

Academics

Overview Calendar Regulations

Services

Programs

Minors

Courses

Faculty

Course Index

W SCHOOL OF ENGINEERING

MECHANICAL ENGINEERING

- M E 101: Introduction to Mechanical Engineering
- M E 201: Engineering Graphics Fundamentals
- <u>M E 324: Introduction to Mechanical Design</u>
- <u>M E 325: Intermediate Dynamics</u>
- 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 405: Modern Energy Conversion
- 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
- <u>M E 421: Structural Analysis</u>
- M E 422: Structural Design I
- <u>M E 426: Kinematics: Analysis and Synthesis</u>
- <u>M E 427: Kinematic Analysis and Synthesis</u>
- <u>M E 428: Dynamics of Machinery</u>
- 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
- <u>M E 525: Advanced Dynamics</u>
- <u>M E 526: Experimental Methods</u>
- <u>M E 527: Materials Processing</u>
- M E 528: Polymer Processing
- <u>M E 529: Aerodynamics</u>
- 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
- Man 330: Special Topics in Manufacturing
 Manf 397: Special Topics in Manufacturing
- Mani 397. Special Topics in Manufacturing
 Manf 450: Practical Problem Solving in Manf
- Mant 450: Practical Problem Solving in Man
- 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 110: Quantitative Reasoning
- Math 115: Elementary Statistics
- 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
- 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
- <u>Math 501: General Topology I</u>
- <u>Math 502: General Topology II</u>
- Math 513: Theory of Numbers I
- Main 513. Theory of Numbers I
- Math 514: Theory of Numbers II
- Math 519: Matrices
- <u>Math 520: Linear Algebra</u>
- Math 525: Introduction to Abstract Algebra I
- <u>Math 526: Introduction to Abstract Algebra II</u>
- 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 681: Graph Theory I
- Math 697: Thesis
- <u>Math 700: Seminar in Topology</u>
- 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: Statistical Methods I
- Math 775: Advanced Statistics I
- Math 776: Advanced Statistics II
- Math 777: Seminar in Statistics
- Math 780: Seminar in Graph Theory
- 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: Managerial Accounting
- MBA 621: Statistical Analysis
- 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 411: Medicinal Chem of Therapeutic Agents I
- Medc 412: Medicinal Chem of Therapeutic Agents II
- 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 621: Theory of Technology Development
- Medc 622: Early Stages of Technology Development
- Medc 623: Fostering Creative Environments
- Medc 625: Applied Igert Problems
- Medc 630: Pharmaceutical Protein Design & Devel
- Medc 697: Thesis
- Medc 709: Drug Action & Design V: Heterocyclic Com
- Medc 711: Drug Action & Design I: Intro to Com-Aid
- Medc 712: Drug Action & Design II: Quantit Struct-
- Medc 713: Drug Action & Design III: Drugs Affectin
- Medc 714: Drug Action & Design IV: Chemotherapy of
- Medc 718: Drug Action & Design Vi: Bioorganic Chem
- Medc 720: Drug Action & Design VII: Combinatorial
- Medc 797: Dissertation

SCHOOL OF EDUCATION TEACHER EDUCATION

- METP 101: Introduction to Education
- METP 102: Intro to the Teaching Profession
- METP 201: Methodology in Secondary English and Mat
- METP 202: Current Trends and Issues in K-12 Educat
- 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
- <u>Mgmt 371: Principles of Management</u>
- Mgmt 380: Topics in Management Abroad
- Mgmt 383: Human Resource Management
- Mgmt 391: Organizational Behavior
- Mgmt 392: Intercultural Business Communication
- <u>Mgmt 395: Honors Thesis in Management</u>
- Mgmt 396: Small Business Management
- <u>Mgmt 456: Venture Finance</u>
- Mgmt 466: Regulating Small Business & New Ventures
- Mgmt 476: Entrepreneurial Leadership & HRM
- Mgmt 484: Training and Development
- Mgmt 485: Selection and Placement
- Mgmt 486: Family Business Management
- 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
- <u>Mktg 358: Services Marketing</u>
- 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
- <u>Mktg 395: Honors Thesis in Marketing</u>





- Mktg 451: Marketing Policy and Strategy
- <u>Mktg 452: Global Marketing</u>
- <u>Mktg 458: Sales Management</u>
- Mktg 462: Distribution and Logistics Management
- <u>Mktg 465: Advanced Campaign Planning</u>
- Mktg 475: Analytical Tools for Supply Chain Mgmt.
- Mktg 477: Oper. & Supply Chain Planning/Control
- <u>Mktg 488: Retail Strategy</u>
- Mktg 494: Pharmaceutical Economics
- Mktg 495: Techniques of Pharmaceutical Sales
- Mktg 496: Principles of Pharmaceutical Marketing
- 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>
- 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

- <u>Mktg 771: Experimental Design & Analysis</u>
- <u>Mktg 772: Qualitative Research Methods</u>
- <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 Language 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
- <u>Msl 125: Leadership Fitness I</u>
- <u>Msl 126: Leadership Fitness II</u>
- Msl 200: Intro to Military Science and Leadership
- <u>Msl 201: Individual Leadership Studies</u>
- Msl 202: Leadership and Teamwork
- <u>Msl 203: Ranger Challenge</u>
- Msl 225: Leadership Fitness III
- <u>Msl 226: Leadership Fitness IV</u>
- Msl 301: Leadership and Problem Solving
- <u>Msl 302: Leadership and Ethics</u>
- 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

<u>MUSIC</u>

- <u>Mus 100: Student Recital</u>
- 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
- <u>Mus 110: Yoga for Performers</u>
- 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





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- Mus 173: Sec Instr Methods: Single Reeds
- <u>Mus 174: Sec Instr Methods: Double Reeds</u>
- Mus 187: Sec Instr Methods: High Brass
- <u>Mus 189: Sec Instr Methods: Low Brass</u>
- <u>Mus 190: Sec Instr Methods: Percussion</u>
- Mus 193: Summer Opera I
- <u>Mus 195: Opera Theatre Workshop I</u>
- Mus 196: Opera Production Workshop I
- <u>Mus 197: Voice Class</u>
- Mus 198: Vocal Methods for Instrumental Majors
- <u>Mus 200: Topics in Music Abroad I</u>
- 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 228: Clarinet Ensemble
- <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>
- Mus 238: Instrumental Chamber Ensemble
- <u>Mus 239: Concert Singers</u>
- <u>Mus 240: Concert Singers</u>
- Mus 241: Steel Drum Ensemble
- <u>Mus 242: Steel Drum Ensemble</u>
- Mus 243: Early Music Performance Ensemble
- Mus 244: Early Music Performance Ensemble
- Mus 245: African Music Ensemble
- Mus 246: African Music Ensemble
- <u>Mus 253: Summer Band</u>
- <u>Mus 255: Percussion Ensemble</u>
- Mus 256: Percussion Ensemble
- <u>Mus 257: Low Brass Ensemble</u>
- <u>Mus 258: Low Brass Ensemble</u>
- 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
- <u>Mus 308: Accompanying</u>
- <u>Mus 309: Composition I</u>
- <u>Mus 310: Composition II</u>
- Mus 311: Introduction to Music Education
- <u>Mus 312: Keyboard Literature</u>
- <u>Mus 313: American Musical Theatre</u>
- Mus 315: Fundamentals of Conducting





- <u>Mus 316: Instrumental Conducting</u>
- <u>Mus 323: Jazz Ensemble</u>
- <u>Mus 324: Jazz Ensemble</u>
- <u>Mus 325: Techniques of Marching Band</u>
- <u>Mus 326: Wind Ensemble</u>
- <u>Mus 327: Clarinet Ensemble</u>
- <u>Mus 328: Clarinet Ensemble</u>
- Mus 329: Music for Children
- <u>Mus 330: Selected Topics in Music</u>
- <u>Mus 331: University Orchestra</u>
- <u>Mus 332: University Orchestra</u>
- Mus 333: University Band
- Mus 334: University Band
- <u>Mus 335: University Chorus</u>
- <u>Mus 336: University Chorus</u>
- <u>Mus 337: Instrumental Chamber Ensemble</u>
- <u>Mus 338: Instrumental Chamber Ensemble</u>
- <u>Mus 339: Concert Singers</u>
- <u>Mus 340: Concert Singers</u>
- 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
- <u>Mus 347: Introduction to Music Technology</u>
- <u>Mus 353: Summer Band</u>
- <u>Mus 355: Percussion Ensemble</u>
- <u>Mus 356: Percussion Ensemble</u>
- <u>Mus 357: Low Brass Ensemble</u>
- Mus 358: Low Brass Ensemble
- 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>
- 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
- <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>
- Mus 427: Clarinet Ensemble
- Mus 428: Clarinet Ensemble
- Mus 431: University Orchestra
- Mus 432: University Orchestra
- Mus 433: University Band
- Mus 434: University Band
- <u>Mus 435: University Chorus</u>
- <u>Mus 436: University Chorus</u>





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- <u>Mus 437: Instrumental Chamber Ensemble</u>
- <u>Mus 438: Instrumental Chamber Ensemble</u>
- <u>Mus 439: Concert Singers</u>
- <u>Mus 440: Concert Singers</u>
- <u>Mus 441: Steel Drum Ensemble</u>
- <u>Mus 442: Steel Drum Ensemble</u>
- <u>Mus 443: Early Music Performance Ensemble</u>
- <u>Mus 444: Early Music Performance Ensemble</u>
- <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>
- <u>Mus 458: Low Brass Ensemble</u>
- <u>Mus 493: Summer Opera IV</u>
- Mus 495: Opera Theatre Workshop IV
- <u>Mus 496: Opera Production Workshop IV</u>
- <u>Mus 497: Senior Thesis</u>
- <u>Mus 498: Musical Synthesis and Assessment</u>
- <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
- Mus 504: Music of the Romantic Period
- <u>Mus 505: Analysis I</u>
- <u>Mus 506: Analysis II</u>
- Mus 507: Analysis III: 20th Century
- Mus 508: Advanced Ear Training
- <u>Mus 509: Composition V</u>
- Mus 510: Composition VI
- <u>Mus 512: 16th Century Counterpoint</u>
- Mus 513: Music Since 1900
- Mus 514: 18th Century Counterpoint
- Mus 515: History of Opera
- Mus 516: History and Lit of Hymnody in America
- <u>Mus 517: Afri-American Musical Traditions</u>
- <u>Mus 518: History of Jazz</u>
- Mus 519: Instrumental and Vocal Arranging
- <u>Mus 520: Introduction to Music Research</u>
- 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
- <u>Mus 529: Vocal Pedagogy</u>
- Mus 530: Special Projects in Music Education
- Mus 531: University Orchestra
- Mus 532: University Orchestra
- <u>Mus 533: University Band</u>
- Mus 534: University Band
- Mus 536: Kodaly Music Education in America
- Mus 537: Instrumental Chamber Ensemble
- Mus 538: Instrumental Chamber Ensemble
- <u>Mus 539: Concert Singers</u>
- Mus 540: Concert Singers





- Mus 541: Steel Drum Ensemble
- <u>Mus 542: Steel Drum Ensemble</u>
- Mus 543: Early Music Performance Ensemble
- Mus 544: Early Music Performance Ensemble
- <u>Mus 545: University Chorus</u>
- <u>Mus 546: University Chorus</u>
- <u>Mus 547: Music Technology I</u>
- Mus 548: Psychology of Music
- Mus 551: Orff Level I
- <u>Mus 552: Music Theory Practicum</u>
- <u>Mus 553: Special Topics in Musicology</u>
- <u>Mus 555: African Music Ensemble</u>
- <u>Mus 556: African Music Ensemble</u>
- <u>Mus 557: Percussion Ensemble</u>
- <u>Mus 558: Percussion Ensemble</u>
- <u>Mus 559: Special Topics in Music Theory</u>
- <u>Mus 560: Music Theory Pedagogy</u>
- <u>Mus 561: Symphonic Literature</u>
- <u>Mus 562: Advanced Choral Literature</u>
- <u>Mus 563: Chamber Music Literature</u>
- <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
- <u>Mus 575: Perspectives in World Music</u>
- <u>Mus 576: Topics in Ethnomusicology</u>
- <u>Mus 577: Diasporic African Music Cultures</u>
- Mus 582: Secondary Brass Instruments
- Mus 590: Secondary Percussion Instruments
- <u>Mus 592: Secondary Keyboard Instruments</u>
- <u>Mus 593: Summer Opera V</u>
- <u>Mus 595: Opera Theatre Workshop V</u>
- Mus 596: Opera Production Workshop V
- <u>Mus 597: Opera Theatre Workshop VI</u>
- 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
- <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
- Mus 652: Secondary Voice
- Mus 680: Introduction to Ethnomusicology
- Mus 682: Ethnographic Research Methods
- Mus 695: Public Recital
- Mus 697: Thesis
- <u>Mus 713: Internship</u>





- <u>Mus 714: Internship</u>
- <u>Mus 717: Observation Research in Music Education</u>
- <u>Mus 718: Historical Research in Music Education</u>
- <u>Mus 727: Experimental Research in Music Edu</u>
- <u>Mus 797: Dissertation</u>

COLLEGE OF LIBERAL ARTS

- Muse 199: Introductory Topics in Museum Studies
- <u>Muse 201: Introduction to Museum Practice</u>
- <u>Muse 301: Fundraising for Museums</u>
- <u>Muse 395: Topics in Museum Studies</u>
- Muse 398: Topics in Museum Studies Abroad
- <u>Muse 401: Internship in Museum Studies</u>

