

Academics

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- [Ch E 330: Chemical Eng. R & D Experience](#)
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COLLEGE OF LIBERAL ARTS

CHEMISTRY & BIOCHEMISTRY

- [Chem 101: Chemical Concepts](#)
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- [Chem 105: General Chemistry I](#)
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- [Chem 107: Honors Recitation I](#)
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- [Chem 113: Survey of Chemistry Laboratory I](#)
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- [Chem 115: General Chemistry Laboratory I](#)
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- [Chem 121: Fundamentals of Organic Chemistry](#)
- [Chem 201: Environmental Chemistry I](#)
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- [Chem 221: Elementary Organic Chemistry I](#)
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- [Chem 225: Elementary Organic Chem. Laboratory I](#)
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- [Chem 251: Introduction to Individual Research](#)
- [Chem 271: Biochemical Concepts](#)
- [Chem 293: Special Topics in Chemistry](#)
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- [Chem 331: Physical Chemistry I](#)
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- [Chem 373: Intermediate Biochemistry](#)
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- [Chem 393: Advanced Special Topics in Chemistry](#)
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- [Chem 415: Computer Methods in Chemistry](#)
- [Chem 421: Recitation in Organic Chemistry I](#)
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- [Chem 512: Advanced Instrumental Analysis](#)
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- [Chem 514: Fundamentals of Electrochemistry](#)
- [Chem 519: Chemical Separations](#)
- [Chem 524: Principles of Organic Chemistry](#)
- [Chem 525: Organic Spectroscopy and Spectrometry](#)
- [Chem 527: Adv. Organic Chem., Structure Mechanism](#)
- [Chem 528: Adv. Organic Chem., Structure Synthesis](#)
- [Chem 529: Stereochemistry](#)
- [Chem 530: Advanced Organic Synthesis](#)
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- [Chem 532: Chemical Thermodynamics](#)
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- [Chem 545: Chemical Literature](#)
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- [Chem 554: Analytical Environmental Chemistry](#)
- [Chem 563: Applied Spectroscopy](#)
- [Chem 580: Molecular Biochemistry I](#)
- [Chem 581: Molecular Biochemistry II](#)
- [Chem 593: Advanced Special Topics in Chemistry](#)
- [Chem 600: Introduction to Graduate Research](#)



- [Chem 601: Advanced Inorganic Chemistry I](#)
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- [Chem 605: Seminar in Chemistry](#)
- [Chem 615: Selected Topics in Analytical Chemistry](#)
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- [Chem 618: Research Methodology in Chemistry II](#)
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- [Chem 671: Biochemistry I](#)
- [Chem 672: Biochemical Techniques](#)
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- [Chem 674: Selected Topics in Biochemistry](#)
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- [Chem 677: Protein Structure](#)
- [Chem 697: Thesis](#)
- [Chem 717: Internship Seminar in College Chemistry](#)
- [Chem 796: Doctoral Thesis](#)
- [Chem 797: Dissertation](#)

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](#)
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- [Chin 211: Intensive Chinese III](#)
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- [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 311: Intensive Chinese V](#)
- [Chin 312: Intensive Chinese VI](#)
- [Chin 315: Chinese Practicum II](#)
- [Chin 321: Chinese Culture and Civilization](#)
- [Chin 331: Intro to Chinese Lit & Literary Analysis](#)
- [Chin 361: Chinese Cinema](#)
- [Chin 398: Advanced Chinese Study Abroad](#)
- [Chin 399: Special Topics in Chinese](#)
- [Chin 401: Advanced Chinese I](#)
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- [Chin 411: Media Chinese I](#)
- [Chin 412: Academic Chinese I](#)
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- [Chin 414: Academic Chinese II](#)
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- [Chin 511: Chinese Philology](#)
- [Chin 512: Chinese Culture & Civilization](#)
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COLLEGE OF LIBERAL ARTS

- [Cine 301: Special Topics in Cinema Production](#)
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- [Cine 397: Internship in Cinema](#)
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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 202: Statistics in Criminal Justice](#)
- [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 324: Theories of Criminal Behavior](#)
- [CJ 325: Emergency Management and CJ](#)
- [CJ 330: Hate Crimes and Enforcement](#)
- [CJ 335: Military Justice and Law](#)
- [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 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 Statistics & Research](#)
- [CJ 460: The Correctional Experience](#)
- [CJ 465: Criminal Profiling and Serial Offenders](#)
- [CJ 490: Criminal Justice Internship](#)
- [CJ 499: Colloquium in Criminal Justice](#)
- [CJ 500: Criminal Justice Administration](#)
- [CJ 585: Current Topics in Criminal Justice](#)



- [CJ 606: Ethics and Human Subjects Research](#)
- [CJ 610: Homeland Security Operations](#)
- [CJ 615: Transnational Organized Crime](#)
- [CJ 620: Criminal Justice in American Society](#)
- [CJ 621: Seminar in Law Enforcement](#)
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- [CJ 624: Theories of Criminal Behavior](#)
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- [CJ 635: Criminal Justice Research Methods](#)
- [CJ 640: Legal Issues in Criminal Justice](#)
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- [CJ 650: Terrorism and Homeland Security](#)
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- [CJ 660: Operational and Staff Planning](#)
- [CJ 661: CJ Policy and Program Evaluation](#)
- [CJ 662: Emer Mgmt and Homeland Sec Policy Eval](#)
- [CJ 663: ST in CJ Stats & Research: Qualitative](#)
- [CJ 664: GIS and Crime Mapping Analysis](#)
- [CJ 665: Transportation and Border Security](#)
- [CJ 670: Intelligence and Homeland Security](#)
- [CJ 671: Communications for Criminal Justice Lead](#)
- [CJ 672: Conflict Resolution and Decision Making](#)
- [CJ 673: Criminal Justice Evidence-Based Decision](#)
- [CJ 674: Budgeting & Finance](#)
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- [CJ 702: Advanced Criminal Justice Statistics](#)
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COLLEGE OF LIBERAL ARTS

MUSIC

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CLASSICS

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- [Clc 104: Sports in the Ancient World](#)
- [Clc 105: From Myth to Film](#)
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- [Clc 107: Ancient Cities](#)
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- [Clc 299: Service Learning in Classics](#)
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- [Clc 311: Greek History](#)
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- [Clc 321: Greek Art and Archaeology](#)
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SCHOOL OF PHARMACY

PHARMACY PRACTICE

- [Comm 591: Community Pharmacy Clerkship](#)

SCHOOL OF EDUCATION

LEADERSHIP & COUNSELOR EDUCATION

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- [Coun 303: Measurement and Evaluation](#)
- [Coun 307: Educational Psychology](#)
- [Coun 309: Psychology of Adolescence](#)
- [Coun 333: Psychology of Human Growth and Development](#)
- [Coun 503: Psychometric Principles](#)
- [Coun 523: Group Study of Problems](#)
- [Coun 539: Introduction to the Counseling Profession](#)
- [Coun 545: Lab-Interpers Comm Skl](#)
- [Coun 551: Individual Study](#)
- [Coun 570: Multicultural Issues in Counseling](#)
- [Coun 573: Learning Seminar](#)
- [Coun 593: Topics in Counseling I](#)
- [Coun 594: Topics in Counseling II](#)
- [Coun 595: Topics in Counseling III](#)
- [Coun 603: Advanced Educational Psychology](#)
- [Coun 605: Research in Counseling](#)
- [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](#)
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- [Coun 626: Foundations of College Counseling](#)
- [Coun 627: College Stud. Deve. & College Counseling](#)
- [Coun 628: Issues & Interventions in College Couns.](#)
- [Coun 630: Foundations of School Counseling](#)
- [Coun 643: Group Procedures](#)
- [Coun 652: Advanced Individual Study](#)
- [Coun 653: Group Counseling Practicum](#)
- [Coun 660: Crisis Intervention](#)
- [Coun 661: School Counseling Practicum](#)
- [Coun 663: Internship in School Counseling](#)
- [Coun 670: Psychological Consultation](#)
- [Coun 672: Seminar: Issues and Ethics in Counseling](#)
- [Coun 674: Diagnostic Systems in Counseling](#)
- [Coun 680: Career Counseling](#)



- [Coun 682: Family Counseling](#)
- [Coun 683: Counseling Theory I](#)
- [Coun 685: Org/Adm & Consultation: Comm. Counseling](#)
- [Coun 686: Counsel/Child and Adolescents](#)
- [Coun 687: Seminar in Special Problems](#)
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- [Coun 693: Practicum in Counseling](#)
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- [Coun 700: Advanced Topics in Counselor Education](#)
- [Coun 712: Play Diagnosis and Assessment](#)
- [Coun 730: Adv. Multicultural Counseling & Advocacy](#)
- [Coun 733: College Teaching in Counselor Education](#)
- [Coun 740: Advanced Career Theory and Practice](#)
- [Coun 750: Research & Publication in Counselor Ed](#)
- [Coun 751: Qualitative Perspectives in Counselor Ed](#)
- [Coun 752: Qualitative Methods & Analysis Counselor](#)
- [Coun 753: Supervision of Counseling Services](#)
- [Coun 754: Advanced Clinical Supervision](#)
- [Coun 760: Leadership, Program Eval & Accreditation](#)
- [Coun 764: Adv Assessment, Diagnosis and Treatment](#)
- [Coun 767: Field Study](#)
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SCHOOL OF ENGINEERING

ELECTRICAL ENGINEERING

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- [Cp E 431: Computer Architecture](#)
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SCHOOL OF APPLIED SCIENCES

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- [CR 201: Elementary Realtime Machine Shorthand I](#)
- [CR 301: Intermediate Machine Shorthand I](#)
- [CR 302: Intermed Realtime Machine Shorthand II](#)
- [CR 401: Advanced Realtime Machine Shorthand I](#)
- [CR 402: Advanced Realtime Machine Shorthand II](#)
- [CR 403: Realtime Captioning Technology I](#)
- [CR 404: Realtime Captioning Technology II](#)
- [CR 405: Transcript Preparation](#)
- [CR 412: Judicial Reporting Procedures](#)
- [CR 413: Internship in Court Reporting](#)

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: Computer and Information Processing](#)
- [Csci 211: Computer Science III](#)
- [Csci 223: Computer Org. & Assembly Language](#)
- [Csci 251: Programming for Engineering and Sciences](#)
- [Csci 256: Programming in Python](#)
- [Csci 259: Programming in C++](#)
- [Csci 300: Social Responsibility in Comp. Science](#)
- [Csci 305: Software for Global Use](#)
- [Csci 311: Models of Computation](#)
- [Csci 323: Systems of Programming](#)
- [Csci 325: Foundations of Computer Security](#)
- [Csci 333: Digital Design and 3-D Printing](#)
- [Csci 343: Fundamentals of Data Science](#)
- [Csci 345: Information Storage and Retrieval](#)
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- [Csci 356: Data Structures in Python](#)
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- [Csci 423: Introduction to Operating Systems](#)
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- [Csci 475: Introduction to Database Systems](#)
- [Csci 487: Senior Project](#)
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- [Csci 495: Undergrad Computer Science Internship](#)
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- [Csci 520: Formal Theory of Computer Languages](#)
- [Csci 521: Computer Systems Engineering](#)
- [Csci 523: Operating Systems](#)



- [Csci 524: Distributed Operating System Design](#)
- [Csci 525: Compiler Construction](#)
- [Csci 526: Parallel Computing](#)
- [Csci 531: Artificial Intelligence](#)
- [Csci 533: Analysis of Algorithms](#)
- [Csci 541: Expert Systems and Logic Programming](#)
- [Csci 543: Data Mining](#)
- [Csci 550: Program Semantics and Derivation](#)
- [Csci 551: Computer System Performance Analysis](#)
- [Csci 554: Web Architecture and Programming](#)
- [Csci 555: Functional Programming](#)
- [Csci 556: Multiparadigm Programming](#)
- [Csci 557: GPU Computing](#)
- [Csci 561: Computer Networks](#)
- [Csci 562: Software Engineering I](#)
- [Csci 575: Database Systems](#)
- [Csci 581: Special Topics in Computer Science I](#)
- [Csci 582: Special Topics in Computer Science II](#)
- [Csci 595: Graduate Computer Science Internship](#)
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- [Csci 665: Wireless and Sensor Networks](#)

SCHOOL OF APPLIED SCIENCES **COMMUNICATION SCIENCES & DISORDERS**

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- [CSD 202: Statistics for CSD](#)
- [CSD 205: Anatomy and Physiology](#)
- [CSD 211: Intro to Phonology](#)
- [CSD 216: Normal Development of Communication](#)
- [CSD 301: Disorders of Articulation](#)
- [CSD 302: Research Methods for CSD](#)
- [CSD 303: Communication Deficits in Older Adults](#)
- [CSD 304: Introduction to Hearing Conservation](#)
- [CSD 316: Language and Learning Disorders](#)
- [CSD 351: Basic Audiology](#)
- [CSD 356: Principles of Auditory \(Re\)Habilitation](#)
- [CSD 359: Manual Communication](#)
- [CSD 360: Study USA ASHA Convention & Site](#)
- [CSD 401: Diagnostic Procedures](#)
- [CSD 405: Fluency and Voice Disorders](#)
- [CSD 421: Prog/Meth-Lang Disord](#)
- [CSD 430: Practices in Audiology](#)
- [CSD 452: Fundamental Speech & Hearing Science](#)
- [CSD 455: Neuroanat & Neurophys of Speech & Hearin](#)
- [CSD 494: Honors Thesis I](#)
- [CSD 495: Introduction to Clinical Science](#)
- [CSD 496: Practicum](#)
- [CSD 496: Honors Thesis II](#)
- [CSD 499: Senior Seminar](#)
- [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 532: Workshop in Comm Sciences & Disorders](#)



- [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: CI Sem/Speech-Lang Path](#)
- [CSD 593: Clinical Seminar in Audiology](#)
- [CSD 595: Graduate Practicum](#)
- [CSD 601: Directed Study](#)
- [CSD 605: Counseling Thry/Prac](#)
- [CSD 606: Ethics and Human Subjects Research](#)
- [CSD 612: Advanced Clinical Audiology](#)
- [CSD 613: Rsch Design & Anal](#)
- [CSD 615: Electrophysiologic Evaluation](#)
- [CSD 616: Advanced 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 642: Lan De Dis School-Age](#)
- [CSD 649: Pediatric Audiology](#)
- [CSD 651: Aural Rehabilitation](#)
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- [CSD 659: Seminar in Audiology](#)
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- [CSD 673: Perception of Speech](#)
- [CSD 690: Prof. Ethics, Licensure, and Curr Trends](#)
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- [CSD 697: Thesis](#)

