

# Academics

<u>Overview</u>

Calendar

**Regulations** 

<u>Services</u>

Programs

**Minors** 

**Courses** 

Faculty

## Special Course Fees

This page provides a complete listing of all courses which include additional fees for supplies, lab-equipment, or other purposes.

## **COLLEGE OF LIBERAL ARTS**

- Neu 491: Directed Research in Neuroscience I
- Neu 492: Directed Research in Neuroscience II
- Neu 493: Neuroscience Capstone Directed Research
- <u>SOHE 329: Medical Humanities</u>

## **ART & ART HISTORY**

- Ared 361: Teaching of Art in the Elementary School
- <u>Art 101: Two-Dimensional Design</u>
- Art 102: Color Theory
- <u>Art 103: Three-Dimensional Design</u>
- <u>Art 110: Digital Media Foundations Core</u>
- Art 111: Drawing I
- Art 202: Photo Imaging
- Art 211: Drawing II
- <u>Art 310: Studio Art on Location</u>
- <u>Art 311: Figure Drawing I</u>
- <u>Art 312: Figure Drawing II</u>
- <u>Art 321: Beginning Painting</u>
- <u>Art 322: Intermediate Painting</u>
- Art 323: Plein Air: Painting the Landscape
- Art 326: Watercolor
- <u>Art 331: Beginning Sculpture</u>
- <u>Art 332: Intermediate Sculpture</u>
- Art 340: Beginning Ceramics
- Art 341: Pottery
- Art 342: Handbuilding
- <u>Art 343: Intensive Wheel Throwing</u>
- Art 360: Vector Imaging
- Art 361: Graphic Design I, Typography
- Art 362: Graphic Design II, Production Design
- Art 363: Illustration
- Art 364: Web Design I
- Art 366: Letterpress
- Art 371: Introduction Relief & Planographic Print
- <u>Art 372: Intro to Intaglio Printmaking</u>
- Art 373: Book Arts
- <u>Art 381: Introduction to Photography</u>
- <u>Art 382: Intermediate Photography</u>
- Art 383: Digital Photography
- Art 384: Digital Video I
- <u>Art 385: Intro Alternative Photographic Processes</u>
- Art 398: Special Topics in Art
- <u>Art 410: Art Internship</u>
- Art 411: Advanced Drawing





- Art 421: Painting
- <u>Art 426: Advanced Watercolor</u>
- <u>Art 431: Advanced Sculpture</u>
- <u>Art 432: Advanced Head Modeling</u>
- Art 433: Advanced Figure Modeling
- Art 441: Advanced Ceramics
- Art 442: Clay and Glaze Calculation
- Art 460: Graphic Design III, Package Design
- Art 461: Advanced Graphic Design and Illustration
- Art 465: Web Design II
- <u>Art 471: Advanced Printmaking</u>
- <u>Art 481: Advanced Photography</u>
- <u>Art 483: Advanced Digital Photography</u>
- <u>Art 484: Advanced Digital Video</u>
- <u>Art 490: Directed Individual Problems</u>
- <u>Art 492: Senior Seminar</u>
- Art 510: Studio Art on Location
- Art 511: Drawing
- <u>Art 512: Figure Drawing</u>
- Art 521: Painting
- Art 523: Plein Air
- Art 526: Watercolor
- Art 531: Sculpture
- <u>Art 532: Head Modeling</u>
- Art 533: Figure Modeling
- Art 541: Pottery and Ceramics
- <u>Art 542: Ceramic Material Research & Development</u>
- <u>Art 543: Advanced Wheel Throwing</u>
- <u>Art 560: Vector Imaging</u>
- <u>Art 561: Typography</u>
- Art 564: Web Design I
- Art 565: Web Design II
- Art 566: Letterpress Printing
- Art 571: Printmaking
- Art 573: Book Arts
- <u>Art 581: Black-And-White Photography</u>
- <u>Art 583: Digital Photography</u>
- <u>Art 584: Digital Video</u>
- <u>Art 585: Alternative Photographic Processes</u>
- <u>Art 598: Special Topics in Studio Art</u>
- Art 611: Drawing
- Art 621: Painting
- Art 631: Sculpture
- Art 641: Pottery and Ceramics
- <u>Art 661: Advanced Typography</u>
- Art 664: Web Design I
- Art 671: Printmaking
- Art 683: Digital Photography
- <u>Art 691: Directed Individual Problems</u>

#### **BIOLOGY**

- Bisc 103: Inquiry into Life Laboratory I
- Bisc 105: Inquiry into Life Laboratory II
- Bisc 161: Biological Sciences I Laboratory
- Bisc 163: Biological Sciences II Laboratory
- Bisc 206: Human Anatomy and Physiology I
- Bisc 207: Human Anatomy and Physiology II
- Bisc 210: Principles of Microbiology
- Bisc 318: Botany
- Bisc 321: Introductory Aquatic Biology





- Bisc 322: General Ecology
- Bisc 329: Biology of Fishes
- Bisc 330: Introductory Physiology
- Bisc 331: Comparative Anatomy of the Vertebrates
- Bisc 332: Comparative Embryology of Vertebrates
- Bisc 333: General Microbiology
- Bisc 334: Ornithology
- Bisc 336: Genetics
- Bisc 337: Introductory Entomology
- Bisc 338: Invertebrate Zoology
- Bisc 339: Phycology
- Bisc 342: Plant Diversity
- Bisc 350: Mammalogy
- Bisc 415: Vertebrate Histology
- Bisc 416: Elementary Parasitology
- Bisc 427: Methods in Comparative Neuroscience
- Bisc 435: Research in Freshwater Biology
- Bisc 438: Microbial Physiology
- Bisc 440: Cell and Molecular Biology
- Bisc 491: Directed Study in Biological Sciences I
- Bisc 492: Directed Study in Biological Sciences II
- Bisc 493: Capstone Directed Study
- Bisc 502: Mycology
- Bisc 504: Biometry
- Bisc 613: Plant Ecology
- Bisc 639: Insect Morphology

#### **CHEMISTRY & BIOCHEMISTRY**

- <u>Chem 101: Chemical Concepts</u>
- <u>Chem 113: Survey of Chemistry Laboratory I</u>
- Chem 114: Survey of Chemistry Laboratory II
- Chem 115: General Chemistry Laboratory I
- Chem 116: General Chemistry Laboratory II
- Chem 121: Fundamentals of Organic Chemistry
- Chem 221: Elementary Organic Chemistry I
- Chem 222: Elementary Organic Chemistry II
- Chem 225: Elementary Organic Chem. Laboratory I
- Chem 226: Elementary Organic Chem. Laboratory II
- <u>Chem 251: Introduction to Individual Research</u>
- <u>Chem 314: Quantitative Analysis</u>
- Chem 319: Chem & Phys Methods of Forensic Chem
- <u>Chem 337: Physical Chemistry Laboratory I</u>
- Chem 351: Individual Research
- Chem 401: Inorganic Chemistry
- Chem 402: Inorganic Chemistry Laboratory
- Chem 423: Organic Analysis
- Chem 463: Senior Research and Discovery
- Chem 469: Introduction to Instrumental Analysis
- Chem 470: Forensic DNA Analysis
- <u>Chem 472: Biochemistry Laboratory</u>
- Chem 512: Advanced Instrumental Analysis
- Chem 514: Fundamentals of Electrochemistry

#### **ECONOMICS**

- Econ 202: Principles of Microeconomics
- Econ 203: Principles of Macroeconomics
- Econ 230: Economic Statistics I
- Econ 302: Economic Statistics II





## **MATHEMATICS**

- Math 115: Elementary Statistics
- <u>Math 120: Quantitative Reasoning</u>
- Math 121: College Algebra
- <u>Math 123: Trigonometry</u>
- Math 125: Basic Mathematics for Science & Eng
- 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

## **MUSIC**

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





- Clar 100: Preparatory Clarinet
- <u>Clar 121: Freshman Clarinet I</u>
- <u>Clar 122: Freshman Clarinet II</u>
- <u>Clar 221: Sophomore Clarinet I</u>
- <u>Clar 222: Sophomore Clarinet II</u>
- Clar 241: Sophomore Clarinet Performance I
- Clar 242: Sophomore Clarinet Performance II
- <u>Clar 321: Junior Clarinet I</u>
- Clar 322: Junior Clarinet II
- Clar 341: Junior Clarinet Performance I
- Clar 342: Junior Clarinet Performance II
- <u>Clar 421: Senior Clarinet I</u>
- <u>Clar 422: Senior Clarinet II</u>
- Clar 441: Senior Clarinet Performance I
- Clar 442: Senior Clarinet Performance II
- <u>Clar 521: Advanced Clarinet I</u>
- Clar 522: Advanced Clarinet II
- Clar 541: Advanced Clarinet Performance I
- Clar 542: Advanced Clarinet Performance II
- Clar 621: Graduate Clarinet I
- Clar 622: Graduate Clarinet II
- Clar 641: Graduate Clarinet Performance I
- Clar 642: Graduate Clarinet Performance II
- Flut 100: Preparatory Flute
- Flut 121: Freshman Flute I
- Flut 122: Freshman Flute II
- Flut 221: Sophomore Flute I
- Flut 222: Sophomore Flute II
- Flut 241: Sophomore Flute Performance I
- Flut 242: Sophomore Flute Performance II
- Flut 321: Junior Flute I
- Flut 322: Junior Flute II
- Flut 341: Junior Flute Performance I
- Flut 342: Junior Flute Performance II
- Flut 421: Senior Flute I
- Flut 422: Senior Flute II
- Flut 441: Senior Flute Performance I
- Flut 442: Senior Flute Performance II
- Flut 521: Advanced Flute I
- Flut 522: Advanced Flute II
- Flut 541: Advanced Flute Performance I
- Flut 542: Advanced Flute Performance II
- Flut 621: Graduate Flute I
- Flut 622: Graduate Flute II
- Flut 641: Graduate Flute Performance I
- Flut 642: Graduate Flute Performance II
- Frhn 100: Preparatory French Horn
- Frhn 121: Freshman French Horn I
- Frhn 122: Freshman French Horn II
- Frhn 221: Sophomore French Horn I
- Frhn 222: Sophomore French Horn II
- Thin 222. Sophomore Flench Hollin
- <u>Frhn 241: Sophomore French Horn Performance I</u>
- Frhn 242: Sophomore French Horn Performance II
- Frhn 321: Junior French Horn I
- Frhn 322: Junior French Horn II
- Frhn 341: Junior French Horn Performance I
- Frhn 342: Junior French Horn Performance II
- Frhn 421: Senior French Horn I
- Frhn 422: Senior French Horn II



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- <u>Frhn 441: Senior French Horn Performance I</u>
- Frhn 442: Senior French Horn Performance II
- <u>Frhn 521: Advanced French Horn I</u>
- <u>Frhn 522: Advanced French Horn II</u>
- Frhn 541: Advanced French Horn Performance I
- Frhn 542: Advanced French Horn Performance II
- <u>Frhn 621: Graduate French Horn I</u>
- Frhn 622: Graduate French Horn II
- Frhn 641: Graduate French Horn Performance I
- Frhn 642: Graduate French Horn Performance II
- Hrps 121: Freshman Harpsichord
- Hrps 221: Sophomore Harpsichord
- Hrps 321: Junior Harpsichord
- Hrps 421: Senior Harpsichord
- Hrps 521: Advanced Harpsichord I
- Hrps 522: Advanced Harpsichord II
- Mus 103: Introduction to Music
- Mus 161: String Class
- <u>Mus 172: Sec Instr Methods: Flute</u>
- Mus 173: Sec Instr Methods: Single Reeds
- Mus 187: Sec Instr Methods: High Brass
- <u>Mus 347: Introduction to Music Technology</u>
- Oboe 100: Preparatory Oboe
- Oboe 121: Freshman Oboe I
- Oboe 122: Freshman Oboe II
- Oboe 221: Sophomore Oboe I
- Oboe 222: Sophomore Oboe II
- Oboe 241: Sophomore Oboe Performance I
- Oboe 242: Sophomore Oboe Performance II
- Oboe 321: Junior Oboe I
- Oboe 322: Junior Oboe II
- Oboe 341: Junior Oboe Performance I
- Oboe 342: Junior Oboe Performance II
- Oboe 421: Senior Oboe I
- Oboe 422: Senior Oboe II
- Oboe 441: Senior Oboe Performance I
- Oboe 442: Senior Oboe Performance II
- Oboe 521: Advanced Oboe I
- Oboe 522: Advanced Oboe II
- Oboe 541: Advanced Oboe Performance I
- Oboe 542: Advanced Oboe Performance II
- Oboe 621: Graduate Oboe I
- Oboe 622: Graduate Oboe II
- Oboe 641: Graduate Oboe Performance I
- Oboe 642: Graduate Oboe Performance II
- Orgn 100: Preparatory Organ
- Orgn 121: Freshman Organ I
- Orgn 122: Freshman Organ II
- Orgn 221: Sophomore Organ I
- Orgn 222: Sophomore Organ II
- Orgn 321: Junior Organ I
- Orgn 322: Junior Organ II
- Orgn 421: Senior Organ I
- Orgn 422: Senior Organ II
- Orgn 521: Advanced Organ I
- Orgn 522: Advanced Organ II
- Perc 100: Preparatory Percussion Instruments
- Perc 121: Freshman Percussion I
- Perc 122: Freshman Percussion II





- Perc 221: Sophomore Percussion I
- Perc 222: Sophomore Percussion II
- Perc 241: Sophomore Percussion Performance I
- Perc 242: Sophomore Percussion Performance II
- Perc 321: Junior Percussion I
- Perc 322: Junior Percussion II
- Perc 341: Junior Percussion Performance I
- Perc 342: Junior Percussion Performance II
- Perc 421: Senior Percussion I
- Perc 422: Senior Percussion II
- Perc 441: Senior Percussion Performance I
- Perc 442: Senior Percussion Performance II
- Perc 521: Advanced Percussion I
- Perc 522: Advanced Percussion II
- Perc 541: Advanced Percussion Performance I
- Perc 542: Advanced Percussion Performance II
- Perc 621: Graduate Percussion I
- Perc 622: Graduate Percussion II
- Perc 641: Graduate Percussion Performance I
- Perc 642: Graduate Percussion Performance II
- Pian 100: Preparatory Piano
- Pian 121: Freshman Piano I
- Pian 122: Freshman Piano II
- Pian 221: Sophomore Piano I
- Pian 222: Sophomore Piano II
- Pian 241: Sophomore Piano Performance I
- Pian 242: Sophomore Piano Performance II
- Pian 321: Junior Piano I
- Pian 322: Junior Piano II
- Pian 341: Junior Piano Performance I
- Pian 342: Junior Piano Performance II
- Pian 421: Senior Piano I
- Pian 422: Senior Piano II
- Pian 441: Senior Piano Performance I
- Pian 442: Senior Piano Performance II
- Pian 521: Advanced Piano I
- Pian 522: Advanced Piano II
- Pian 541: Advanced Piano Performance I
- Pian 542: Advanced Piano Performance II
- Pian 621: Graduate Piano I
- Pian 622: Graduate Piano II
- Pian 641: Graduate Piano Performance I
- Pian 642: Graduate Piano Performance II
- Saxn 100: Preparatory Saxophone
- Saxn 121: Freshman Saxophone I
- Saxn 122: Freshman Saxophone II
- Saxn 221: Sophomore Saxophone I
- Saxn 222: Sophomore Saxophone II
- Saxn 241: Sophomore Saxophone Performance I
- Saxn 242: Sophomore Saxophone Performance II
- <u>Saxn 321: Junior Saxophone I</u>
- Saxn 322: Junior Saxophone II
- Saxn 341: Junior Saxophone Performance I
- Saxn 342: Junior Saxophone Performance II
- Saxn 421: Senior Saxophone I
- Saxn 422: Senior Saxophone II
- Saxn 441: Senior Saxophone Performance I
- Saxn 442: Senior Saxophone Performance II
- Saxn 521: Advanced Saxophone I





- Saxn 522: Advanced Saxophone II
- Saxn 541: Advanced Saxophone Performance I
- <u>Saxn 542: Advanced Saxophone Performance II</u>
- <u>Saxn 621: Graduate Saxophone I</u>
- Saxn 622: Graduate Saxophone II
- Saxn 641: Graduate Saxophone Performance I
- Saxn 642: Graduate Saxophone Performance II
- <u>Stbs 100: Preparatory String Bass</u>
- <u>Stbs 121: Freshman String Bass I</u>
- <u>Stbs 122: Freshman String Bass II</u>
- <u>Stbs 221: Sophomore String Bass I</u>
- <u>Stbs 222: Sophomore String Bass II</u>
- <u>Stbs 241: Sophomore String Bass Performance I</u>
- Stbs 242: Sophomore String Bass Performance II
- <u>Stbs 321: Junior String Bass I</u>
- <u>Stbs 322: Junior String Bass II</u>
- <u>Stbs 341: Junior String Bass Performance I</u>
- Stbs 342: Junior String Bass Performance II
- <u>Stbs 421: Senior String Bass I</u>
- <u>Stbs 422: Senior String Bass II</u>
- <u>Stbs 441: Senior String Bass Performance I</u>
- <u>Stbs 442: Senior String Bass Performance II</u>
- Stbs 521: Advanced String Bass I
- Stbs 522: Advanced String Bass II
- Stbs 541: Advanced String Bass Performance I
- Stbs 542: Advanced String Bass Performance II
- Stbs 621: Graduate String Bass I
- Stbs 622: Graduate String Bass II
- Stbs 641: Graduate String Bass Performance I
- Stbs 642: Graduate String Bass Performance II
- Trbn 100: Preparatory Trombone
- Trbn 121: Freshman Trombone I
- Trbn 122: Freshman Trombone II
- Trbn 221: Sophomore Trombone I
- Trbn 222: Sophomore Trombone II
- Trbn 241: Sophomore Trombone Performance I
- Trbn 242: Sophomore Trombone Performance II
- Trbn 321: Junior Trombone I
- Trbn 322: Junior Trombone II
- Trbn 341: Junior Trombone Performance I
- Trbn 342: Junior Trombone Performance II
- Trbn 421: Senior Trombone I
- Trbn 422: Senior Trombone II
- Trbn 441: Senior Trombone Performance I
- Trbn 442: Senior Trombone Performance II
- Trbn 521: Advanced Trombone I
- Trbn 522: Advanced Trombone II
- Trbn 541: Advanced Trombone Performance I
- Trbn 542: Advanced Trombone Performance II
- Trbn 621: Graduate Trombone I
- Trbn 622: Graduate Trombone II
- Trbn 641: Graduate Trombone Performance I
- Trbn 642: Graduate Trombone Performance II
- <u>Trpt 100: Preparatory Trumpet</u>
- Trpt 121: Freshman Trumpet I
- Trpt 122: Freshman Trumpet II
- <u>Trpt 122: Freshman Trumpet II</u>
- <u>Trpt 221: Sophomore Trumpet I</u>
- <u>Trpt 222: Sophomore Trumpet II</u>
- <u>Trpt 241: Sophomore Trumpet Performance I</u>





- <u>Trpt 242: Sophomore Trumpet Performance II</u>
- <u>Trpt 321: Junior Trumpet I</u>
- <u>Trpt 322: Junior Trumpet II</u>
- <u>Trpt 341: Junior Trumpet Performance I</u>
- <u>Trpt 342: Junior Trumpet Performance II</u>
- <u>Trpt 421: Senior Trumpet I</u>
- <u>Trpt 422: Senior Trumpet II</u>
- <u>Trpt 441: Senior Trumpet Performance I</u>
- <u>Trpt 442: Senior Trumpet Performance II</u>
- <u>Trpt 521: Advanced Trumpet I</u>
- <u>Trpt 522: Advanced Trumpet II</u>
- <u>Trpt 541: Advanced Trumpet Performance I</u>
- <u>Trpt 542: Advanced Trumpet Performance II</u>
- <u>Trpt 621: Graduate Trumpet I</u>
- <u>Trpt 622: Graduate Trumpet II</u>
- <u>Trpt 641: Graduate Trumpet Performance I</u>
- Trpt 642: Graduate Trumpet Performance II
- Tuba 100: Preparatory Tuba
- Tuba 121: Freshman Tuba I
- Tuba 122: Freshman Tuba II
- Tuba 221: Sophomore Tuba I
- <u>Tuba 222: Sophomore Tuba II</u>
- Tuba 241: Sophomore Tuba Performance I
- <u>Tuba 242: Sophomore Tuba Performance II</u>
- Tuba 321: Junior Tuba I
- <u>Tuba 322: Junior Tuba II</u>
- <u>Tuba 341: Junior Tuba Performance I</u>
- Tuba 342: Junior Tuba Performance II
- <u>Tuba 421: Senior Tuba I</u>
- <u>Tuba 422: Senior Tuba II</u>
- Tuba 441: Senior Tuba Performance I
- Tuba 442: Senior Tuba Performance II
- <u>Tuba 521: Advanced Tuba I</u>
- <u>Tuba 522: Advanced Tuba II</u>
- <u>Tuba 541: Advanced Tuba Performance I</u>
- Tuba 542: Advanced Tuba Performance II
- <u>Tuba 621: Graduate Tuba I</u>
- <u>Tuba 622: Graduate Tuba II</u>
- Tuba 641: Graduate Tuba Performance I
- Tuba 642: Graduate Tuba Performance II
- Vcel 100: Preparatory Violoncello
- Vcel 121: Freshman Violoncello I
- Vcel 122: Freshman Violoncello II
- Vcel 221: Sophomore Violoncello I
- Vcel 222: Sophomore Violoncello II
- Vcel 241: Sophomore Violoncello Performance I
- <u>Vcel 242: Sophomore Violoncello Performance II</u>
- <u>Vcel 321: Junior Violoncello I</u>
- <u>Vcel 322: Junior Violoncello II</u>
- Vcel 341: Junior Violoncello Performance I
- Vcel 342: Junior Violoncello Performance II
- <u>Vcel 421: Senior Violoncello I</u>
- <u>Vcel 422: Senior Violoncello II</u>
- <u>Vcel 441: Senior Violoncello Performance I</u>
- Vcel 442: Senior Violoncello Performance II
- Vcel 521: Advanced Violoncello I
- Vcel 522: Advanced Violoncello II
- <u>Vcel 541: Advanced Violoncello Performance I</u>
- Vcel 542: Advanced Violoncello Performance II





- Vcel 621: Graduate Violoncello I
- Vcel 622: Graduate Violoncello II
- Vcel 641: Graduate Violoncello Performance I
- Vcel 642: Graduate Violoncello Performance II
- Vila 100: Preparatory Viola
- Vila 121: Freshman Viola I
- Vila 122: Freshman Viola II
- Vila 221: Sophomore Viola I
- Vila 222: Sophomore Viola II
- Vila 241: Sophomore Viola Performance I
- Vila 242: Sophomore Viola Performance II
- Vila 321: Junior Viola I
- Vila 322: Junior Viola II
- Vila 341: Junior Viola Performance I
- Vila 342: Junior Viola Performance II
- Vila 421: Senior Viola I
- Vila 422: Senior Viola II
- <u>Vila 441: Senior Viola Performance I</u>
- Vila 442: Senior Viola Performance II
- Vila 521: Advanced Viola I
- Vila 522: Advanced Viola II
- Vila 541: Advanced Viola Performance I
- Vila 542: Advanced Viola Performance II
- Vila 621: Graduate Viola I
- Vila 622: Graduate Viola II
- Vila 641: Graduate Viola Performance I
- Vila 642: Graduate Viola Performance II
- Viln 100: Preparatory Violin
- Viln 121: Freshman Violin I
- Viln 122: Freshman Violin II
- Viln 221: Sophomore Violin I
- Viln 222: Sophomore Violin II
- Viln 241: Sophomore Violin Performance I
- Viln 242: Sophomore Violin Performance II
- Viln 321: Junior Violin I
- Viln 322: Junior Violin II
- Viln 341: Junior Violin Performance I
- Viln 342: Junior Violin Performance II
- Viln 421: Senior Violin I
- Viln 422: Senior Violin II
- Viln 441: Senior Violin Performance I
- Viln 442: Senior Violin Performance II
- Viln 521: Advanced Violin I
- Viln 522: Advanced Violin II
- Viln 541: Advanced Violin Performance I
- Viln 542: Advanced Violin Performance II
- Viln 621: Graduate Violin I
- Viln 622: Graduate Violin II
- <u>Viln 641: Graduate Violin Performance I</u>
- Viln 642: Graduate Violin Performance II
- Voic 100: Preparatory Voice
- Voic 121: Freshman Voice I
- Voic 122: Freshman Voice II
- Voic 221: Sophomore Voice I
- Voic 222: Sophomore Voice II
- Voic 241: Sophomore Voice Performance I
- Voic 242: Sophomore Voice Performance II
- Voic 321: Junior Voice I
- Voic 322: Junior Voice II





- Voic 341: Junior Voice Performance I
- <u>Voic 342: Junior Voice Performance II</u>
- <u>Voic 343: Junior Coaching I</u>
- Voic 344: Junior Coaching II
- Voic 421: Senior Voice I
- Voic 422: Senior Voice II
- Voic 441: Senior Voice Performance I
- Voic 442: Senior Voice Performance II
- <u>Voic 443: Senior Coaching I</u>
- Voic 444: Senior Coaching II
- <u>Voic 521: Advanced Voice I</u>
- Voic 522: Advanced Voice II
- <u>Voic 523: Advanced Coaching I</u>
- Voic 524: Advanced Coaching II
- <u>Voic 541: Advanced Voice Performance I</u>
- Voic 542: Advanced Voice Performance II
- Voic 621: Graduate Voice I
- Voic 622: Graduate Voice II
- <u>Voic 641: Graduate Voice Performance I</u>
- Voic 642: Graduate Voice Performance II
- Voic 652: Secondary Voice

#### **PHILOSOPHY & RELIGION**

- <u>Phil 101: Introduction to Philosophy</u>
- Phil 103: Logic: Critical Thinking

#### **PHYSICS & ASTRONOMY**

- <u>Astr 103: Astronomy I</u>
- <u>Astr 104: Astronomy II</u>
- Phys 107: Conceptual Physics I
- Phys 108: Conceptual Physics II
- Phys 123: Physics of the Atmosphere
- Phys 215: Physics for Pharmaceutical Sciences
- Phys 221: Lab Physics for Science & Engineering I
- Phys 222: Lab Physics for Science & Engineering II
- Phys 223: Laboratory Physics I
- Phys 224: Laboratory Physics II
- Phys 319: Optics
- Phys 321: Electronics
- Phys 415: Radiation Physics Laboratory
- Phys 417: Modern Physics Laboratory
- Phys 422: Digital Electronics & Microprocessors
- Phys 425: Nuclear & Particle Physics Laboratory
- Phys 522: Acoustics Laboratory
- Phys 532: Advanced Acoustics Laboratory

#### **POLITICAL SCIENCE**

Pol 101: Introduction to American Politics

#### **PSYCHOLOGY**

- Psy 201: General Psychology
- Psy 202: Statistics for Behavioral Sciences
- <u>Psy 365: Environmental Psychology</u>
- Psy 390: Lab in Psy: Behavioral Neuroscience
- Psy 392: Lab in Psy: Experimental Social Psy
- Psy 394: Lab in Psy: Cognition and Perception

## SOCIOLOGY & ANTHROPOLOGY

- Anth 304: Biological Anthropology
- Anth 320: Archaeozoology: Animal Use in History
- Anth 405: Human Osteology





- <u>Anth 408: Laboratory Methods in Archaeology</u>
- Anth 412: Ceramic Analysis
- Anth 413: Public Archaeology: Theory and Method
- Anth 607: Seminar in Biocultural Anthropology
- <u>Anth 612: Advanced Ceramic Analysis</u>
- Anth 613: Public Archaeology: Theory and Method
- Soc 370: Society and Population Health

## THEATRE ARTS

- Danc 332: Period Movement and Manners
- <u>Thea 163: Intro to Musical Theatre Performance</u>
- <u>Thea 171: Rendering for the Theatre</u>
- <u>Thea 201: Appreciation of the Theatre</u>
- <u>Thea 202: Introduction to Cinema</u>
- Thea 230: Movement for the Actor I
- Thea 231: Movement for the Actor II
- <u>Thea 240: Makeup</u>
- <u>Thea 246: Costume Crafts</u>
- Thea 250: Film Production I
- Thea 252: Film Production II
- Thea 261: Introduction to Sound Design for Cinema
- <u>Thea 264: Musical Theatre Voice Studies I</u>
- <u>Thea 271: Introduction to Stagecraft</u>
- Thea 272: Introduction to Costumes for the Stage
- <u>Thea 273: Costume Construction</u>
- <u>Thea 275: Introduction to Scene Painting</u>
- <u>Thea 277: Introduction to Patternmaking</u>
- <u>Thea 307: Acting for the Screen I</u>
- Thea 308: Acting for the Screen II
- Thea 310: Junior Performance Studies I
- Thea 311: Junior Performance Studies II
- Thea 313: Voice Studies II
- Thea 314: Movement Studies I
- Thea 315: Movement Studies II
- Thea 330: Stage Combat I
- Thea 331: Stage Combat II
- <u>Thea 332: Period Movement and Manners</u>
- Thea 335: The Alexander Technique
- Thea 337: Physical Theatre Styles
- Thea 343: Single Sword Stage Combat
- <u>Thea 344: Broadsword Stage Combat</u>
- Thea 347: Quarterstaff Stage Combat
- Thea 350: Introduction to Editing
- Thea 354: Directing for the Screen I
- Thea 360: Cinematography I
- Thea 362: Motion Picture Lighting
- Thea 364: Musical Theatre Voice Studies II
- Thea 370: Introduction to Scenic Design
- Thea 371: Period Patternmaking
- Thea 373: Advanced Makeup Techniques for the Stage
- Thea 376: Basic Draping
- Thea 378: Fabric Dyeing and Modification
- <u>Thea 405: Directed Design Studies</u>
- <u>Thea 414: Movement Studies III</u>
- Thea 415: Movement Studies IV
- <u>Thea 441: Costume Shop Management</u>
- <u>Thea 450: Advanced Editing</u>
- <u>Thea 454: Directing for the Screen II</u>
- <u>Thea 460: Cinematography II</u>
- <u>Thea 461: Advanced Sound Design for Cinema</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.



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- <u>Thea 465: Musical Theatre Performance I</u>
- <u>Thea 466: Musical Theatre Performance II</u>
- <u>Thea 474: Costume Design</u>
- <u>Thea 475: CAD Pattern Drafting</u>
- Thea 498: Special Topics

## WRITING & RHETORIC

- Liba 102: First Year Seminar
- Writ 100: Introduction to College Writing
- Writ 101: First-Year Writing I
- Writ 102: First-Year Writing II

## **MEEK SCHOOL OF JOURNALISM & NEW MEDIA**

- IMC 205: Writing for Integrated Marketing Comm
- IMC 305: Visual Communication
- IMC 349: 3-D Modeling
- IMC 361: IMC Explorations I
- IMC 390: Advanced Writing: Integrated Marketing
- IMC 473: Motion Graphics
- IMC 594: Designing Interactivity
- IMC 602: Design and Visual Thinking
- Jour 102: Introduction to Multimedia Writing
- Jour 271: News Reporting
- Jour 272: Broadcast Newswriting and Reporting
- Jour 273: Creative Visual Thinking
- Jour 373: Designing Media
- Jour 375: Photojournalism
- Jour 376: Television Technology
- Jour 378: Television Reporting
- Jour 379: Editing
- Jour 403: Advanced Photojournalism
- Jour 500: Journalism Innovation
- Jour 578: Television Documentary Reporting
- Jour 591: Journalism Explorations I

## SCHOOL OF APPLIED SCIENCES COMMUNICATION SCIENCES & DISORDERS

- ASL 101: Elementary ASL I
- ASL 102: Elementary ASL II
- ASL 201: Intermediate ASL III
- ASL 202: Intermediate ASL IV
- <u>CSD 430: Practices in Audiology</u>
- <u>CSD 495: Introduction to Clinical Science</u>
- <u>CSD 498: Undergrad Practicum in SLP</u>
- <u>CSD 695: Graduate Practicum</u>

## HEALTH, EXERCISE SCI & RECREATION MGMT

- EL 100: Wilderness Living Techniques
- EL 103: Ropes Courses and Climbing Basics
- EL 105: Self Defense Activities
- EL 111: Cycling
- EL 117: Volleyball
- EL 118: Beginning Fencing
- EL 119: Archery
- EL 120: Intro to Lifetime Leisure Activities
- <u>EL 124: Racquetball</u>
- EL 129: Body Contouring and Conditioning
- EL 132: Canoeing
- EL 133: Backpacking
- EL 137: Bowling





- EL 139: Golf
- EL 142: Open Water Scuba Diving
- EL 147: Tennis
- EL 151: Weight Lifting
- EL 153: Sports Conditioning
- EL 154: Coaching Soccer
- EL 156: Jogging
- EL 158: Low Impact Aerobics
- EL 159: High Impact Aerobics
- EL 169: Aqua Exercise
- EL 170: Beginning Swimming
- EL 171: Intermediate Swimming
- EL 172: Advanced Swimming
- EL 173: Lifeguarding
- EL 174: Water Safety Instructor
- EL 175: Lifeguarding Instructor
- EL 217: Advanced Volleyball
- EL 218: Advanced Fencing
- EL 219: Advanced Archery
- EL 224: Advanced Racquetball
- EL 229: Advanced Body Contouring & Conditioning
- EL 233: Sports Officiating I
- EL 234: Sports Officiating II
- EL 237: Advanced Bowling
- EL 239: Advanced Golf
- EL 242: Advanced Open Water Scuba Diving
- EL 247: Advanced Tennis
- EL 251: Advanced Weight Lifting
- EL 253: Advanced Sports Conditioning
- EL 255: Coaching Tennis
- EL 269: Advanced Aqua Exercise
- EL 342: Master Diver
- EL 352: Coaching Football
- EL 353: Advanced Sports Conditioning
- <u>EL 354: Coaching Basketball</u>
- <u>EL 355: Coaching Baseball-Softball</u>
- <u>EL 357: Coaching Volleyball</u>
- EL 359: Coaching Track and Field
- EL 442: Dive Supervisor
- EL 453: Advanced Sports Conditioning
- ES 349: Physiology of Exercise Laboratory
- ES 447: Biomechanics Laboratory
- ES 457: Exercise Testing & Prescription Lab
- ES 473: Practicum
- ES 493: Internship
- HP 203: First Aid and CPR
- SRA 401: Internship in Recreation Administration

#### **LEGAL STUDIES**

- CJ 155: Law Enforcement Tactical Operations
- CJ 490: Criminal Justice Internship
- LA 495: Internship

## **NUTRITION & HOSPITALITY MANAGEMENT**

- <u>NHM 211: Principles of Food Preparation</u>
- <u>NHM 212: Meal Management</u>
- <u>NHM 213: Principles of Food Preparation Lab</u>
- NHM 361: Lodging I
- <u>NHM 363: Foodservice Procurement</u>
- <u>NHM 381: Bar and Beverage Operations</u>





- <u>NHM 415: Experimental Food Study</u>
- <u>NHM 472: Quantity Food Production and Service Lab</u>
- <u>NHM 483: Applied Experiences in Dietetics</u>
- <u>NHM 484: Internship in Hospitality</u>
- <u>NHM 699: Supervised Practice</u>

#### SOCIAL WORK

- <u>SW 495: Social Work Internship</u>
- <u>SW 621: Field Instruction I</u>
- <u>SW 622: Field Instruction II</u>
- <u>SW 623: Field Instruction III</u>
- <u>SW 624: Field Instruction IV</u>

## SCHOOL OF BUSINESS ADMINISTRATION

- Bus 230: Economic Statistics I
- Bus 271: Business Communication
- Bus 302: Business Statistics II

#### **FINANCE**

- Fin 331: Business Finance I
- <u>Fin 338: Intermediate Financial Management</u>
- Fin 533: Security Analysis and Portfolio Mgmt

#### **MANAGEMENT**

- GB 310: Information Technology in Business
- <u>GB 490: General Business Topics Review</u>
- Mgmt 493: Management of Strategic Planning

### **MANAGEMENT INFORMATION SYSTEMS**

MIS 309: Management Information Systems

#### MARKETING

- Mktg 351: Marketing Principles
- Mktg 372: Intro. to Operations & Supply Chain Mgmt

## **SCHOOL OF EDUCATION**

- Edde 406: Intro Driver & Highway Safety Education
- Edde 407: Highway Safety & Driver Education

## **LEADERSHIP & COUNSELOR EDUCATION**

- <u>Coun 621: Assessment in Counseling I</u>
- <u>Coun 693: Practicum in Counseling</u>
- Coun 695: Internship
- Coun 780: Play Therapy Practicum
- Edhe 101: Academic Skills for College
- Edhe 202: Fundamentals of Active Learning
- Edhe 301: Career and Life Planning
- Edhe 303: Academic Skills for Transfer Students

#### Edld 656: Administrative Internship

Edld 756: Internship in Educational Administration

### **TEACHER EDUCATION**

- Edci 352: Education, Society, & the K-12 Learner
- Edci 353: Planning & Teaching Strategies for Effec
- Edle 417: Senior Practicum
- Edle 464: Student Teaching: Elementary Education
- Edle 467: Student Teaching: Exceptional Students
- Edle 480: Student Teaching: Secondary Education
- Edrd 355: Early Literacy Instruction I and II
- Edrd 400: Reading Instruction in the Elementary Sc
- Edse 400: Principles of Education
- Edse 652: Advanced Individual Study





- Edsp 327: Classroom Mgt & Behavioral Interventions
- Edsp 329: Character/Assess Indiv with Severe Disab
- Edsp 335: Assessment of Exceptional Students
- Edsp 403: Instr Strat for Students with Severe Dis
- Edsp 405: Instr Strat for Students Mild/Mod Dis

## SCHOOL OF ENGINEERING

- Engr 100: Introduction to Engineering
- Engr 207: Graphics I
- Engr 309: Statics
- Engr 310: Engineering Analysis I
- Engr 312: Mechanics of Materials
- Engr 313: Introduction to Materials Science
- Engr 314: Materials Science Laboratory
- Engr 321: Thermodynamics
- Engr 340: Engineering Geology
- Engr 360: Electric Circuit Theory
- Engr 361: Electric Circuit Laboratory
- Engr 400: Leadership & Professionalism in Engineer
- Engr 571: Service Learning in Water Treatment
- Engr 596: Special Projects in Engineering Science
- Manf 250: Graphics/Solid Modeling

#### **CHEMICAL ENGINEERING**

- Ch E 101: Introduction to Chemical Engineering
- Ch E 103: Introduction to Chemical Engineering I
- Ch E 104: Introduction to Chemical Engineering II
- Ch E 251: Programming for Chemical Engineering
- Ch E 307: Chemical Process Principles I
- Ch E 308: Chemical Process Principles II
- Ch E 317: Process Fluid Dynamics and Heat Transfer
- Ch E 421: Chemical Engineering Thermodynamics
- Ch E 423: Chemical Reactor Analysis and Design
- Ch E 445: Chemical Engineering Lab I
- Ch E 446: Chemical Engineering Lab II

#### **CIVIL ENGINEERING**

- <u>C E 101: Introduction to Civil Engineering I</u>
- <u>C E 102: Introduction to Civil Engineering II</u>
- C E 205: Civil Engineering Laboratory I
- <u>C E 207: Surveying</u>
- C E 305: Civil Engineering Laboratory II
- <u>C E 311: Structural Analysis</u>
- <u>C E 401: Civil Engineering Fundamentals</u>
- <u>C E 405: Civil Engineering Laboratory III</u>
- <u>C E 412: Design of Concrete Structures</u>
- <u>C E 431: Soil Mechanics I</u>
- <u>C E 433: Foundation Engineering</u>
- C E 455: Civil Engineering Design I
- <u>C E 456: Civil Engineering Design II</u>
- C E 471: Environmental Engineering I
- C E 472: Water Resources Engineering
- <u>C E 481: Transportation Engineering I</u>

#### **COMPUTER & INFORMATION SCIENCE**

- <u>Csci 103: Survey of Computing</u>
- <u>Csci 111: Computer Science I</u>
- <u>Csci 112: Computer Science II</u>
- <u>Csci 191: Office Applications</u>
- <u>Csci 203: Introduction to Computational Media</u>
- <u>Csci 211: Computer Science III</u>





- <u>Csci 251: Programming for Engineering and Sciences</u>
- <u>Csci 333: Digital Design and 3-D Printing</u>
- <u>Csci 447: Immersive Media</u>

## **ELECTRICAL ENGINEERING**

- EI E 236: Digital Systems Laboratory I
- EI E 314: Biomedical Measurement
- EI E 353: Electronics Laboratory
- El E 461: Sr. Design in Electrical Engineering I
- El E 462: Sr. Design in Electrical Engineering II
- EI E 482: Digital CMOS VLSI Design
- El E 486: Microprocessor Systems Engr Lab

## **GEOLOGY & GEOLOGICAL ENGINEERING**

- <u>G E 234: Intro. to Geol. Engr. Field Methods</u>
- <u>G E 420: Subsurface Site Characterization</u>
- <u>G E 421: Geological Engineering Design</u>
- <u>G E 450: Hydrogeology</u>
- <u>G E 470: Intro. to Geographic Information System</u>
- <u>G E 510: Remote Sensing</u>
- <u>G E 540: Rock Mechanics</u>
- Geol 103: Earth Dynamics
- Geol 111: Physical Geology Laboratory
- Geol 112: Historical Geology Laboratory
- Geol 114: Environmental Geology-Hazards Laboratory
- Geol 115: Environmental Geology Resources Lab
- Geol 203: Earth Dynamics Laboratory Content
- Geol 221: Mineralogy
- Geol 222: Elementary Petrology
- Geol 225: Mineralogy & Elementary Petrology
- Geol 303: Structural and Tectonic Geology
- Geol 305: Geomorphology
- Geol 309: Invertebrate Paleontology
- Geol 314: Sedimentology and Stratigraphy
- Geol 406: Petrology
- Geol 420: Optical Mineralogy
- Geol 500: Intro. to Geographic Information Systems
- <u>Geol 505: Hydrogeology</u>

#### **MECHANICAL ENGINEERING**

• M E 541: Theory and Use of CAD and Solid Modeling

## **SCHOOL OF LAW**

- Law 583: Journal of Space Law
- Law 590: Contract Negotiation and Drafting
- Law 610: Mississippi Law Journal
- Law 631: Professional Skills
- Law 666: Moot Court Board

# SCHOOL OF PHARMACY

**BIOMOLECULAR SCIENCES** 

- Medc 416: Intro to the Principles of Med Chem I
- Phcl 341: Human Pathophysiology I
- Phcl 342: Human Pathophysiology II
- Phcl 443: Basic and Clinical Pharmacology I

# PHARMACEUTICS & DRUG DELIVERY

- Phar 330: Pharmaceutical Calculations
- Phar 331: Basic Pharmaceutical Calculation
- Phar 331: Basic Pharmaceutics 1

## PHARMACY ADMINISTRATION





- Phad 390: Professional Communications in Pharmacy
- Phad 391: Pharmacy Administration I
- Phad 491: Pharmacy Law
- Phad 493: Pharmacy Management and Business Methods

#### PHARMACY PRACTICE

- Prct 350: Information Skills in Pharmacy Practice
- Prct 353: Practice Skills Laboratory I
- Prct 354: Practice Skills Laboratory II
- Prct 375: Distributive Intro Pharmacy Practice Exp
- Prct 376: Selective Intro Pharmacy Practice Exp
- Prct 450: Pharmacy Practice I
- Prct 451: Pharmacy Practice II
- Prct 455: Practice Skills Laboratory III
- Prct 456: Practice Skills Laboratory IV
- Prct 477: Institutional Pharmacy Practice II
- Prct 478: Community Pharmacy Practice II
- Prct 543: Community Pharmacy Practice III
- Prct 544: Institutional Pharmacy Practice III
- Prct 553: Clinical Externship (community)
- Prct 554: Clinical Externship (institutional)
- Prct 555: Pharmaceutical Care I: Knowledge & Compr
- Prct 556: Pharmaceutical Care I: Problem-Solvin
- Prct 557: Pharmaceutical Care I: Group
- Prct 558: Pharmaceutical Care II:Knowledge & Comp
- Prct 559: Pharmaceutical Care II: Problem-Solving
- Prct 560: Pharmaceutical Care II: Group
- Prct 561: Pharmaceutical Care III:Knowledge & Comp
- Prct 567: Seminar Skills Dev for Health Prof II
- Prct 577: Practice Skills Laboratory V
- Prct 586: Adult Medicine Clerkship
- Prct 587: Ambulatory Care Clerkship

## UNIVERSITY PROGRAMS

- **CENTER FOR INTEL & SECURITY STUDIES**
- ISS 490: Internship in Intelligence & Security St

