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 550: Integrated Institutional IPPE
- Phcy 560: Personal and Professional Development II
- Phcy 561: Interprofessional Collaboration II
- Phcy 601: Multisystem Complex Patient Care I
- Phcy 602: Hematology/Oncology/Immunology
- Phcy 603: Integrated Genitourinary & Reproductive
- Phcy 604: Pediatrics and Geriatrics
- Phcy 605: Integrated Selective IPPE
- Phcy 606: Population and Rural Health
- Phcy 607: Practice Law Application
- Phcy 608: Multisystem Complex Patient Care II
- Phcy 650: Integrated Comm & Ambulatory IPPE
- Phcy 651: Integrated Inst & Specialty IPPE
- Phcy 660: Personal & Professional Development III
- Phcy 661: Interprofessional Collaboration III
- TOCP 591: Transitions of Care Patient Care APPE

Biomolecular Sciences

- BMS 401: Honors Introduction to Cancer Research
- BMS 470: Antimicrobial Resistance Mechanisms
- BMS 471: Targeting Neurodegenerative Diseases
- BMS 472: Spanish for Pharmacists
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<td>BMS 605</td>
<td>Original Research Proposal BMS</td>
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<td>BMS 641</td>
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<td>BMS 643</td>
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<td>BMS 725</td>
<td>Mass Spectrometry: Fundamentals</td>
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<td>Advanced Topics in Toxicology</td>
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<tr>
<td>Medc 317</td>
<td>Pharmacogenetics and Pharmacoc immunology</td>
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<td>Medc 318</td>
<td>Chemical and Biological Terrorism</td>
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<td>Medc 319</td>
<td>Computer-Aided Drug Design</td>
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<tr>
<td>Medc 415</td>
<td>Chemical Neurosci. Prin. of Drug Abuse</td>
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<tr>
<td>Medc 416</td>
<td>Intro to the Principles of Med Chem I</td>
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<td>Medc 417</td>
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<td>Medc 418</td>
<td>Neuroscience Principles of Drug Abuse</td>
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<td>Medc 501</td>
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<td>Medc 542</td>
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<td>Medc 630</td>
<td>Pharmaceutical Protein Design &amp; Devel</td>
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<td>Medc 697</td>
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<tr>
<td>Medc 711</td>
<td>Intro to Computer-Aided Drug Design</td>
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<td>Medc 712</td>
<td>Quantitative Structure-Activity Relation</td>
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<td>Medc 713</td>
<td>Drugs Affecting the Nervous System</td>
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<td>Medc 714</td>
<td>Chemotherapeutic Agents</td>
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<td>Phcg 320</td>
<td>Special Topics in Oceans &amp; Human Health</td>
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<td>Phcg 321</td>
<td>Pathogenesis of Infectious Diseases</td>
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<td>Herbal Supplements &amp; Alternative Therapy</td>
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<td>Phcg 422</td>
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<td>Phcg 425</td>
<td>Poisonous Plants and Mushrooms</td>
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<td>Phcg 426</td>
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<td>Phcg 427</td>
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<td>Phcg 450</td>
<td>Career/Achievements in BMS. Nat.Prod.Res</td>
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<tr>
<td>Phcg 451</td>
<td>Probiotics in Pharmacy</td>
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<td>Phcg 632</td>
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<td>Phcg 633</td>
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<tr>
<td>Phcg 634</td>
<td>Biosynthesis of Plant Constituents</td>
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<td>Phcg 635</td>
<td>Introduction to Molecular Cell Biology</td>
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<td>Phcg 636</td>
<td>Fermentation Chemistry</td>
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<td>Phcl 202</td>
<td>Environmental Health Perspectives</td>
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<td>Phcl 340</td>
<td>Animal Cells: Testing New Drugs</td>
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- 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 547: 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 611: Teaching in Pharmacology and Toxicology
- Phcl 612: 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 661: Advanced Physiology
- Phcl 662: Advanced Physiology
- Phcl 663: General Pharmacology I
- Phcl 665: Human Neurobiology
- Phcl 668: Externship in Pharmacology
- Phcl 669: Physiological Chemistry
- Phcl 675: Gen Princ of Pharmacology & Toxicology I
- Phcl 676: Gen Princ - Pharmacology & Toxicology II
- Phcl 677: Advanced Topics
- Phcl 679: Methods in Pharmacology and Toxicology
- Phcl 681: Sel Topics - Pharmacology and Toxicology
- Phcl 685: Externship in Toxicology
- Phcl 697: Thesis
- Phcl 797: Dissertation

Pharmaceutics & Drug Delivery

- 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 548: Clinical Laboratory Data Analysis  
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 658: Pharmaceutical Manufacturing  
Phar 696: Special Projects  
Phar 697: Thesis  
Phar 735: Analytical Pharmaceutics  
Phar 741: Advanced Pharmaceutics  
Phar 744: Stability of Pharmaceutical Systems  
Phar 749: Product Development  
Phar 750: Applied Pharmaceutics  
Phar 756: Applied Pharmacokinetics  
Phar 787: Dissertation  

Pharmacy Administration  
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 470: Phy & Psychosoc Aspects Women's Health  
Phad 492: Current Issues in Health Care  
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: Pharmaco economics  
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: Medicine Clerkship
Mgmt 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
Onc 591: Oncology Clerkship
Pain 591: Pain Management Advanced Pharmacy Practi
Pedq 591: Pediatric Advanced Practice Experience
Peds 591: Pediatric Clerkship
Phcy 470: Distributive Intro Pharmacy Practice Exp
Phcy 471: Institutional Immersion IPPE I
Phcy 510: Community Pharmacy Practice II
Pkin 591: Pharmacokinetics Clerkship
Pmtm 591: Pharmacy Medication Therapy Management
Pois 591: Poison Control Clerkship
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 470: Introduction to Nuclear Pharmacy
Prc 471: Advanced Topics in Cardiology
Prc 472: Life After Graduation
Prc 473: Beyond Dispensing
Prc 474: Advanced Infectious Diseases
Prc 477: Institutional Pharmacy Practice II
Prc 480: Introduction to Global Health & Pharmacy
Prc 543: Community Pharmacy Practice III
Prc 544: Institutional Pharmacy Practice III
Prc 545: Specialty Pharmacy Practice Elective
Prc 552: Preventive Medicine and Public Health
Prc 553: Clinical Externship (community)
Prc 554: Clinical Externship (institutional)
Prc 555: Pharmaceutical Care I: Knowledge & Compor
Prc 556: Pharmaceutical Care I: Problem-Solv
Prc 557: Pharmaceutical Care I: Group
Prc 558: Pharmaceutical Care II:Knowledge & Comp
Prc 559: Pharmaceutical Care II: Problem-Solving
Prc 560: Pharmaceutical Care II: Group
Prc 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: Pers & Prof Dev - Seminar Skills
- Prct 567: Pers & Prof Dev - NAPLEX Review
- Prct 568: Pediatric Pharmacotherapy
- Prct 569: Pharmaceutical Care IV: Group
- Prct 570: Patient-Caregiver-Provider Education
- 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
- Psyc 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