

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 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 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](#)



- [ViIn 521: Advanced Violin I](#)
- [ViIn 522: Advanced Violin II](#)
- [ViIn 541: Advanced Violin Performance I](#)
- [ViIn 542: Advanced Violin Performance II](#)
- [ViIn 621: Graduate Violin I](#)
- [ViIn 622: Graduate Violin II](#)
- [ViIn 641: Graduate Violin Performance I](#)
- [ViIn 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](#)

SOCIOLOGY & ANTHROPOLOGY

- [Anth 405: Human Osteology](#)

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 405: Directed Design Studies](#)
- [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 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](#)
- [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 Effectiveness](#)
- [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 School](#)
- [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](#)
- [Manf 250: Graphics/Solid Modeling](#)

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 309: Invertebrate Paleontology](#)
- [Geol 314: Sedimentology and Stratigraphy](#)
- [Geol 406: Petrology](#)
- [Geol 420: Optical Mineralogy](#)
- [Geol 500: Intro. to Geographic Information Systems](#)
- [Geol 505: Hydrogeology](#)

MECHANICAL ENGINEERING

- [M E 541: Theory and Use of CAD and Solid Modeling](#)

SCHOOL OF JOURNALISM & NEW MEDIA

- [JMC 305: Visual Communication](#)
- [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 403: Advanced Photojournalism](#)

SCHOOL OF LAW

- [Law 583: Journal of Space Law](#)
- [Law 610: Law Journal](#)
- [Law 666: Moot Court Board](#)

SCHOOL OF PHARMACY **BIOMOLECULAR SCIENCES**

- [Medc 416: Intro to the Principles of Med Chem I](#)

BIOMOLECULAR SCIENCES - PHARMACOLOGY

- [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 Pharmaceutics 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 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 577: Practice Skills Laboratory V](#)
- [Prct 586: Adult Medicine Clerkship](#)
- [Prct 587: Ambulatory Care Clerkship](#)

