

Academics

[Overview](#)

[Calendar](#)

[Regulations](#)

[Services](#)

[Programs](#)

[Minors](#)

[Courses](#)

[Faculty](#)

Course Index

[A](#)

[B](#)

[C](#)

[D](#)

[E](#)

[F](#)

[G](#)

[H](#)

[I](#)

[J](#)

[K](#)

[L](#)

[M](#)

[N](#)

[O](#)

[P](#)

[R](#)

[S](#)

[T](#)

[U](#)

[V](#)

[W](#)

School of Engineering

Mechanical Engineering

- [M E 101: Introduction to Mechanical Engineering](#)
- [M E 201: Engineering Graphics Fundamentals](#)
- [M E 324: Introduction to Mechanical Design](#)
- [M E 325: Intermediate Dynamics](#)
- [M E 399: Thermodynamics II](#)
- [M E 401: Thermo-fluid Dynamics](#)
- [M E 402: Elements of Propulsion](#)
- [M E 404: Applied Fluid Mechanics](#)
- [M E 406: Alternative Energy Systems](#)
- [M E 416: Structures and Dynamics Laboratory](#)
- [M E 417: Projects](#)
- [M E 418: Projects](#)
- [M E 419: Energy and Fluids Laboratory](#)



- [M E 420: Experimental Mechanical Engineering II](#)
- [M E 421: Structural Analysis](#)
- [M E 422: Structural Design I](#)
- [M E 426: Kinematics: Analysis and Synthesis](#)
- [M E 427: Kinematic Analysis and Synthesis](#)
- [M E 428: Dynamics of Machinery](#)
- [M E 438: Mechanical Engineering Design](#)
- [M E 521: Projects](#)
- [M E 522: Projects](#)
- [M E 523: Special Topics in Mechanical Engineering](#)
- [M E 524: Special Topics in Mechanical Engineering](#)
- [M E 525: Advanced Dynamics](#)
- [M E 526: Experimental Methods](#)
- [M E 527: Materials Processing](#)
- [M E 528: Polymer Processing](#)
- [M E 529: Aerodynamics](#)
- [M E 530: Physical Metallurgy](#)
- [M E 531: Mechanical Behavior of Engr Materials](#)
- [M E 532: Glass and Ceramics](#)
- [M E 533: Electronic Properties of Materials](#)
- [M E 534: Properties and Selection of Materials](#)
- [M E 535: Experimental Stress Analysis](#)
- [M E 537: Mechatronic Systems Engineering](#)
- [M E 538: Exprl Character of Polymer Composites](#)
- [M E 540: Failure Analysis](#)
- [M E 541: Theory and Use of CAD and Solid Modeling](#)
- [M E 543: Linear Systems and Controls](#)
- [M E 555: Heating Ventilation and Air-Conditioning](#)

School of Pharmacy

Pharmacy Practice

- [Manc 591: Managed Care Clerkship](#)

School of Engineering

- [Manf 150: Intro to Engineering / Manufacturing](#)
- [Manf 152: Intro to Engineering & Manufacturing II](#)
- [Manf 250: Graphics/Solid Modeling](#)
- [Manf 251: Manufacturing Processes](#)
- [Manf 252: Product Realization Laboratory](#)
- [Manf 253: Strategic Planning](#)
- [Manf 254: Continuous Flow/Layout](#)
- [Manf 255: Lean I: Standardized Work & Takt Time](#)
- [Manf 350: Standardized Work/Takt Time](#)
- [Manf 351: Manufacturing Product/Process Design](#)
- [Manf 353: Accounting & Financial Mgmt for Manf](#)
- [Manf 355: Lean II: Continuous Flow/Layout](#)
- [Manf 396: Special Topics in Manufacturing](#)
- [Manf 397: Special Topics in Manufacturing](#)
- [Manf 450: Practical Problem Solving in Manf](#)
- [Manf 451: Manf Design-Product Realization](#)
- [Manf 452: Manf Design-Product Realization, II](#)
- [Manf 455: Lean III: Practical Problem Solving](#)
- [Manf 460: Introduction to Project Management](#)
- [Manf 465: Applications in Ops & Supply Chain Mgmt](#)
- [Manf 470: Principles of Lean Six Sigma](#)
- [Manf 496: Special Topics in Manufacturing](#)
- [Manf 497: Special Topics in Manufacturing](#)

College of Liberal Arts



Mathematics

- [Math 115: Elementary Statistics](#)
- [Math 120: Quantitative Reasoning](#)
- [Math 121: College Algebra](#)
- [Math 123: Trigonometry](#)
- [Math 125: Basic Mathematics for Science & Eng](#)
- [Math 167: Business Mathematics](#)
- [Math 245: Mathematics for Elementary Teachers I](#)
- [Math 246: Mathematics for Elementary Teachers II](#)
- [Math 261: Unified Calculus & Analytic Geometry I](#)
- [Math 262: Unified Calculus & Analytic Geometry II](#)
- [Math 263: Unified Calculus & Analytic Geometry III](#)
- [Math 264: Unified Calculus & Analytic Geometry IV](#)
- [Math 267: Calculus for Business, Econ., & Accy. I](#)
- [Math 268: Calculus for Business, Econ., & Accy. II](#)
- [Math 269: Introduction to Linear Programming](#)
- [Math 271: Calculus of Decision Making I](#)
- [Math 272: Calculus of Decision Making II](#)
- [Math 281: Computer Laboratory for Calculus I](#)
- [Math 282: Computer Laboratory for Calculus II](#)
- [Math 283: Computer Laboratory for Calculus III](#)
- [Math 284: Computer Laboratory for Calculus IV](#)
- [Math 301: Discrete Mathematics](#)
- [Math 302: Applied Modern Algebra](#)
- [Math 305: Foundations of Mathematics](#)
- [Math 319: Introduction to Linear Algebra](#)
- [Math 353: Elementary Differential Equations](#)
- [Math 368: Introduction to Operations Research](#)
- [Math 375: Introduction to Statistical Methods](#)
- [Math 390: Techniques in Teaching Sec. Level Math](#)
- [Math 397: Special Problems](#)
- [Math 401: Combinatorics](#)
- [Math 425: Introduction to Abstract Algebra](#)
- [Math 454: Intermediate Differential Equations](#)
- [Math 459: Introduction to Complex Analysis](#)
- [Math 461: Numerical Mathematical Analysis I](#)
- [Math 462: Numerical Mathematical Analysis II](#)
- [Math 464: Introduction to Dynamics and Chaos](#)
- [Math 475: Introduction to Mathematical Statistics](#)
- [Math 480: Introduction to Actuarial Science](#)
- [Math 501: General Topology I](#)
- [Math 502: General Topology II](#)
- [Math 513: Theory of Numbers I](#)
- [Math 514: Theory of Numbers II](#)
- [Math 519: Matrices](#)
- [Math 520: Linear Algebra](#)
- [Math 525: Introduction to Abstract Algebra I](#)
- [Math 526: Introduction to Abstract Algebra II](#)
- [Math 533: Topics in Euclidean Geometry](#)
- [Math 537: Non-Euclidean Geometry](#)
- [Math 540: History of Mathematics](#)
- [Math 545: Topics for Secondary School Teachers](#)
- [Math 555: Advanced Calculus I](#)
- [Math 556: Advanced Calculus II](#)
- [Math 564: Introduction to Dynamical Systems I](#)
- [Math 565: Introduction to Dynamical Systems II](#)
- [Math 567: Introduction to Functional Analysis I](#)
- [Math 568: Introduction to Functional Analysis II](#)
- [Math 572: Introduction to Probability & Statistics](#)



- [Math 573: Applied Probability](#)
- [Math 574: Probability](#)
- [Math 575: Mathematical Statistics I](#)
- [Math 576: Mathematical Statistics II](#)
- [Math 577: Applied Stochastic Processes](#)
- [Math 578: Stochastic Processes](#)
- [Math 590: Techniques in Teaching College Math](#)
- [Math 597: Special Problems I](#)
- [Math 598: Special Problems II](#)
- [Math 599: Special Problems III](#)
- [Math 625: Modern Algebra I](#)
- [Math 626: Modern Algebra II](#)
- [Math 631: Foundations of Geometry](#)
- [Math 639: Projective Geometry](#)
- [Math 647: Topics in Modern Mathematics](#)
- [Math 649: Continued Fractions](#)
- [Math 655: Theory Functions of Complex Variables I](#)
- [Math 656: Theory Functions of Complex Variable II](#)
- [Math 661: Numerical Analysis I](#)
- [Math 662: Numerical Analysis II](#)
- [Math 663: Special Functions](#)
- [Math 664: Topics in Dynamical Systems](#)
- [Math 667: Functional Analysis I](#)
- [Math 668: Functional Analysis II](#)
- [Math 669: Partial Differential Equations I](#)
- [Math 670: Partial Differential Equations II](#)
- [Math 671: Statistical Methods I](#)
- [Math 672: Statistical Methods II](#)
- [Math 673: Advanced Probability I](#)
- [Math 674: Advanced Probability II](#)
- [Math 677: Advanced Stochastic Processes I](#)
- [Math 678: Advanced Stochastic Processes II](#)
- [Math 679: Statistical Bioinformatics](#)
- [Math 697: Thesis](#)
- [Math 700: Seminar in Topology](#)
- [Math 705: Seminar in Dynamical Systems](#)
- [Math 710: Seminar in Algebra](#)
- [Math 730: Seminar in Number Theory](#)
- [Math 750: Seminar in Analysis](#)
- [Math 753: Theory of Functions of Real Variables I](#)
- [Math 754: Theory of Functions of Real Variables II](#)
- [Math 775: Advanced Statistics I](#)
- [Math 776: Advanced Statistics II](#)
- [Math 777: Seminar in Statistics](#)
- [Math 780: Seminar in Graph Theory](#)
- [Math 781: Graph Theory I](#)
- [Math 782: Graph Theory II](#)
- [Math 797: Dissertation](#)

School of Business Administration

- [MBA 601: Leadership and Ethics](#)
- [MBA 602: Seminar Series](#)
- [MBA 603: Speaker's Edge](#)
- [MBA 606: Organizational Behavior](#)
- [MBA 611: Financial Analysis](#)
- [MBA 612: Supply Chain Management](#)
- [MBA 613: Management of Technology & Innovation](#)
- [MBA 614: Managerial Economics](#)
- [MBA 615: Global Business](#)
- [MBA 617: Accounting for Business Decision Support](#)



- [MBA 621: Predictive Modeling and Analytics](#)
- [MBA 622: Business Planning and Entrepreneurship](#)
- [MBA 623: Strategic Marketing Management](#)
- [MBA 624: MBA Project Analysis](#)
- [MBA 631: Strategic Management-Capstone](#)

University Programs

General Studies

- [MDS 499: Multi-Disciplinary Studies Capstone](#)

School of Pharmacy

Biomolecular Sciences

- [Medc 317: Pharmacogenetics and Pharmacoimmunology](#)
- [Medc 318: Chemical and Biological Terrorism](#)
- [Medc 319: Computer-Aided Drug Design](#)
- [Medc 415: Chemical Neurosci. Prin. of Drug Abuse](#)
- [Medc 416: Intro to the Principles of Med Chem I](#)
- [Medc 417: Intro to the Principles of Med Chem II](#)
- [Medc 418: Neuroscience Principles of Drug Abuse](#)
- [Medc 419: Special Topics in Oncology](#)
- [Medc 501: Advanced Medicinal Chemistry I](#)
- [Medc 502: Advanced Medicinal Chemistry II](#)
- [Medc 503: Medicinal Chemistry Research Methodology](#)
- [Medc 507: Organic Chemistry of Drug Synthesis](#)
- [Medc 541: Problems in Medicinal Chemistry](#)
- [Medc 542: Problems in Medicinal Chemistry](#)

Pharmacy Practice

- [Medc 591: Medicine Clerkship](#)

Biomolecular Sciences

- [Medc 610: Selected Topics in Medicinal Chemistry](#)
- [Medc 630: Pharmaceutical Protein Design & Devel](#)
- [Medc 711: Intro to Computer-Aided Drug Design](#)
- [Medc 712: Quantitative Structure-Activity Relation](#)
- [Medc 713: Drugs Affecting the Nervous System](#)
- [Medc 714: Chemotherapeutic Agents](#)
- [Medc 718: Bioorganic Chemistry](#)

School of Education

Teacher Education

- [METP 101: Intro to Public Schools & School Systems](#)
- [METP 102: Intro to the Teaching Profession](#)
- [METP 201: Introduction to Education Policy](#)
- [METP 202: Introduction to the Learner](#)
- [METP 301: Capstone/Honors Thesis](#)
- [METP 302: Study Abroad](#)

School of Business Administration

Management

- [Mgmt 101: Leadership for the Future](#)
- [Mgmt 351: Health Systems Management](#)
- [Mgmt 352: Health Innovation and Information](#)
- [Mgmt 353: Healthcare Regulation and Policy](#)
- [Mgmt 371: Principles of Management](#)
- [Mgmt 380: Topics in Management Abroad](#)
- [Mgmt 383: Human Resource Management](#)
- [Mgmt 391: Organizational Behavior](#)
- [Mgmt 392: Intercultural Business Communication](#)
- [Mgmt 395: Honors Thesis in Management](#)
- [Mgmt 484: Training and Development](#)



- [Mgmt 485: Selection and Placement](#)
- [Mgmt 493: Management of Strategic Planning](#)
- [Mgmt 494: Compensation Management](#)
- [Mgmt 495: Leadership and Group Dynamics](#)
- [Mgmt 527: Advanced Human Resource Management](#)
- [Mgmt 578: History of Management Thought](#)
- [Mgmt 581: Collective Bargaining](#)
- [Mgmt 582: Employee Relations](#)
- [Mgmt 583: Labor Relations](#)
- [Mgmt 585: Strategic Human Resource Management](#)
- [Mgmt 587: Organization Theory](#)

School of Pharmacy **Pharmacy Practice**

- [Mgmt 591: Pharmacy Management Advanced Pharmacy Ph](#)

School of Business Administration **Management**

- [Mgmt 595: International Business Management](#)
- [Mgmt 606: Advanced Organization Behavior](#)
- [Mgmt 620: Advanced Directed Study](#)
- [Mgmt 664: Advanced Management Research](#)
- [Mgmt 670: Advanced Readings in Management](#)
- [Mgmt 671: Guided Research in Management](#)
- [Mgmt 673: Seminar in Human resource Management](#)

Management Information Systems

- [Mgmt 674: Advanced Operations Management](#)

Management

- [Mgmt 675: Seminar in Employee Relations](#)
- [Mgmt 676: Seminar in Organizational Behavior](#)

Management Information Systems

- [Mgmt 677: Integer and Nonlinear Optimization](#)

Management

- [Mgmt 678: Seminar in Group Process](#)
- [Mgmt 679: Theoretical Foundations of Management](#)

Management Information Systems

- [Mgmt 680: Production Scheduling](#)

Management

- [Mgmt 695: Special Topics in Management](#)
- [Mgmt 697: Thesis](#)
- [Mgmt 797: Dissertation](#)

School of Business Administration

- [MHA 600: Overview of U.S. Health Care System](#)
- [MHA 606: Quantitative Methods in Health Care](#)
- [MHA 612: Organization of Health Care Systems](#)
- [MHA 618: Management Overview of Disease & Health](#)
- [MHA 624: Health Policy and Regulatory Environment](#)
- [MHA 630: Health Care Program Eval & Performance](#)
- [MHA 636: Health Care Law and Ethics](#)
- [MHA 642: Health Care Finance](#)
- [MHA 648: Human Resources in Health Care](#)
- [MHA 654: Community & Long Term Care Administratio](#)
- [MHA 660: Internship](#)
- [MHA 699: Integrated Health Care Leadership](#)



Management Information Systems

- [MIS 280: Business Application Programming I](#)
- [MIS 307: Systems Analysis and Design](#)
- [MIS 309: Management Information Systems](#)
- [MIS 317: Applied Systems Analysis and Design](#)
- [MIS 330: Business Application Programming II](#)
- [MIS 350: Managing Enterprise Technology](#)
- [MIS 370: Introduction to ERP with SAP](#)
- [MIS 380: Topics in MIS Abroad](#)
- [MIS 395: Honors Thesis in Mgmt Info Systems](#)
- [MIS 408: Advanced Management Information Systems](#)
- [MIS 409: Applications of Database Management](#)
- [MIS 412: Web Application Programming](#)
- [MIS 419: Applications of Mgmt. Information System](#)
- [MIS 609: E-Commerce & Internet Programming](#)
- [MIS 619: Advanced Information Systems Mgmt](#)
- [MIS 620: Advanced Directed Study](#)
- [MIS 640: Theoretical Foundations of MIS/POM](#)
- [MIS 665: Management of Information Systems](#)
- [MIS 695: Special Topics in MIS/POM](#)

Marketing

- [Mktg 101: New Trends & Opportunities in Marketing](#)
- [Mktg 102: Creating & Marketing Your Personal Brand](#)
- [Mktg 103: Influencer Marketing in Social Media](#)
- [Mktg 104: The Dark Side of the Global Supply Chain](#)
- [Mktg 351: Marketing Principles](#)
- [Mktg 353: Advertising and Promotion](#)
- [Mktg 354: Professional Selling & Relationship Mktg](#)
- [Mktg 356: Legal, Social & Ethical Issues in Mktg](#)
- [Mktg 357: Developing Products Customers Want](#)
- [Mktg 358: Services Marketing](#)
- [Mktg 360: Excel for Marketing](#)
- [Mktg 361: Introduction to Retailing](#)
- [Mktg 367: Consumer Behavior](#)
- [Mktg 368: Marketing for Social Good](#)
- [Mktg 370: Social and Digital Media Strategy](#)
- [Mktg 371: Social and Digital Media Metrics](#)
- [Mktg 372: Intro. to Operations & Supply Chain Mgmt](#)
- [Mktg 380: Topics in Marketing Abroad](#)
- [Mktg 381: Building Strong Brands](#)
- [Mktg 395: Honors Thesis in Marketing](#)
- [Mktg 451: Marketing Policy and Strategy](#)
- [Mktg 452: Global Marketing & Supply Chain](#)
- [Mktg 458: Sales Management](#)
- [Mktg 462: Distribution and Logistics Management](#)
- [Mktg 465: Integrated Media Planning Essentials](#)
- [Mktg 475: Analytical Tools for Supply Chain Mgmt.](#)
- [Mktg 477: Integrated Supply Chain Management](#)
- [Mktg 488: Value Creation Using Machine Strategy](#)
- [Mktg 495: Marketing and Sales Consultancy](#)
- [Mktg 496: Marketing Analytics](#)
- [Mktg 525: Marketing Research](#)
- [Mktg 620: Advanced Directed Study](#)
- [Mktg 660: Applied Multivariate Statistics](#)
- [Mktg 661: Research Seminar: Methodology I](#)
- [Mktg 664: Methodology II-Measurement & Scaling](#)
- [Mktg 665: Causal Modeling in Marketing](#)
- [Mktg 666: Advanced Marketing Research Methods](#)
- [Mktg 668: Advanced Marketing Readings I](#)



- [Mktg 671: Preparing Research Proposals](#)
- [Mktg 672: Buyer Behavior and E-Commerce Strategies](#)
- [Mktg 695: Special Topics in Marketing](#)
- [Mktg 697: Thesis](#)
- [Mktg 760: Applied Quantitative Analysis](#)
- [Mktg 762: Marketing Management](#)
- [Mktg 764: Seminar in Marketing/Business Ethics](#)
- [Mktg 766: Advanced Studies in Consumer Behavior](#)
- [Mktg 768: Marketing Communication Thought](#)
- [Mktg 769: Theoretical Foundations of Marketing](#)

Management Information Systems

- [Mktg 770: Production and Operations Management](#)

Marketing

- [Mktg 771: Experimental Design & Analysis](#)
- [Mktg 772: Qualitative Research Methods](#)
- [Mktg 797: Dissertation](#)

College of Liberal Arts

Modern Languages

- [MIII 198: Elem. Study of Other Languages Abroad](#)
- [MIII 298: Intermed Study of Other Languages Abroad](#)
- [MIII 302: China Through Literature and Film](#)
- [MIII 346: Brazilian Literary Works & Cultural Doc](#)
- [MIII 348: Germ Lit Works & Cultural Doc in Trans](#)
- [MIII 350: Structure of a Less Commonly Taught Lang](#)
- [MIII 352: Women Writers of the Americas](#)
- [MIII 361: Introduction to World Cinema](#)
- [MIII 375: Introduction of Medieval Studies](#)
- [MIII 376: Renaissance and Early Modern Studies](#)
- [MIII 398: Adv. Study of Other Languages Abroad I](#)
- [MIII 399: Special Topics](#)
- [MIII 489: Power, Knowledge, and Gender](#)
- [MIII 541: Special Topics in Linguistics](#)
- [MIII 598: Adv. Study of Other Languages Abroad II](#)
- [MIII 599: Special Topics](#)

Military Science & Leadership

- [Msl 101: Leadership and Personal Development](#)
- [Msl 102: Basic Leadership and Management](#)
- [Msl 103: Foundations Officership & Basic Leader.](#)
- [Msl 105: Basic Training](#)
- [Msl 125: Leadership Fitness I](#)
- [Msl 126: Leadership Fitness II](#)
- [Msl 200: Intro to Military Science and Leadership](#)
- [Msl 201: Individual Leadership Studies](#)
- [Msl 202: Leadership and Teamwork](#)
- [Msl 203: Ranger Challenge](#)
- [Msl 225: Leadership Fitness III](#)
- [Msl 226: Leadership Fitness IV](#)
- [Msl 301: Leadership and Problem Solving](#)
- [Msl 302: Leadership and Ethics](#)
- [Msl 340: American Military Experience](#)
- [Msl 399: Research Sem. in Mil. Sci. & Leadership](#)
- [Msl 401: Leadership and Management](#)
- [Msl 402: Officership](#)

School of Pharmacy

Pharmacy Practice

- [Mspe 591: Medication Safety Practice Experience](#)



College of Liberal Arts

Music

- [Mus 100: Student Recital](#)
- [Mus 101: Introduction to Music Literature](#)
- [Mus 102: Fundamentals of Music Theory](#)
- [Mus 103: Introduction to Music](#)
- [Mus 104: Introduction to World Music Cultures](#)
- [Mus 105: Music Theory and Analysis I](#)
- [Mus 106: Music Theory and Analysis II](#)
- [Mus 110: Yoga for Performers](#)
- [Mus 111: Beginning Piano Class](#)
- [Mus 113: Fundamental Keyboard Musicianship I](#)
- [Mus 114: Fundamental Keyboard Musicianship II](#)
- [Mus 123: Jazz Ensemble](#)
- [Mus 124: Jazz Ensemble](#)
- [Mus 126: Wind Ensemble](#)
- [Mus 127: Clarinet Ensemble](#)
- [Mus 128: Clarinet Ensemble](#)
- [Mus 131: University Orchestra](#)
- [Mus 132: University Orchestra](#)
- [Mus 133: University Band](#)
- [Mus 134: University Band](#)
- [Mus 135: University Chorus](#)
- [Mus 136: University Chorus](#)
- [Mus 139: Concert Singers](#)
- [Mus 140: Concert Singers](#)
- [Mus 141: Steel Drum Ensemble](#)
- [Mus 142: Steel Drum Ensemble](#)
- [Mus 143: Early Music Performance Ensemble](#)
- [Mus 144: Early Music Performance Ensemble](#)
- [Mus 145: African Music Ensemble](#)
- [Mus 146: African Music Ensemble](#)
- [Mus 153: Summer Band](#)
- [Mus 155: Percussion Ensemble](#)
- [Mus 156: Percussion Ensemble](#)
- [Mus 157: Low Brass Ensemble](#)
- [Mus 158: Low Brass Ensemble](#)
- [Mus 161: String Class](#)
- [Mus 172: Sec Instr Methods: Flute](#)
- [Mus 173: Sec Instr Methods: Single Reeds](#)
- [Mus 174: Sec Instr Methods: Double Reeds](#)
- [Mus 187: Sec Instr Methods: High Brass](#)
- [Mus 189: Sec Instr Methods: Low Brass](#)
- [Mus 190: Sec Instr Methods: Percussion](#)
- [Mus 193: Summer Opera I](#)
- [Mus 195: Opera Theatre Workshop I](#)
- [Mus 196: Opera Production Workshop I](#)
- [Mus 197: Voice Class](#)
- [Mus 198: Vocal Methods for Instrumental Majors](#)
- [Mus 200: Topics in Music Abroad I](#)
- [Mus 204: World Music Cultures](#)
- [Mus 205: Music Theory and Analysis III](#)
- [Mus 206: Music Theory and Analysis IV](#)
- [Mus 207: Singers' Diction I](#)
- [Mus 208: Singers' Diction II](#)
- [Mus 213: Intermediate Keyboard Musicianship I](#)
- [Mus 214: Intermediate Keyboard Musicianship II](#)
- [Mus 223: Jazz Ensemble](#)
- [Mus 224: Jazz Ensemble](#)



- [Mus 226: Wind Ensemble](#)
- [Mus 227: Clarinet Ensemble](#)
- [Mus 228: Clarinet Ensemble](#)
- [Mus 231: University Orchestra](#)
- [Mus 232: University Orchestra](#)
- [Mus 233: University Band](#)
- [Mus 234: University Band](#)
- [Mus 235: University Chorus](#)
- [Mus 236: University Chorus](#)
- [Mus 237: Instrumental Chamber Ensemble](#)
- [Mus 238: Instrumental Chamber Ensemble](#)
- [Mus 239: Concert Singers](#)
- [Mus 240: Concert Singers](#)
- [Mus 241: Steel Drum Ensemble](#)
- [Mus 242: Steel Drum Ensemble](#)
- [Mus 243: Early Music Performance Ensemble](#)
- [Mus 244: Early Music Performance Ensemble](#)
- [Mus 245: African Music Ensemble](#)
- [Mus 246: African Music Ensemble](#)
- [Mus 253: Summer Band](#)
- [Mus 255: Percussion Ensemble](#)
- [Mus 256: Percussion Ensemble](#)
- [Mus 257: Low Brass Ensemble](#)
- [Mus 258: Low Brass Ensemble](#)
- [Mus 293: Summer Opera II](#)
- [Mus 295: Opera Theatre Workshop II](#)
- [Mus 296: Opera Production Workshop II](#)
- [Mus 301: History of Music I](#)
- [Mus 302: History of Music II](#)
- [Mus 303: Vocal Literature I](#)
- [Mus 304: Vocal Literature II](#)
- [Mus 305: Form & Analysis I](#)
- [Mus 308: Accompanying](#)
- [Mus 309: Composition I](#)
- [Mus 310: Composition II](#)
- [Mus 311: Introduction to Music Education](#)
- [Mus 312: Keyboard Literature](#)
- [Mus 313: American Musical Theatre](#)
- [Mus 315: Fundamentals of Conducting](#)
- [Mus 316: Instrumental Conducting](#)
- [Mus 323: Jazz Ensemble](#)
- [Mus 324: Jazz Ensemble](#)
- [Mus 325: Techniques of Marching Band](#)
- [Mus 326: Wind Ensemble](#)
- [Mus 327: Clarinet Ensemble](#)
- [Mus 328: Clarinet Ensemble](#)
- [Mus 329: Music for Children](#)
- [Mus 330: Selected Topics in Music](#)
- [Mus 331: University Orchestra](#)
- [Mus 332: University Orchestra](#)
- [Mus 333: University Band](#)
- [Mus 334: University Band](#)
- [Mus 335: University Chorus](#)
- [Mus 336: University Chorus](#)
- [Mus 337: Instrumental Chamber Ensemble](#)
- [Mus 338: Instrumental Chamber Ensemble](#)
- [Mus 339: Concert Singers](#)
- [Mus 340: Concert Singers](#)
- [Mus 341: Steel Drum Ensemble](#)



- [Mus 342: Steel Drum Ensemble](#)
- [Mus 343: Early Music Performance Ensemble](#)
- [Mus 344: Early Music Performance Ensemble](#)
- [Mus 345: African Music Ensemble](#)
- [Mus 346: African Music Ensemble](#)
- [Mus 347: Introduction to Music Technology](#)
- [Mus 353: Summer Band](#)
- [Mus 355: Percussion Ensemble](#)
- [Mus 356: Percussion Ensemble](#)
- [Mus 357: Low Brass Ensemble](#)
- [Mus 358: Low Brass Ensemble](#)
- [Mus 371: Elementary School Music](#)
- [Mus 375: Instrumental Music Methods](#)
- [Mus 376: Teaching Music in Elem School-Strings](#)
- [Mus 381: Choral Conducting I](#)
- [Mus 383: Choral Methods & Administration](#)
- [Mus 384: Choral Literature & Arranging](#)
- [Mus 385: Instrumental Music Pedagogy](#)
- [Mus 393: Summer Opera III](#)
- [Mus 395: Opera Theatre Workshop III](#)
- [Mus 396: Opera Production Workshop III](#)
- [Mus 398: Solo Recital](#)
- [Mus 400: Topics in Music Abroad II](#)
- [Mus 403: Composition III](#)
- [Mus 404: Composition IV](#)
- [Mus 405: Instrumental Arranging](#)
- [Mus 414: Piano Pedagogy](#)
- [Mus 422: Teaching Assessment and Classroom Mgmt](#)
- [Mus 423: Jazz Ensemble](#)
- [Mus 424: Jazz Ensemble](#)
- [Mus 426: Wind Ensemble](#)
- [Mus 427: Clarinet Ensemble](#)
- [Mus 428: Clarinet Ensemble](#)
- [Mus 431: University Orchestra](#)
- [Mus 432: University Orchestra](#)
- [Mus 433: University Band](#)
- [Mus 434: University Band](#)
- [Mus 435: University Chorus](#)
- [Mus 436: University Chorus](#)
- [Mus 437: Instrumental Chamber Ensemble](#)
- [Mus 438: Instrumental Chamber Ensemble](#)
- [Mus 439: Concert Singers](#)
- [Mus 440: Concert Singers](#)
- [Mus 441: Steel Drum Ensemble](#)
- [Mus 442: Steel Drum Ensemble](#)
- [Mus 443: Early Music Performance Ensemble](#)
- [Mus 444: Early Music Performance Ensemble](#)
- [Mus 445: African Music Ensemble](#)
- [Mus 446: African Music Ensemble](#)
- [Mus 453: Summer Band](#)
- [Mus 455: Percussion Ensemble](#)
- [Mus 456: Percussion Ensemble](#)
- [Mus 457: Low Brass Ensemble](#)
- [Mus 458: Low Brass Ensemble](#)
- [Mus 493: Summer Opera IV](#)
- [Mus 495: Opera Theatre Workshop IV](#)
- [Mus 496: Opera Production Workshop IV](#)
- [Mus 497: Senior Thesis](#)
- [Mus 498: Musical Synthesis and Assessment](#)



- [Mus 500: German for Musicians](#)
- [Mus 501: Music of the Medieval/Renaissance Period](#)
- [Mus 502: Music of the Baroque Period](#)
- [Mus 503: Music of the Classical Period](#)
- [Mus 504: Music of the Romantic Period](#)
- [Mus 505: Analysis I](#)
- [Mus 506: Analysis II](#)
- [Mus 507: Analysis III: 20th Century](#)
- [Mus 508: Advanced Ear Training](#)
- [Mus 509: Composition V](#)
- [Mus 510: Composition VI](#)
- [Mus 512: 16th Century Counterpoint](#)
- [Mus 513: Music Since 1900](#)
- [Mus 514: 18th Century Counterpoint](#)
- [Mus 515: History of Opera](#)
- [Mus 516: History and Lit of Hymnody in America](#)
- [Mus 517: Afri-American Musical Traditions](#)
- [Mus 518: History of Jazz](#)
- [Mus 519: Instrumental and Vocal Arranging](#)
- [Mus 520: Introduction to Music Research](#)
- [Mus 521: Advanced Singer's Diction I](#)
- [Mus 522: Advanced Singer's Diction II](#)
- [Mus 523: Advanced Instrumental Directing](#)
- [Mus 524: Advanced Choral Methods](#)
- [Mus 525: Advanced Techniques of Marching Band](#)
- [Mus 526: History of Music in the United States](#)
- [Mus 527: Jazz Ensemble](#)
- [Mus 528: Jazz Ensemble](#)
- [Mus 529: Vocal Pedagogy](#)
- [Mus 530: Special Projects in Music Education](#)
- [Mus 531: University Orchestra](#)
- [Mus 532: University Orchestra](#)
- [Mus 533: University Band](#)
- [Mus 534: University Band](#)
- [Mus 536: Kodaly Music Education in America](#)
- [Mus 537: Instrumental Chamber Ensemble](#)
- [Mus 538: Instrumental Chamber Ensemble](#)
- [Mus 539: Concert Singers](#)
- [Mus 540: Concert Singers](#)
- [Mus 541: Steel Drum Ensemble](#)
- [Mus 542: Steel Drum Ensemble](#)
- [Mus 543: Early Music Performance Ensemble](#)
- [Mus 544: Early Music Performance Ensemble](#)
- [Mus 545: University Chorus](#)
- [Mus 546: University Chorus](#)
- [Mus 547: Music Technology I](#)
- [Mus 548: Psychology of Music](#)
- [Mus 551: Orff Level I](#)
- [Mus 552: Music Theory Practicum](#)
- [Mus 553: Special Topics in Musicology](#)
- [Mus 555: African Music Ensemble](#)
- [Mus 556: African Music Ensemble](#)
- [Mus 557: Percussion Ensemble](#)
- [Mus 558: Percussion Ensemble](#)
- [Mus 559: Special Topics in Music Theory](#)
- [Mus 560: Music Theory Pedagogy](#)
- [Mus 561: Symphonic Literature](#)
- [Mus 562: Advanced Choral Literature](#)
- [Mus 563: Chamber Music Literature](#)



- [Mus 565: Instrumental Solo Literature](#)
- [Mus 567: Wind Ensemble](#)
- [Mus 569: Secondary Violin/Viola](#)
- [Mus 570: Secondary Cello/Bass](#)
- [Mus 572: Secondary Woodwind Instruments](#)
- [Mus 573: Secondary Woodwind Instruments](#)
- [Mus 574: Secondary Woodwind Instruments](#)
- [Mus 575: Perspectives in World Music](#)
- [Mus 576: Topics in Ethnomusicology](#)
- [Mus 577: Diasporic African Music Cultures](#)
- [Mus 582: Secondary Brass Instruments](#)
- [Mus 590: Secondary Percussion Instruments](#)
- [Mus 592: Secondary Keyboard Instruments](#)
- [Mus 593: Summer Opera V](#)
- [Mus 595: Opera Theatre Workshop V](#)
- [Mus 596: Opera Production Workshop V](#)
- [Mus 597: Opera Theatre Workshop VI](#)
- [Mus 598: Opera Production Workshop VI](#)
- [Mus 600: Topics in Music Abroad](#)
- [Mus 605: Pedagogy of Music Performance I](#)
- [Mus 607: Wind Band Literature](#)
- [Mus 608: Advanced Keyboard Literature](#)
- [Mus 613: Directed Individual Study](#)
- [Mus 614: Directed Individual Study](#)
- [Mus 615: Advanced Conducting](#)
- [Mus 616: Advanced Conducting](#)
- [Mus 619: Foundations of Music Education](#)
- [Mus 620: Research in Music Education](#)
- [Mus 622: Seminar in Music Education](#)
- [Mus 623: Advanced Song Literature](#)
- [Mus 624: Advanced Opera & Oratorio Literature](#)
- [Mus 626: Music in the Elementary School](#)
- [Mus 630: Schenkerian Analysis I](#)
- [Mus 652: Secondary Voice](#)
- [Mus 680: Introduction to Ethnomusicology](#)
- [Mus 682: Ethnographic Research Methods](#)
- [Mus 695: Public Recital](#)
- [Mus 697: Thesis](#)
- [Mus 713: Internship](#)
- [Mus 714: Internship](#)
- [Mus 717: Observation Research in Music Education](#)
- [Mus 718: Historical Research in Music Education](#)
- [Mus 727: Experimental Research in Music Edu](#)
- [Mus 797: Dissertation](#)

College of Liberal Arts

- [Muse 199: Introductory Topics in Museum Studies](#)
- [Muse 201: Introduction to Museum Practice](#)
- [Muse 301: Fundraising for Museums](#)
- [Muse 395: Topics in Museum Studies](#)
- [Muse 398: Topics in Museum Studies Abroad](#)
- [Muse 401: Internship in Museum Studies](#)

