Investigations
- CJ 345: Cold Case Investigations
- CJ 360: Independent Study
- CJ 370: Domestic Crimes and Family Law
- CJ 376: Elite Forces and Special Operations
- CJ 390: Special Topics
- CJ 399: Social Justice and Community Service
- CJ 400: Homeland Security Operations
- CJ 410: Criminal Procedure
- CJ 415: Forensic Science & Crime Scene Analysis
- CJ 420: Homeland Security Law
- CJ 421: Selected Topics in Criminal Justice II
- CJ 422: Probation, Parole & Community Correction
- CJ 425: Sex Crimes and Investigations
- CJ 435: Terrorism in the Twenty-First Century
- CJ 444: Law of Corrections
- CJ 445: Comparative Criminal Justice Systems
- CJ 450: Criminal Justice Research
- CJ 460: The Correctional Experience
- CJ 465: Criminal Profiling and Serial Offenders
- CJ 470: Border Security
- CJ 490: Criminal Justice Internship
- CJ 499: Colloquium in Criminal Justice
- CJ 510: Emergency Management
- CJ 585: Current Topics in Criminal Justice
- CJ 600: Criminal Justice Administration
- CJ 615: Transnational Organized Crime
- CJ 620: Criminal Justice in American Society
- CJ 625: Criminal Justice Theory
- CJ 635: Criminal Justice Research Methods
- CJ 640: Legal Issues in Criminal Justice
- CJ 645: Criminal and Intelligence Analysis
- CJ 650: Terrorism and Homeland Security
- CJ 655: Criminal Justice Statistical Analysis
- CJ 660: Operational and Staff Planning
- CJ 665: Transportation and Border Security
- CJ 670: Intelligence and Homeland Security
- CJ 675: Topics in Judicial Administration
- CJ 685: Special Topics in Justice Studies
• CJ 690: Criminal Justice Practicum
• CJ 695: Independent Study
• CJ 697: Thesis

**College of Liberal Arts**

**Music**
- Clar 100: Preparatory Clarinet
- Clar 121: Freshman Clarinet I
- Clar 122: Freshman Clarinet II
- Clar 221: Sophomore Clarinet I
- Clar 222: Sophomore Clarinet II
- Clar 241: Sophomore Clarinet Performance I
- Clar 242: Sophomore Clarinet Performance II
- Clar 321: Junior Clarinet I
- Clar 322: Junior Clarinet II
- Clar 341: Junior Clarinet Performance I
- Clar 342: Junior Clarinet Performance II
- Clar 421: Senior Clarinet I
- Clar 422: Senior Clarinet II
- Clar 441: Senior Clarinet Performance I
- Clar 442: Senior Clarinet Performance II
- Clar 521: Advanced Clarinet I
- Clar 522: Advanced Clarinet II
- Clar 541: Advanced Clarinet Performance I
- Clar 542: Advanced Clarinet Performance II
- Clar 621: Graduate Clarinet I
- Clar 622: Graduate Clarinet II
- Clar 641: Graduate Clarinet Performance I
- Clar 642: Graduate Clarinet Performance II

**Classics**
- Clc 100: Honors Introduction to Classics
- Clc 101: Introduction to Greek Civilization
- Clc 102: Introduction to Roman Civilization
- Clc 103: Women in Antiquity
- Clc 104: Sports in the Ancient World
- Clc 105: From Myth to Film
- Clc 106: Classical Mythology
- Clc 107: Ancient Cities
- Clc 201: Medical Terminology in Greek and Latin
- Clc 303: Greek and Roman Tragedy
- Clc 304: Greek and Roman Comedy
- Clc 305: Topics in Classical Mythology
- Clc 307: Greek Literature in English Translation
- Clc 308: Survey of Roman Literature
- Clc 309: Greek and Roman Epic
- Clc 310: Socrates and Sophistry
- Clc 311: Greek History
- Clc 313: The Roman Republic
- Clc 314: Roman Empire
- Clc 315: Egyptian Art and Archaeology
- Clc 316: Bronze Age Aegean Art & Archaeology
- Clc 317: Etruscan Art and Archaeology
- Clc 318: Greek Vase Painting
- Clc 319: Greek Sculpture
- Clc 320: Greek Architecture
- Clc 321: Greek Art and Archaeology
- Clc 322: Roman Art and Archaeology
- Clc 323: Art & Archaeology of Pompeii
- Clc 325: Topics in Classical Civilization
• Clc 326: Topics in Classics Abroad
• Clc 327: Greek and Roman Religions
• Clc 328: Ancient Art on Location
• Clc 331: Science & Tech. in the Ancient World
• Clc 332: Ancient Warfare
• Clc 333: Poetry and Politics at Rome
• Clc 340: The Golden Age of Athens
• Clc 341: Alexander the Great
• Clc 342: Law and Life in Ancient Athens
• Clc 349: Archaeological Ethics Bowl Practicum
• Clc 350: Ancient Archaeological Field Session
• Clc 352: From Republic to Empire
• Clc 360: Ethics in Archaeology
• Clc 373: Cultures of the Bronze Age
• Clc 490: Classics Capstone Seminar
• Clc 491: Classics Capstone Experience
• Clc 501: Topics in Greek History
• Clc 502: Topics in Roman History
• Clc 523: Ancient Art

School of Pharmacy
Pharmacy Practice
• Comm 591: Community Pharmacy Clerkship

School of Education
Leadership & Counselor Education
• Coun 307: Educational Psychology
• Coun 309: Psychology of Adolescence
• Coun 333: Psychology of Human Growth and Development
• Coun 601: Life Span Development
• Coun 605: Research in Counseling
• Coun 610: Addictions
• Coun 612: Foun. of Clin. Mental Health Counseling
• Coun 621: Assessment in Counseling I
• Coun 622: Assessment in Counseling II
• Coun 623: Individual Assessment I
• Coun 624: Individual Assessment II
• Coun 625: Practicum in School Psychometry
• Coun 630: Foundations of School Counseling
• Coun 639: Intro to Professional Couns & Ethics
• Coun 643: Group Procedures
• Coun 651: Individual Study
• Coun 660: Crisis Intervention
• Coun 661: School Counseling Practicum
• Coun 663: Internship in School Counseling
• Coun 670: Multicultural Issues in Counseling
• Coun 670: Psychological Consultation
• Coun 672: Issues and Ethics in Counseling
• Coun 674: Diagnostic Systems in Counseling
• Coun 675: Advanced School Counseling
• Coun 676: Ldrshp, Advocacy, & Acctbility in SC
• Coun 680: Career Counseling
• Coun 682: Family Counseling
• Coun 683: Counseling Theory I
• Coun 685: Org/Adm & Consultation: CMH Counseling
• Coun 686: Counseling Children and Adolescents
• Coun 688: Org/Adm & Consultation: School Counseling
• Coun 690: Counseling Skills
• Coun 691: Pre-Practicum and Advanced Skills
• Coun 692: Topics in Counseling I
• Coun 693: Practicum in Counseling
• Coun 694: Topics in Counseling II
• Coun 695: Internship in Counseling
• Coun 696: Topics in Counseling III
• Coun 697: Thesis
• Coun 700: Advanced Topics in Counselor Education
• Coun 730: Adv. Multicultural Counseling & Advocacy
• Coun 740: Advanced Career Theory and Practice
• Coun 750: Research & Publication in Counselor Ed
• Coun 753: Supervision of Counseling Services
• Coun 754: Advanced Clinical Supervision
• Coun 760: Public Policy in Higher Education
• Coun 764: Adv Assessment, Diagnosis and Treatment
• Coun 770: Introduction to Play Therapy
• Coun 771: Expressive Arts w/ Children & Adolescent
• Coun 772: Current Theories in Play Therapy
• Coun 773: Application of Play Therapy in Schools
• Coun 774: Application of Play Therapy in MH
• Coun 775: Psychopharmacology in Play Therapy
• Coun 776: Play Therapy Supervision
• Coun 777: Play Therapy in the Courtroom
• Coun 778: Play Therapy with Older Adults
• Coun 779: Child-parent Relationship Therapy
• Coun 780: Play Therapy Practicum
• Coun 784: Advanced Counseling Theory
• Coun 787: Adv Professional Identity and Ethics
• Coun 790: Doctoral Teaching Internship in Coun. Ed
• Coun 793: Advanced Practicum
• Coun 794: Advanced Group Counseling
• Coun 795: Doctoral Internship in Counseling
• Coun 796: Graded Dissertation
• Coun 797: Dissertation
• Coun 798: Transitioning into the Professoriate

School of Applied Sciences
Legal Studies
• CR 412: Judicial Reporting Procedures

School of Pharmacy
Pharmacy Practice
• Crit 591: Critical Care Clerkship

College of Liberal Arts
International Studies
• Croft Thesis: UM Croft Thesis

School of Engineering
Computer & Information Science
• Csci 103: Survey of Computing
• Csci 111: Computer Science I
• Csci 112: Computer Science II
• Csci 191: Office Applications
• Csci 192: Computing Applications
• Csci 193: Personal Computer Systems
• Csci 203: Introduction to Computational Media
• Csci 211: Computer Science III
• Csci 223: Computer Org. & Assembly Language
• Csci 251: Programming for Engineering and Sciences
• Csci 259: Programming in C++
• Csci 300: Social Responsibility in Comp. Science

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School of Applied Sciences
Communication Sciences & Disorders

- CSD 201: Introduction to Communicative Disorders
- CSD 202: Statistics for CSD
- CSD 205: Anatomy and Physiology
- CSD 211: Introduction to Phonetics
- CSD 216: Normal Development of Communication
- CSD 301: Introduction to Speech Sound Disorders
- CSD 302: Research Methods for CSD
- CSD 316: Language and Learning Disorders
- CSD 351: Basic Audiology
- CSD 356: Principles of Auditory (Re)Habilitation
- CSD 359: Manual Communication
- CSD 401: Diagnostic Procedures
- CSD 405: Fluency and Voice Disorders
- CSD 452: Fundamental Speech & Hearing Science
- CSD 495: Introduction to Clinical Science
- CSD 497: Methods & Associate Licensure in SLP
- CSD 498: Undergrad Practicum in SLP
- CSD 499: Directed Research Practicum
- CSD 501: Survey of Communicative Disorders
- CSD 505: Neurophysiology of Communication
- CSD 506: Anat/Phys/Path Aud Sys
- CSD 507: Fundamentals of Hearing Science
- CSD 513: Speech Science
- CSD 520: Advanced Diagnostic Techniques
- CSD 521: Disorders of Fluency
- CSD 523: Phonological Disorders
- CSD 526: Neurogenic Disorders of Language
- CSD 531: Special Problems in CD
- CSD 541: Language Dev & Disorder in Preschool
- CSD 551: Clinical Audiology
- CSD 557: Audiology for the SLP
- CSD 560: Manual Communication I
- CSD 562: Manual Communication II
- CSD 575: Audio Instru & Meas
- CSD 591: Clinical Practicum in Audiology
- CSD 592: Cl Sem/Speech-Lang Path
- CSD 593: Clinical Seminar in Audiology
- CSD 601: Directed Study
- CSD 605: Counseling Thry/Prac
- CSD 612: Advanced Clinical Audiology
- CSD 613: Rsch Design & Anal
- CSD 615: Electrophysiologic Evaluation
- CSD 620: Assessment and Treatment of Dysphagia
- CSD 622: Voice and Resonance Disorders
- CSD 624: Craniofacial Anomalies
- CSD 625: Genetics, Autism, Augmentative & Alt Com
- CSD 626: Aphasia
- CSD 627: Neurogenic Disorders of Speech
- CSD 630: Cerebral Palsy
- CSD 631: Communication Changes in Aging
- CSD 632: Workshop in Comm Sciences & Disorders
- CSD 642: Lan De Dis School-Age
- CSD 649: Pediatric Audiology
- CSD 651: Aural Rehabilitation
- CSD 653: Hearing Aids
- CSD 654: Adv Amp Theory & Tech
• CSD 657: Industrial Audiology
• CSD 659: Seminar in Audiology
• CSD 670: Can Aud Proc
• CSD 673: Perception of Speech
• CSD 690: Prof. Ethics, Licensure, and Curr Trends
• CSD 695: Graduate Practicum
• CSD 697: Thesis