School of Pharmacy

Overview
Academics & Admissions
Departments
Programs
Courses
Faculty
Awards

Courses

School of Pharmacy

- Phcy 100: Introduction to 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 481: Pharmacy Practice Applications I
- Phcy 482: Pharmacy Practice Applications II
- 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 581: Pharmacy Practice Applications III
- 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
- Phcy 681: Pharmacy Practice Applications V
- Phcy 682: Pharmacy Practice Applications VI
- TOCP 591: Transitions of Care PatientCare APPE

https://catalog.olemiss.edu/2024/spring/undergraduate/pharmacy/courses
## Biomolecular Sciences

- BMS 321: Pathogenesis of Infectious Diseases
- BMS 343: Biochemical Foundations of Therapeutics
- BMS 344: Physiological Foundation of Therapeutics
- BMS 345: Anatomical Foundations in Human Health
- BMS 401: Honors Introduction to Cancer Research
- BMS 470: Antimicrobial Resistance Mechanisms
- BMS 471: Targeting Neurodegenerative Diseases
- BMS 472: Spanish for Pharmacists
- BMS 473: Medical Cannabis
- BMS 474: Pandemics and Society
- BMS 475: Molecular Basis of Future Medicines
- BMS 476: Intro to AI & Applications in Pharmacy
- BMS 601: Graduate Student Survival Strategies
- BMS 602: Techniques in BioMolecular Sciences
- BMS 605: Original Research Proposal BMS
- BMS 608: Scientific Writing for BioMolecular Science
- BMS 610: Carbohydrates and Glycoconjugates
- BMS 641: BioMolecular Sciences Seminar
- BMS 643: BioMolecular Sciences Seminar
- BMS 651: Fundamentals of Pharmacognosy and Phytoc
- BMS 652: Regulation of Dietary Supplements
- BMS 653: Formulation and Manufacturing of Dietary
- BMS 654: Identification and Authentication of Die
- BMS 655: Pharmacology and Toxicology of Dietary S
- BMS 661: Cannabis Identification, Genomics, & Eng
- BMS 662: Cannabis Policy & Law Syllabus
- BMS 663: Formulation & Manufacturing of Cannabis
- BMS 664: Chemistry & Standardization of Cannabis
- BMS 665: Pharmacology & Toxicology of Cannabinoid
- BMS 667: Thesis
- BMS 672: Mass Spectrometry: Fundamentals
- BMS 677: Advanced Topics in Toxicology
- BMS 677: Dissertation
- Medc 317: Pharmacogenetics and Pharmacoinmunology
- Medc 318: Chemical and Biological Terrorism
- Medc 319: Computer-Aided Drug Design
- 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 630: Pharmaceutical Protein Design & Devel
- Medc 711: Intro to Computer-Aided Drug Design
- Medc 712: QSAR & AI for Drug Design
- Medc 713: Drugs Affecting the Nervous System
- Medc 714: Chemotherapeutic Agents
- Medc 718: Bioorganic Chemistry
- Phcg 320: Special Topics in Oceans & Human Health
- Phcg 329: 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 451: Probiotics in Pharmacy
Phcg 541: Problems in Pharmacognosy
Phcg 542: Problems in Pharmacognosy
Phcg 545: Individual Study in Pharmacognosy Res
Phcg 546: Individual Study in Pharmacognosy Res
Phcg 550: 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
Phcl 202: Environmental Health Perspectives
Phcl 340: Animal Cells: Testing New Drugs
Phcl 341: Human Pathophysiology I
Phcl 342: Human Pathophysiology II
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
School of Pharmacy | Spring 2023-24  
1018 NCNPR, University, MS 38677  
http://www.pharmacy.olemiss.edu/

- 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  

**Pharmaceutics & Drug Delivery**  
- Phar 432: Concepts in Pharmaceutical Biotechnology  
- Phar 433: Pharmaceutical Industry  
- Phar 435: Pharmaceutical Stability  
- Phar 436: Product Development  
- Phar 437: 3D Printing for Precision Medicine  
- 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 760: Applied Pharmacokinetics  
- Phar 797: Dissertation  

**Pharmacy Administration**  
- Phad 355: The Anthropology of Drugs  
- 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 478: History of Pharmacy  
- Phad 492: Current Issues in Health Care  
- Phad 495: Techniques of Pharmaceutical Sales  
- Phad 496: Principles of Pharmaceutical Marketing  
- Phad 497: Personal Finance for Pharmacists  
- 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 545: Aspects of Pediatric Pharmacy Practice  
- Phad 546: Film and Pharmacy

---

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

https://catalog.olemiss.edu/2024/spring/undergraduate/pharmacy/courses
Phad 547: Phy & Psychosoc Aspects Women's Health
Phad 597: Medical Anthropology
Phad 599: Health Care and Contemporary Society
Phad 630: Intro to Implementation Science
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 Administratio
Phad 796: Pharmacoepidemiology
Phad 797: Dissertation

Pharmacy Practice
Acad 591: Academia Advanced Practice Experience
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
Infld 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
Mspe 591: Medication Safety Practice Experience
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
Peds 591: Pediatric Clerkship
Phcy 470: Distributive Intro Pharmacy Practice Exp
Phcy 471: Institutional Immersion IPPE I
Phcy 510: Community Pharmacy Practice II
Phcy 591: Elective APPE
Phcy 592: Elective APPE
Phcy 593: Elective APPE
Phcy 653: Community Required APPE

Phad 547: Phy & Psychosoc Aspects Women's Health
Phad 597: Medical Anthropology
Phad 599: Health Care and Contemporary Society
Phad 630: Intro to Implementation Science
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 Administratio
Phad 796: Pharmacoepidemiology
Phad 797: Dissertation

Pharmacy Practice
Acad 591: Academia Advanced Practice Experience
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
Infld 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
Mspe 591: Medication Safety Practice Experience
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
Peds 591: Pediatric Clerkship
Phcy 470: Distributive Intro Pharmacy Practice Exp
Phcy 471: Institutional Immersion IPPE I
Phcy 510: Community Pharmacy Practice II
Phcy 591: Elective APPE
Phcy 592: Elective APPE
Phcy 593: Elective APPE
Phcy 653: Community Required APPE
- Phcy 654: Institutional Required APPE
- Phcy 666: Personal & Professional Development IV
- Phcy 667: Personal & Professional Development V
- Phcy 686: Adult Medicine Required APPE
- Phcy 687: Ambulatory Care Required APPE
- Pkin 591: Pharmacokinetics Clerkship
- Pmtm 591: Pharmacy Medication Therapy Management
- Pois 591: Poison Control Clerkship
- Pret 357: Advocacy and Leadership in Pharmacy
- Pret 358: Geriatrics
- Pret 359: Tobacco Cessation Education
- Pret 360: Personal Time Management for Pharm Students
- Pret 361: Vaccine-preventable Illnesses/Travel med
- Pret 362: Veterinary Pharmacy
- Pret 363: Pharmacy, Microcontrollers & the Interne
- Pret 364: Cancer Management
- Pret 365: Advanced Topics in Cardiology
- Pret 366: Life After Graduation
- Pret 367: Beyond Dispensing
- Pret 368: Advanced Infectious Diseases
- Pret 369: Nutrition Support
- Pret 370: Wellbeing & Resiliency for Student Pharm
- Pret 371: Institutional Pharmacy Practice II
- Pret 372: Introduction to Global Health & Pharmacy
- Pret 373: Resiliency in Professional Life
- Pret 374: Advanced Topics in Diabetes Care
- Pret 375: Advanced Topics Critical & Emergent Care
- Pret 376: Landmark Trials
- Pret 377: Problems in Clinical Pharmacy
- Pret 378: Community Pharmacy Practice III
- Pret 379: Institutional Pharmacy Practice III
- Pret 380: Specialty Pharmacy Practice Elective
- Pret 381: Preventive Medicine and Public Health
- Pret 382: Pharmaceutical Care I: Knowledge & Compr
- Pret 383: Pharmaceutical Care I: Problem-Solving
- Pret 384: Pharmaceutical Care I: Group
- Pret 385: Pharmaceutical Care II: Knowledge & Comp
- Pret 386: Pharmaceutical Care II: Problem-Solving
- Pret 387: Pharmaceutical Care II: Group
- Pret 388: Pharmaceutical Care III: Knowledge & Comp
- Pret 389: Pharmaceutical Care III: Problem-Solving
- Pret 390: Pharmaceutical Care III: Group
- Pret 391: Pharmaceutical Care IV: Knowledge & Comp
- Pret 392: Pharmaceutical Care IV: Problem-Solving
- Pret 393: Pharmaceutical Care IV: Group
- Pret 394: Pediatric Pharmacotherapy
- Pret 395: Pharmaceutical Care IV: Group
- Pret 396: Patient-Caregiver-Provider Education
- Pret 397: Practice Skills Laboratory V
- Pret 398: 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
- Spec 591: Specialty Pharmacy Practice Experience
- Surg 591: Surgery Clerkship
- Tran 591: Organ Transplant Advanced Pharmacy Pract
- Veto 591: Veterinary Medicine Advanced Pharmacy Pr
- Womh 591: Women's Health Advanced Pharmacy Pract