

Academics

<u>Overview</u> <u>Calendar</u>

Regulations

<u>Services</u>

Programs

Minors

<u>Courses</u>

Faculty

Course Index

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 401: Thermo-fluid Dynamics
- M E 402: Elements of Propulsion
- M E 406: Alternative Energy Systems
- M E 416: Structures and Dynamics Laboratory
- M E 417: Projects
- M E 418: Projects
- <u>M E 419: Energy and Fluids Laboratory</u>
- M E 426: Kinematics: 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 527: Materials Processing
- M E 529: Aerodynamics
- M E 530: Physical Metallurgy
- M E 531: Mechanical Behavior of Engr Materials
- 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 541: Theory and Use of CAD and Solid Modeling
- M E 543: Linear Systems and Controls

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
- <u>Math 123: Trigonometry</u>
- 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
- <u>Math 301: Discrete Mathematics</u>
- Math 302: Applied Modern Algebra
- Math 305: Foundations of Mathematics
- Math 319: Introduction to Linear Algebra
- <u>Math 353: Elementary Differential Equations</u>
- Math 368: Introduction to Operations Research
- <u>Math 375: Introduction to Statistics I</u>
- Math 380: Statistical Computing and Data Analysis
- Math 390: Techniques in Teaching Sec. Level Math
- Math 397: Special Problems
- <u>Math 401: Combinatorics</u>
- 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 Statistics II
- Math 480: Introduction to Actuarial Science
- <u>Math 501: General Topology I</u>
- 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
- <u>Math 649: Continued Fractions</u>
- 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 720: Bayesian Statistics
- 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 201: Introduction to Engaged Learning
- 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: QSAR & AI for Drug Design
- 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 310: Alternative Sports Management
- Mgmt 311: High Performance Work Teams
- 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 496: Modern Management Skills
- 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 307: Systems Analysis and Design
- MIS 309: Management Information Systems
- MIS 317: Applied Business Analytics Platforms
- MIS 320: Business Analytics Programming
- MIS 330: Business Application Programming





- MIS 340: Mobile App Development for Business
- MIS 350: Managing Enterprise Technology
- MIS 360: Cybersecurity and Information Assurance
- MIS 370: Introduction to ERP with SAP
- MIS 380: Topics in MIS Abroad
- MIS 395: Honors Thesis in Mgmt Info Systems
- MIS 408: Database Mgmt for Business Analytics
- MIS 409: Application of DB and Data Analytics
- MIS 412: Client-side Web Application Development
- MIS 419: Server-side Application Programming
- 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, Analytics & Prof Sales

- 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: Sales Technologies and CRM Strategies
- 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: Business 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
- <u>Mktg 695: Special Topics in Marketing</u>
- Mktg 697: Thesis





- <u>Mktg 760: Applied Quantitative Analysis</u>
- <u>Mktg 762: Marketing Management</u>
- <u>Mktg 764: Seminar in Marketing/Business Ethics</u>
- 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, Analytics & Prof Sales

- Mktg 771: Experimental Design & Analysis
- Mktg 772: Qualitative Research Methods
- <u>Mktg 797: Dissertation</u>

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
- <u>MIII 599: Special Topics</u>

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
- <u>Msl 402: Officership</u>

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
- <u>Mus 103: Introduction to Music</u>
- 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 118: Fundamentals of Music Performance
- <u>Mus 123: Jazz Ensemble</u>
- <u>Mus 124: Jazz Ensemble</u>
- Mus 126: Wind Ensemble
- Mus 127: Clarinet Ensemble
- Mus 128: Clarinet Ensemble
- Mus 131: University Orchestra
- <u>Mus 132: University Orchestra</u>
- <u>Mus 133: University Band</u>
- Mus 134: University Band
- Mus 135: University Chorus
- Mus 136: University Chorus
- <u>Mus 139: Concert Singers</u>
- <u>Mus 140: Concert Singers</u>
- 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
- <u>Mus 155: Percussion Ensemble</u>
- <u>Mus 156: Percussion Ensemble</u>
- <u>Mus 157: Low Brass Ensemble</u>
- <u>Mus 158: Low Brass Ensemble</u>
- 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
- <u>Mus 195: Opera Theatre Workshop I</u>
- <u>Mus 196: Opera Production Workshop I</u>
- Mus 197: Voice Class

- Mus 204: World Music Cultures
- Mus 205: Music Theory and Analysis III
- Mus 206: Music Theory and Analysis IV
- <u>Mus 207: Singers' Diction I</u>
- <u>Mus 208: Singers' Diction II</u>
- Mus 213: Intermediate Keyboard Musicianship I
- Mus 214: Intermediate Keyboard Musicianship II
- <u>Mus 223: Jazz Ensemble</u>
- <u>Mus 224: Jazz Ensemble</u>
- <u>Mus 226: Wind Ensemble</u>
- <u>Mus 227: Clarinet Ensemble</u>



- Mus 198: Vocal Methods for Instrumental Majors
- Mus 200: Topics in Music Abroad I



- <u>Mus 228: Clarinet Ensemble</u>
- <u>Mus 231: University Orchestra</u>
- <u>Mus 232: University Orchestra</u>
- <u>Mus 233: University Band</u>
- <u>Mus 234: University Band</u>
- <u>Mus 235: University Chorus</u>
- <u>Mus 236: University Chorus</u>
- <u>Mus 237: Instrumental Chamber Ensemble</u>
- <u>Mus 238: Instrumental Chamber Ensemble</u>
- <u>Mus 239: Concert Singers</u>
- <u>Mus 240: Concert Singers</u>
- <u>Mus 241: Steel Drum Ensemble</u>
- <u>Mus 242: Steel Drum Ensemble</u>
- Mus 243: Early Music Performance Ensemble
- <u>Mus 244: Early Music Performance Ensemble</u>
- <u>Mus 245: African Music Ensemble</u>
- <u>Mus 246: African Music Ensemble</u>
- <u>Mus 253: Summer Band</u>
- <u>Mus 255: Percussion Ensemble</u>
- <u>Mus 256: Percussion Ensemble</u>
- <u>Mus 257: Low Brass Ensemble</u>
- <u>Mus 258: Low Brass Ensemble</u>
- <u>Mus 293: Summer Opera II</u>
- <u>Mus 295: Opera Theatre Workshop II</u>
- <u>Mus 296: Opera Production Workshop II</u>
- <u>Mus 301: History of Music I</u>
- <u>Mus 302: History of Music II</u>
- <u>Mus 303: Vocal Literature I</u>
- <u>Mus 304: Vocal Literature II</u>
- Mus 305: Form & Analysis I
- <u>Mus 308: Accompanying</u>
- <u>Mus 309: Composition I</u>
- <u>Mus 310: Composition II</u>
- Mus 311: Introduction to Music Education
- Mus 312: Keyboard Literature
- <u>Mus 313: American Musical Theatre</u>
- <u>Mus 315: Fundamentals of Conducting</u>
- Mus 316: Instrumental Conducting
- <u>Mus 323: Jazz Ensemble</u>
- <u>Mus 324: Jazz Ensemble</u>
- <u>Mus 325: Techniques of Marching Band</u>
- 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
- <u>Mus 335: University Chorus</u>
- Mus 336: University Chorus
- <u>Mus 337: Instrumental Chamber Ensemble</u>
- Mus 338: Instrumental Chamber Ensemble
- <u>Mus 339: Concert Singers</u>
- Mus 340: Concert Singers
- <u>Mus 341: Steel Drum Ensemble</u>
- Mus 342: Steel Drum Ensemble
- Mus 343: Early Music Performance Ensemble





- Mus 344: Early Music Performance Ensemble
- <u>Mus 345: African Music Ensemble</u>
- <u>Mus 346: African Music Ensemble</u>
- <u>Mus 347: Introduction to Music Technology</u>
- <u>Mus 353: Summer Band</u>
- Mus 355: Percussion Ensemble
- <u>Mus 356: Percussion Ensemble</u>
- <u>Mus 357: Low Brass Ensemble</u>
- <u>Mus 358: Low Brass Ensemble</u>
- Mus 371: Elementary School Music
- Mus 375: Instrumental Music Methods
- Mus 376: Teaching Music in Elem School-Strings
- <u>Mus 381: Choral Conducting I</u>
- <u>Mus 383: Choral Methods & Administration</u>
- <u>Mus 384: Choral Literature & Arranging</u>
- <u>Mus 385: Instrumental Music Pedagogy</u>
- Mus 393: Summer Opera III
- Mus 395: Opera Theatre Workshop III
- <u>Mus 396: Opera Production Workshop III</u>
- Mus 398: Solo Recital
- <u>Mus 400: Topics in Music Abroad II</u>
- <u>Mus 403: Composition III</u>
- Mus 404: Composition IV
- Mus 405: Instrumental Arranging
- <u>Mus 414: Piano Pedagogy</u>
- Mus 422: Teaching Assessment and Classroom Mgmt
- <u>Mus 423: Jazz Ensemble</u>
- <u>Mus 424: Jazz Ensemble</u>
- <u>Mus 426: Wind Ensemble</u>
- <u>Mus 427: Clarinet Ensemble</u>
- <u>Mus 428: Clarinet Ensemble</u>
- <u>Mus 431: University Orchestra</u>
- Mus 432: University Orchestra
- <u>Mus 433: University Band</u>
- <u>Mus 434: University Band</u>
- <u>Mus 435: University Chorus</u>
- <u>Mus 436: University Chorus</u>
- <u>Mus 437: Instrumental Chamber Ensemble</u>
- Mus 438: Instrumental Chamber Ensemble
- <u>Mus 439: Concert Singers</u>
- 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 444: Early Music Performance Enser
- <u>Mus 445: African Music Ensemble</u>
- <u>Mus 446: African Music Ensemble</u>
- Mus 453: Summer Band
- <u>Mus 455: Percussion Ensemble</u>
- <u>Mus 456: Percussion Ensemble</u>
- <u>Mus 457: Low Brass Ensemble</u>
- 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
- <u>Mus 500: German for Musicians</u>
- Mus 501: Music of the Medieval/Renaissance Period





- Mus 502: Music of the Baroque Period
- Mus 503: Music of the Classical Period
- <u>Mus 504: Music of the Romantic Period</u>
- <u>Mus 505: Analysis I</u>
- Mus 506: Analysis II
- <u>Mus 507: Analysis III: 20th Century</u>
- <u>Mus 508: Advanced Ear Training</u>
- <u>Mus 509: Composition V</u>
- Mus 510: Composition VI
- Mus 512: 16th Century Counterpoint
- Mus 513: Music Since 1900
- Mus 514: 18th Century Counterpoint
- <u>Mus 515: History of Opera</u>
- Mus 516: History and Lit of Hymnody in America
- <u>Mus 517: Afri-American Musical Traditions</u>
- 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
- <u>Mus 524: Advanced Choral Methods</u>
- Mus 525: Advanced Techniques of Marching Band
- Mus 526: History of Music in the United States
- Mus 527: Jazz Ensemble
- <u>Mus 528: Jazz Ensemble</u>
- <u>Mus 529: Vocal Pedagogy</u>
- Mus 530: Special Projects in Music Education
- <u>Mus 531: University Orchestra</u>
- <u>Mus 532: University Orchestra</u>
- Mus 533: University Band
- Mus 534: University Band
- <u>Mus 536: Kodaly Music Education in America</u>
- Mus 537: Instrumental Chamber Ensemble
- Mus 538: Instrumental Chamber Ensemble
- Mus 539: Concert Singers
- <u>Mus 540: Concert Singers</u>
- Mus 541: Steel Drum Ensemble
- Mus 542: Steel Drum Ensemble
- Mus 543: Early Music Performance Ensemble
- Mus 544: Early Music Performance Ensemble
- <u>Mus 545: University Chorus</u>
- Mus 546: University Chorus
- <u>Mus 547: Music Technology I</u>
- Mus 548: Psychology of Music
- Mus 551: Orff Level I
- Mus 552: Music Theory Practicum
- <u>Mus 553: Special Topics in Musicology</u>
- Mus 555: African Music Ensemble
- Mus 556: African Music Ensemble
- Mus 557: Percussion Ensemble
- <u>Mus 558: Percussion Ensemble</u>
- Mus 559: Special Topics in Music Theory
- Mus 560: Music Theory Pedagogy
- Mus 561: Symphonic Literature
- <u>Mus 562: Advanced Choral Literature</u>
- Mus 563: Chamber Music Literature
- <u>Mus 565: Instrumental Solo Literature</u>
- <u>Mus 567: Wind Ensemble</u>





- <u>Mus 569: Secondary Violin/Viola</u>
- <u>Mus 570: Secondary Cello/Bass</u>
- 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
- <u>Mus 595: Opera Theatre Workshop V</u>
- <u>Mus 596: Opera Production Workshop V</u>
- Mus 597: Opera Theatre Workshop VI
- Mus 598: Opera Production Workshop VI
- <u>Mus 600: Topics in Music Abroad</u>
- Mus 605: Pedagogy of Music Performance I
- <u>Mus 607: Wind Band Literature</u>
- Mus 608: Advanced Keyboard Literature
- Mus 613: Directed Individual Study
- <u>Mus 614: Directed Individual Study</u>
- <u>Mus 615: Advanced Conducting</u>
- Mus 616: Advanced Conducting
- Mus 619: Foundations of Music Education
- Mus 620: Research in Music Education
- Mus 622: Seminar in Music Education
- <u>Mus 623: Advanced Song Literature</u>
- Mus 624: Advanced Opera & Oratorio Literature
- Mus 626: Music in the Elementary School
- Mus 630: Schenkerian Analysis I
- <u>Mus 652: Secondary Voice</u>
- 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
- <u>Muse 301: Fundraising for Museums</u>
- Muse 360: Museums on Location
- Muse 395: Topics in Museum Studies
- Muse 398: Topics in Museum Studies Abroad
- <u>Muse 401: Internship in Museum Studies</u>

