

# **Academics**

Overview

Calendar

Regulations

**Services** 

**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**

· Liba 102: First Year Seminar

#### **ART**

- Ared 361: Teaching of Art in the Elementary School
- Art 101: Two-Dimensional Design
- Art 102: Color Theory
- Art 103: Three-Dimensional Design
- Art 111: Drawing I
- Art 202: Photo Imaging
- Art 211: Drawing II
- Art 310: Studio Art on Location
- Art 311: Figure Drawing I
- Art 312: Figure Drawing II
- Art 315: Craft of Old Master Drawing/Painting
- Art 321: Beginning Painting
- Art 322: Intermediate Painting
- Art 326: Watercolor
- Art 331: Beginning Sculpture
- Art 332: Intermediate Sculpture
- Art 340: Beginning Ceramics
- Art 341: Pottery
- Art 342: Handbuilding
- 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 371: Introduction Relief & Planographic Print
- Art 372: Intro to Intaglio Printmaking
- Art 373: Book Arts
- Art 381: Introduction to Photography
- Art 382: Intermediate Photography
- Art 383: Digital Photography
- Art 384: Digital Video I
- Art 398: Special Topics in Art
- Art 410: Art Internship
- Art 411: Advanced Drawing
- Art 421: Painting
- Art 426: Advanced Watercolor
- Art 431: Advanced Sculpture
- Art 432: Advanced Head Modeling
- Art 433: Advanced Figure Modeling
- Art 441: Advanced Ceramics
- Art 460: Graphic Design III, Package Design





- Art 461: Advanced Graphic Design and Illustration
- Art 465: Web Design II
- · Art 471: Advanced Printmaking
- Art 481: Advanced Photography
- Art 483: Advanced Digital Photography
- Art 484: Advanced Digital Video
- Art 490: Directed Individual Problems
- Art 492: Senior Seminar
- Art 510: Studio Art on Location
- Art 511: Drawing
- Art 512: Figure Drawing
- Art 515: Craft of Old Master Drawings & Paintings
- Art 521: Painting
- Art 526: Watercolor
- Art 531: Sculpture
- Art 532: Head Modeling
- Art 533: Figure Modeling
- Art 541: Pottery and Ceramics
- Art 560: Vector Imaging
- Art 561: Typography
- Art 564: Web Design I
- Art 565: Web Design II
- Art 571: Printmaking
- Art 573: Book Arts
- Art 581: Black-And-White Photography
- Art 583: Digital Photography
- Art 584: Digital Video
- Art 598: Special Topics in Studio Art
- Art 621: Painting
- Art 631: Sculpture
- Art 641: Pottery and Ceramics
- Art 660: Vector Imaging
- Art 661: Advanced Typography
- Art 664: Web Design I
- Art 665: Web Design II
- Art 671: Printmaking
- Art 683: Digital Photography
- Art 691: Directed Individual Problems

#### **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
- · Bisc 207: Human Anatomy and Physiology
- 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 435: Research in Freshwater Biology
- Bisc 440: Cell and Molecular Biology

#### **CHEMISTRY & BIOCHEMISTRY**

- Chem 113: Survey of Chemistry Laboratory I
- 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
- Chem 314: Quantitative Analysis
- Chem 319: Chem & Phys Methods of Forensic Chem
- Chem 337: Physical Chemistry Laboratory I
- Chem 402: Inorganic Chemical Laboratory
- Chem 423: Organic Analysis
- Chem 469: Introduction to Instrumental Analysis
- Chem 470: Forensic DNA Analysis
- Chem 472: Biochemistry Laboratory
- Chem 512: Advanced Instrumental Analysis

#### **MATHEMATICS**

- Math 115: Elementary Statistics
- Math 121: College Algebra
- Math 125: Basic Mathematics for Sci. and Eng.
- Math 261: Unified Calculus & Analytic Geometry I

#### **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
- Clar 121: Freshman Clarinet I
- Clar 122: Freshman Clarinet II
- Clar 221: Sophomore Clarinet I
- Clar 222: Sophomore Clarinet II
- Clar 241: Sophomore Clarinet Performance I
- Clar 242: Sophomore Clarinet Performance II
- Clar 321: Junior Clarinet I
- Clar 322: Junior Clarinet II
- Clar 341: Junior Clarinet Performance I
- Clar 342: Junior Clarinet Performance II
- Clar 421: Senior Clarinet I
- Clar 422: Senior Clarinet II
- Clar 441: Senior Clarinet Performance I
- Clar 442: Senior Clarinet Performance II
- Clar 521: Advanced Clarinet I
- 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
- Frhn 241: Sophomore French Horn Performance I
- 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
- Frhn 441: Senior French Horn Performance I
- Frhn 442: Senior French Horn Performance II
- Frhn 521: Advanced French Horn I
- Frhn 522: Advanced French Horn II
- Frhn 541: Advanced French Horn Performance I
- Frhn 542: Advanced French Horn Performance II
- Frhn 621: Graduate French Horn I
- 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
- 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
- Saxn 321: Junior Saxophone I
- 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
- Saxn 542: Advanced Saxophone Performance II
- Saxn 621: Graduate Saxophone I
- Saxn 622: Graduate Saxophone II
- Saxn 641: Graduate Saxophone Performance I
- Saxn 642: Graduate Saxophone Performance II
- Stbs 100: Preparatory String Bass
- Stbs 121: Freshman String Bass I
- Stbs 122: Freshman String Bass II
- Stbs 221: Sophomore String Bass I
- Stbs 222: Sophomore String Bass II
- Stbs 241: Sophomore String Bass Performance I
- Stbs 242: Sophomore String Bass Performance II
- Stbs 321: Junior String Bass I
- Stbs 322: Junior String Bass II
- Stbs 341: Junior String Bass Performance I
- Stbs 342: Junior String Bass Performance II
- Stbs 421: Senior String Bass I
- Stbs 422: Senior String Bass II
- Stbs 441: Senior String Bass Performance I
- Stbs 442: Senior String Bass Performance II
- 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
- Trpt 100: Preparatory Trumpet
- Trpt 121: Freshman Trumpet I
- Trpt 122: Freshman Trumpet II
- Trpt 221: Sophomore Trumpet I
- Trpt 222: Sophomore Trumpet II
- Trpt 241: Sophomore Trumpet Performance I
- Trpt 242: Sophomore Trumpet Performance II
- Trpt 321: Junior Trumpet I
- Trpt 322: Junior Trumpet II
- Trpt 341: Junior Trumpet Performance I
- Trpt 342: Junior Trumpet Performance II
- Trpt 421: Senior Trumpet I
- Trpt 422: Senior Trumpet II
- Trpt 441: Senior Trumpet Performance I
- Trpt 442: Senior Trumpet Performance II
- Trpt 521: Advanced Trumpet I
- Trpt 522: Advanced Trumpet II
- Trpt 541: Advanced Trumpet Performance I
- Trpt 542: Advanced Trumpet Performance II
- Trpt 621: Graduate Trumpet I
- Trpt 622: Graduate Trumpet II
- Trpt 641: Graduate Trumpet Performance I
- 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
- Tuba 222: Sophomore Tuba II
- Tuba 241: Sophomore Tuba Performance I
- Tuba 242: Sophomore Tuba Performance II
- Tuba 321: Junior Tuba I
- Tuba 322: Junior Tuba II
- Tuba 341: Junior Tuba Performance I
- Tuba 342: Junior Tuba Performance II
- Tuba 421: Senior Tuba I
- Tuba 422: Senior Tuba II
- Tuba 441: Senior Tuba Performance I
- Tuba 442: Senior Tuba Performance II
- Tuba 521: Advanced Tuba I
- Tuba 522: Advanced Tuba II
- Tuba 541: Advanced Tuba Performance I
- Tuba 542: Advanced Tuba Performance II
- Tuba 621: Graduate Tuba I
- Tuba 622: Graduate Tuba II
- 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
- Vcel 242: Sophomore Violoncello Performance II
- Vcel 321: Junior Violoncello I
- Vcel 322: Junior Violoncello II
- Vcel 341: Junior Violoncello Performance I
- Vcel 342: Junior Violoncello Performance II
- Vcel 421: Senior Violoncello I
- Vcel 422: Senior Violoncello II
- Vcel 441: Senior Violoncello Performance I
- Vcel 442: Senior Violoncello Performance II
- Vcel 521: Advanced Violoncello I
- Vcel 522: Advanced Violoncello II
- Vcel 541: Advanced Violoncello Performance I
- 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
- Vila 441: Senior Viola Performance I
- 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
- Viln 641: Graduate Violin Performance I
- 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
- Voic 342: Junior Voice Performance II
- Voic 421: Senior Voice I
- Voic 422: Senior Voice II
- Voic 441: Senior Voice Performance I
- Voic 442: Senior Voice Performance II
- Voic 521: Advanced Voice I
- Voic 522: Advanced Voice II
- Voic 541: Advanced Voice Performance I
- Voic 542: Advanced Voice Performance II
- Voic 621: Graduate Voice I
- Voic 622: Graduate Voice II
- Voic 641: Graduate Voice Performance I
- Voic 642: Graduate Voice Performance II

#### **PHYSICS & ASTRONOMY**

- Astr 103: Astronomy I
- Astr 104: Astronomy II
- Phys 107: Physical Science I
- Phys 108: Physical Science 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

#### **THEATRE ARTS**

- Thea 201: Appreciation of the Theatre
- Thea 230: Movement for the Actor I
- Thea 231: Movement for the Actor II
- Thea 240: Makeup
- Thea 246: Costume Crafts
- Thea 250: Introduction to Cinema Production
- Thea 251: Directing for the Screen I
- Thea 271: Introduction to Stagecraft
- Thea 272: Introduction to Costumes for the Stage
- Thea 273: Costume Construction





- Thea 275: Introduction to Scene Painting
- Thea 277: Introduction to Patternmaking
- Thea 314: Movement Studies I
- Thea 315: Movement Studies II
- Thea 335: The Alexander Technique
- Thea 350: Introduction to Editing
- Thea 351: Directing for the Screen II
- Thea 364: Musical Theatre Practicum III
- Thea 371: Period Patternmaking
- Thea 376: Basic Draping
- Thea 414: Movement Studies III
- Thea 415: Movement Studies IV
- Thea 441: Costume Shop Management
- Thea 450: Advanced Editing
- Thea 475: CAD Pattern Drafting
- Thea 498: Special Topics

#### **WRITING & RHETORIC**

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

# SCHOOL OF APPLIED SCIENCES CENTER FOR INTEL & SECURITY STUDIES

• ISS 490: Internship in Intelligence & Security St

#### **COMMUNICATION SCIENCES & DISORDERS**

- CSD 430: Practices in Audiology
- CSD 495: Introduction to Clinical Science
- CSD 595: Graduate Practicum

#### **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
- EL 124: Racquetball
- 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 SwimmingEL 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
- EL 354: Coaching Basketball
- EL 355: Coaching Baseball-Softball
- EL 357: Coaching Volleyball
- 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
- PRM 401: Internship in Parks and Recreation Mgmt.

#### **LEGAL STUDIES**

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

### **NUTRITION & HOSPITALITY MANAGEMENT**

- NHM 211: Principles of Food Preparation
- NHM 212: Meal Management
- NHM 213: Principles of Food Preparation Lab
- NHM 415: Experimental Food Study
- NHM 472: Quantity Food Production and Service Lab
- NHM 483: Applied Experiences in Dietetics
- NHM 484: Internship in Hospitality
- NHM 699: Supervised Practice

#### **SOCIAL WORK**

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

# SCHOOL OF BUSINESS ADMINISTRATION FINANCE

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





#### **MANAGEMENT**

• 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**

- Coun 621: Assessment in Counseling I
- Coun 693: Practicum in Counseling
- Coun 695: Internship
- Edhe 101: Academic Skills for College
- Edhe 202: Fundamentals of Active Learning
- 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: Nature & Needs with Mild/Mod Disability
- Edsp 329: Nature & Needs with Severe Disabilities
- 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 312: Mechanics of Materials
- Engr 340: Engineering Geology
- Engr 571: Service Learning in Water Treatment
- Engr 596: Special Projects in Engineering Science

#### **CHEMICAL ENGINEERING**

- Ch E 445: Chemical Engineering Lab I
- Ch E 446: Chemical Engineering Lab II

#### **CIVIL ENGINEERING**

- C E 205: Civil Engineering Laboratory I
- C E 207: Surveying
- C E 305: Civil Engineering Laboratory II
- C E 405: Civil Engineering Laboratory III

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

• Csci 103: Survey of Computing





- Csci 111: Computer Science I
- Csci 112: Computer Science II
- Csci 191: Office Applications
- Csci 211: Computer Science III
- Csci 251: Programming for Engineering and Sciences

#### **ELECTRICAL ENGINEERING**

• El E 353: Electronics Laboratory

#### **GEOLOGY & GEOLOGICAL ENGINEERING**

- G E 234: Intro. to Geol. Engr. Field Methods
- G E 420: Subsurface Site Characterization
- G E 421: Geological Engineering Design
- G E 440: Rock Mechanics
- G E 450: Hydrogeology
- G E 470: Intro. to Geographic Information System
- G E 510: Remote Sensing
- 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 303: Structural and Tectonic Geology
- Geol 305: Geomorphology
- Geol 314: Sedimentology and Stratigraphy
- Geol 420: Optical Mineralogy
- Geol 500: Intro. to Geographic Information Systems

#### **MECHANICAL ENGINEERING**

- M E 541: Theory and Use of CAD and Solid Modeling
- Manf 250: Graphics / Solid Modeling

#### SCHOOL OF JOURNALISM & NEW MEDIA

- Jour 102: Introduction to Multimedia Writing
- Jour 271: News Reporting
- Jour 272: Broadcast Newswriting and Reporting
- Jour 273: Creative Visual Thinking
- Jour 375: Photojournalism
- Jour 376: Television Technology

#### SCHOOL OF LAW

- Law 583: Journal of Space Law
- Law 610: Law Journal
- · Law 666: Moot Court Board

# **SCHOOL OF PHARMACY**

# **MEDICINAL CHEMISTRY**

• Medc 416: Intro to the Principles of Med Chem I

# **PHARMACEUTICS**

- Phar 330: Pharmaceutical Calculations
- Phar 331: Basic Pharmaceutics I

### **PHARMACOLOGY**

- Phcl 341: Human Pathophysiology I
- Phcl 342: Human Pathophysiology II
- Phcl 443: Basic and Clinical Pharmacology I





#### **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 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 577: Practice Skills Laboratory V
- Prct 586: Adult Medicine Clerkship
- Prct 587: Ambulatory Care Clerkship

