

Academics

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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 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](#)

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](#)
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- [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](#)
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- [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](#)
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- [Clar 522: Advanced Clarinet II](#)
- [Clar 541: Advanced Clarinet Performance I](#)
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- [Clar 621: Graduate Clarinet I](#)
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- [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](#)
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- [Flut 241: Sophomore Flute Performance I](#)
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- [Flut 542: Advanced Flute Performance II](#)
- [Flut 621: Graduate Flute I](#)
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- [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](#)
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- [Oboe 100: Preparatory Oboe](#)
- [Oboe 121: Freshman Oboe I](#)
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- [Oboe 641: Graduate Oboe Performance I](#)
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- [Orgn 122: Freshman Organ II](#)
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- [Orgn 222: Sophomore Organ II](#)
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- [Perc 121: Freshman Percussion I](#)
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- [Tuba 241: Sophomore Tuba Performance I](#)
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- [Tuba 541: Advanced Tuba Performance I](#)
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- [Tuba 622: Graduate Tuba II](#)
- [Tuba 641: Graduate Tuba Performance I](#)
- [Tuba 642: Graduate Tuba Performance II](#)
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- [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](#)
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- [Vcel 322: Junior Violoncello II](#)
- [Vcel 341: Junior Violoncello Performance I](#)
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- [Vcel 421: Senior Violoncello I](#)
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- [Vcel 441: Senior Violoncello Performance I](#)
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- [Vcel 521: Advanced Violoncello I](#)
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- [Vcel 641: Graduate Violoncello Performance I](#)
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- [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](#)
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PHYSICS & ASTRONOMY

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- [Astr 104: Astronomy II](#)
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- [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 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 351: Directing for the Screen II](#)
- [Thea 364: Musical Theatre Practicum III](#)

WRITING & RHETORIC

- [Writ 100: Introduction to College Writing](#)
- [Writ 101: First-Year Writing I](#)



- [Writ 102: First-Year Writing II](#)

SCHOOL OF APPLIED SCIENCES **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](#)
- [HP 203: First Aid and CPR](#)

LEGAL STUDIES

- [CJ 155: Law Enforcement Tactical Operations](#)

NUTRITION & HOSPITALITY MANAGEMENT

- [NHM 211: Principles of Food Preparation](#)
- [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 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](#)

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](#)

CURRICULUM & INSTRUCTION

- [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](#)

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](#)

SCHOOL OF ENGINEERING

- [Engr 100: Introduction to Engineering](#)
- [Engr 312: Mechanics of Materials](#)
- [Engr 340: Engineering Geology](#)
- [Engr 596: Special Projects in Engineering Science](#)

CHEMICAL ENGINEERING

- [Ch E 445: Chemical Engineering Lab I](#)
- [Ch E 446: Chemical Engineering Lab II](#)

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](#)

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: Editing by Design](#)
- [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

PHARMACOLOGY

- [Phcl 341: Human Pathophysiology I](#)
- [Phcl 342: Human Pathophysiology II](#)

PHARMACY PRACTICE

- [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 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 561: Pharmaceutical Care III: Knowledge & Comp](#)
- [Prct 586: Adult Medicine Clerkship](#)
- [Prct 587: Ambulatory Care Clerkship](#)

