School of Pharmacy

Overview
Academics & Admissions
Departments
Programs
Courses
Faculty
Awards

Courses

School of Pharmacy
- Phcy 400: Becoming a Pharmacist
- Phcy 401: Foundations of BioMolecular Sciences I
- Phcy 402: Foundations of BioMolecular Sciences II
- Phcy 411: Human Physiology/Pathophysiology I
- Phcy 412: Human Physiology/Pathophysiology II
- Phcy 421: Pharmaceutics and Calculations I
- Phcy 422: Pharmaceutics and Calculations II
- Phcy 431: Social and Administrative Pharmacy I
- Phcy 432: Social and Administrative Pharmacy II
- Phcy 441: Pharmacists' Patient Care Process I
- Phcy 442: Pharmacists' Patient Care Process II
- Phcy 451: Pharmacogenomics
- Phcy 452: Pharmacoinmunology
- Phcy 460: Personal and Professional Development I
- Phcy 461: Interprofessional Collaboration I
- Phcy 501: Infectious Diseases Intensive
- Phcy 502: Integrated Systems: Cardiovascular
- Phcy 503: Integrated Systems: Respiratory
- Phcy 504: Integrated Systems: Renal
- Phcy 505: Integrated Systems: Neuromuscular
- Phcy 506: Integrated Systems: CNS/Psych
- Phcy 507: Integrated Systems: Endocrine System
- Phcy 508: Integrated Systems: GI/Nutrition
- Phcy 509: Integrated Systems: DERM/EENT
- Phcy 560: Personal and Professional Development II
- Phcy 561: Interprofessional Collaboration II

Biomolecular Sciences
- BMS 401: Honors Introduction to Cancer Research
- BMS 470: Antimicrobial Resistance Mechanisms
- BMS 471: Targeting Neurodegenerative Diseases
- BMS 472: Spanish for Pharmacists
- BMS 601: Graduate Student Survival Strategies
- BMS 605: Original Research Proposal BMS
- BMS 641: BioMolecular Sciences Seminar
- BMS 643: BioMolecular Sciences Seminar
- BMS 725: Mass Spectrometry: Fundamentals
- BMS 767: Advanced Topics in Toxicology
- Medc 317: Pharmacogenetics and Pharmacoinmunology
- Medc 318: Chemical and Biological Terrorism
- Medc 319: Computer-Aided Drug Design
- Medc 411: Medicinal Chem of Therapeutic Agents I
- Medc 412: Medicinal Chem of Therapeutic Agents II
- Medc 415: Chemical Neurosci. Prin. of Drug Abuse
- Medc 416: Intro to the Principles of Med Chem I
- Medc 417: Intro to the Principles of Med Chem II
- Medc 418: Neuroscience Principles of Drug Abuse
- Medc 419: Special Topics in Oncology
- Medc 501: Advanced Medicinal Chemistry I
- Medc 502: Advanced Medicinal Chemistry II
- Medc 503: Medicinal Chemistry Research Methodology
- Medc 507: Organic Chemistry of Drug Synthesis
- Medc 541: Problems in Medicinal Chemistry
- Medc 542: Problems in Medicinal Chemistry
- Medc 610: Selected Topics in Medicinal Chemistry
- Medc 621: Theory of Technology Development
- Medc 622: Early Stages of Technology Development
- Medc 623: Fostering Creative Environments
- Medc 625: Applied Igert Problems
- Medc 630: Pharmaceutical Protein Design & Devel
- Medc 697: Thesis
- Medc 711: Drug Action & Design I: Intro to Com-Aid
- Medc 712: Drug Action & Design II: Quantit Struct-
- Medc 713: Drug Action & Design III: Drugs Affectin
- Medc 714: Drug Action & Design IV: Chemotherapy of
- Medc 718: Drug Action & Design Vi: Bioorganic Chem
- Medc 797: Dissertation
- Phcg 320: Special Topics in Oceans & Human Health
- Phcg 321: Pathogenesis of Infectious Diseases
- Phcg 328: Herbal Supplements & Alternative Therapy
- Phcg 422: Natural Product Derived Pharmaceuticals
- Phcg 425: Poisonous Plants and Mushrooms
- Phcg 426: Cancer Chemo - Targets and Discovery
- Phcg 427: Drug Discovery I
- Phcg 428: Drug Discovery II
- Phcg 450: Career/Achievements in BMS: Nat.Prod.Res
- Phcg 451: Probiotics in Pharmacy
- Phcg 452: Problems in Pharmacognosy
- Phcg 454: Individual Study in Pharmacognosy Res
- Phcg 455: Individual Study in Pharmacognosy Res
- Phcg 540: Careers/Achievements in BMS
- Phcg 620: Selected Topics in Pharmacognosy
- Phcg 627: Natural Product Chemistry
- Phcg 628: Natural Product Chemistry
- Phcg 630: Advanced Topics
- Phcg 631: Analysis of Natural Product Drugs I
- Phcg 632: Analysis of Natural Product Drugs II
- Phcg 633: Analysis of Natural Product Drugs III
- Phcg 634: Biosynthesis of Plant Constituents
- Phcg 635: Introduction to Molecular Cell Biology
- Phcg 636: Fermentation Chemistry
- Phcg 697: Thesis
- Phcg 797: Dissertation
- Phcl 202: Environmental Health Perspectives
- Phcl 340: Animal Cells: Testing New Drugs
- Phcl 341: Human Pathophysiology I
- Phcl 342: Human Pathophysiology II
- Phcl 343: Biochemical Foundations of Therapeutics
- Phcl 344: Physiological Foundation of Therapeutics
- Phcl 345: Nutritional Pharmacology
- Phcl 346: Immunological Basis for Therapeutics
- Phcl 347: Introduction to Environmental Toxicology
- Phcl 348: Principles of Life Science Research
- Phcl 349: Specialized Topics in Environ. Health
Phcl 351: Drugs and Human Performance
Phcl 352: Case Studies in Immunology
Phcl 381: Introduction to Toxicology
Phcl 382: Fundamentals of Cancer
Phcl 440: Physiologic Case Study for Therapeutics
Phcl 441: Pharmacology: Novel Drugs in Clin Trials
Phcl 442: Clinical Toxicology
Phcl 443: Basic and Clinical Pharmacology I
Phcl 444: Basic and Clinical Pharmacology II
Phcl 445: Nutritional Pharmacology
Phcl 501: Principles of Life Science Research
Phcl 503: Lab Meth in Pharmacology & Toxicology I
Phcl 504: Lab Meth in Pharmacology & Toxicology II
Phcl 505: Modern Phcl: Novel Drugs Clinical Trials
Phcl 541: Problems in Pharmacology
Phcl 542: Introduction to Environmental Toxicology
Phcl 563: Introductory Pharmacology I
Phcl 564: Introductory Pharmacology II
Phcl 569: Drug Abuse Education
Phcl 581: Introduction to Toxicology
Phcl 586: Receptors and Channels
Phcl 601: Teaching in Pharmacology and Toxicology
Phcl 602: Teaching in Pharmacology and Toxicology
Phcl 641: Unified Lab in Pharm, Tox & Phys Chem
Phcl 642: Unified Lab in Pharm, Tox & Phys Chem
Phcl 643: Seminar Curr Topics in Pharm & Tox
Phcl 651: Directed Studies in Pharm and Tox
Phcl 652: Directed Studies in Pharm and Tox
Phcl 653: Gen Princ of Pharmacology & Toxicology I
Phcl 654: Gen Princ - Pharmacology & Toxicology II
Phcl 655: Advanced Physiology
Phcl 656: Advanced Physiology
Phcl 657: General Pharmacology I
Phcl 658: General Pharmacology II
Phcl 659: Human Neurobiology
Phcl 660: Externship in Pharmacology
Phcl 661: Physiological Chemistry
Phcl 662: Gen Princ of Pharmacology & Toxicology I
Phcl 663: Gen Princ - Pharmacology & Toxicology II
Phcl 664: Advanced Topics
Phcl 665: Methods in Pharmacology and Toxicology
Phcl 666: Sel Topics - Pharmacology and Toxicology
Phcl 667: Externship in Toxicology
Phcl 668: Thesis
Phcl 797: Dissertation

Pharmaceutics & Drug Delivery
Phar 330: Pharmaceutical Calculations
Phar 331: Basic Pharmaceutics I
Phar 332: Basic Pharmaceutics II
Phar 334: Biopharmaceutics and Pharmacokinetics
Phar 335: Clinical Laboratory Data Analysis
Phar 432: Concepts in Pharmaceutical Biotechnology
Phar 433: Industrial Pharmacy
Phar 435: Pharmaceutical Stability
Phar 436: Product Development
Phar 541: Problems in Pharmaceutics
Phar 542: Problems in Pharmaceutics
Phar 543: Seminar in Current Pharm, Topics
Phar 544: Seminar in Current Pharm, Topics
Phar 545: Biopharmaceutics and Pharmacokinetics
Phar 547: Veterinary Pharmaceuticals
Phar 630: Pharm. Protein Design and Development
Phar 650: Formulation Development  
Phar 651: Regulatory Science I  
Phar 652: Regulatory Science II  
Phar 654: Special Problems in Biopharmaceutics  
Phar 655: Pharmaceutical Manufacturing  
Phar 696: Special Projects  
Phar 697: Thesis  
Phar 735: Analytical Pharmaceutics  
Phar 741: Advanced Pharmaceutics  
Phar 744: Stability of Pharmaceutical Systems  
Phar 748: Product Development  
Phar 750: Applied Pharmaceutics  
Phar 760: Applied Pharmacokinetics  
Phar 797: Dissertation

Pharmacy Administration
- Phad 390: Professional Communications in Pharmacy  
- Phad 391: Pharmacy Administration I  
- Phad 392: Pharmacy Administration II  
- Phad 393: Learning & Teaching: A Professional Elec  
- Phad 394: Intermed. Biostatistics for Pharmacists  
- Phad 395: Pharmacy Ethics  
- Phad 396: Marketing for Community Pharmacists  
- Phad 397: Survey of Medication Nonadherence  
- Phad 430: Research Methods for Pharmacists  
- Phad 491: Pharmacy Law  
- Phad 492: Current Issues in Health Care  
- Phad 493: Pharmacy Management and Business Methods  
- Phad 494: Pharmacoecn, Pharmacoepi & Med Safety  
- Phad 495: Techniques of Pharmaceutical Sales  
- Phad 496: Principles of Pharmaceutical Marketing  
- Phad 497: Personal Finance  
- Phad 541: Problems in Pharmacy Administration  
- Phad 542: Problems in Pharmacy Administration  
- Phad 543: Seminar in Current Health Topics  
- Phad 544: Seminar in Current Health Topics  
- Phad 597: Medical Anthropology  
- Phad 599: Health Care and Contemporary Society  
- Phad 661: Epidemiology and Health Data Management  
- Phad 679: Primary Data Techniques  
- Phad 687: Secondary Data Techniques  
- Phad 688: Research Methodology and Techniques  
- Phad 689: Pharmaceutical and Healthcare Policy  
- Phad 690: Data Management and Statistical Software  
- Phad 693: Health Economics  
- Phad 697: Thesis  
- Phad 698: Non-thesis Research  
- Phad 774: Research in Pharmacy Administration  
- Phad 780: General Linear Models  
- Phad 781: Applied Multivariate Analysis  
- Phad 783: Adv Pharmaceutical Mkting & Patient Beha  
- Phad 786: Patient Reported Outcomes  
- Phad 792: Drug Development and Marketing  
- Phad 794: Pharmacoeconomics  
- Phad 795: Special Topics in Pharmacy Administration  
- Phad 796: Pharmacoepidemiology  
- Phad 797: Dissertation

Pharmacy Practice
- Ambc 591: Ambulatory Care Clerkship
Bari 591: Bariatric Advanced Pharmacy Practice Exp
Biot 591: Biotech Pharmacy Services Advanced Pharm
Card 591: Cardiology Clerkship
Comm 591: Community Pharmacy Clerkship
Crit 591: Critical Care Clerkship
Dinf 591: Drug Information Clerkship
Emer 591: Emergency Medical Clerkship
Gera 591: Geriatrics Clerkship
Home 591: Home Infusion Advanced Pharmacy Practice
Inad 591: Institutional Administration Advanced Ph
Indy 591: Pharmaceutical Industry Clerkship
Inf 591: Infectious Disease Clerkship
Info 591: Informatics Practice Experience
Inop 591: Institutional Out-Patient Practice Exper
Lead 591: Leadership and Advocacy in Pharmacy
Manc 591: Managed Care Clerkship
Medc 591: Pharmacy Management Advanced Pharmacy Ph
Neon 591: Neonatology Advanced Pharmacy Practice E
Neur 591: Neurology Clerkship
Nucl 591: Nuclear Medicine Advanced Pharmacy Pract
Nutr 591: Nutrition Clerkship
Oncl 591: Oncology Clerkship
Pain 591: Pain Management Advanced Pharmacy Practi
Pedq 591: Pediatrics Advanced Practice Experience
Peds 591: Pediatric Clerkship
Phcy 470: Distributive Intro Pharmacy Practice Exp
Phcy 471: Institutional Immersion IPPE I
Phcy 472: Institutional Immersion IPPE II
Phcy 473: Institutional Immersion IPPE III
Phcy 474: Institutional Immersion IPPE IV
Pkin 591: Pharmacokinetics Clerkship
Pmtm 591: Pharmacy Medication Therapy Management
Pois 591: Poison Control Clerkship
Prc 350: Information Skills in Pharmacy Practice
Prc 353: Practice Skills Laboratory I
Prc 354: Practice Skills Laboratory II
Prc 357: Advocacy and Leadership in Pharmacy
Prc 358: Geriatrics
Prc 359: Tobacco Cessation Education
Prc 360: Personal Time Mngment for Pharm Students
Prc 361: Vaccine-preventable Illnesses/Travel med
Prc 362: Veterinary Pharmacy
Prc 363: Pharmacy, Microcontrollers & the Interne
Prc 450: Pharmacy Practice I
Prc 451: Pharmacy Practice II
Prc 455: Practice Skills Laboratory III
Prc 456: Practice Skills Laboratory IV
Prc 477: Institutional Pharmacy Practice II
Prc 478: Community Pharmacy Practice II
Prc 480: Introduction to Global Health & Pharmacy
Prc 520: Case Management I
Prc 521: Case Management II
Prc 522: Case Management III
Prc 523: Case Management IV
Prc 524: Case Management V
Prc 525: Case Management VI
Prc 526: Case Management VII
Prc 527: Case Management VIII
Prc 528: Case Management IX
Prc 529: Case Management X
Prc 530: Clinical Skills Evaluation I
• Prct 531: Clinical Skills Evaluation II
• Prct 532: Clinical Skills Evaluation III
• Prct 541: Problems in Clinical Pharmacy
• Prct 542: Problems in Clinical Pharmacy
• Prct 543: Community Pharmacy Practice III
• Prct 544: Institutional Pharmacy Practice III
• Prct 545: Specialty Pharmacy Practice Elective
• Prct 552: Preventive Medicine and Public Health
• 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 562: Pharmaceutical Care III: Problem-Solving
• Prct 563: Pharmaceutical Care III: Group
• Prct 564: Pharmaceutical Care IV: Knowledge & Comp
• Prct 565: Pharmaceutical Care IV: Problem-Solving
• Prct 566: Seminar Skills Dev for Health Prof
• Prct 567: Seminar Skills Dev for Health Prof II
• Prct 569: Pharmaceutical Care IV: Group
• Prct 577: Practice Skills Laboratory V
• Prct 586: Adult Medicine Clerkship
• Prct 587: Ambulatory Care Clerkship
• Prct 591: Elective Clerkship
• Prct 592: Elective Clerkship
• Prct 593: Elective Clerkship
• Prct 599: Clinical Trials Skills
• Psy 591: Psychiatry Clerkship
• Pubh 591: Public Health Advanced Pharmacy Practice
• Rsch 591: Research Advanced Pharmacy Practice Exp
• SBOP 591: State Board of Pharmacy Practice Exp
• Surg 591: Surgery Clerkship
• Tran 591: Organ Transplant Advanced Pharmacy Pract
• Vetp 591: Veterinary Medicine Advanced Pharmacy Pr
• Womh 591: Women's Health Advanced Pharmacy Pract