School of Pharmacy

Overview
Academics & Admissions
Departments
Programs
Courses
Faculty
Awards

Courses

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 Geriatriac & 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
TGCP 591: Transitions of Care Patient Care APPE
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 Phytoec
- BMS 652: Regulation of Dietary Supplements
- BMS 653: Formulation and Manufacturing of Dietary Products
- BMS 654: Identification and Authentication of Dietary Ingredients
- BMS 655: Pharmacology and Toxicology of Dietary Supplements
- BMS 661: Cannabis Identification, Genomics, & Engineering
- BMS 662: Cannabis Policy & Law Syllabus
- BMS 663: Formulation & Manufacturing of Cannabis Products
- BMS 664: Chemistry & Standardization of Cannabis Products
- BMS 665: Pharmacology & Toxicology of Cannabinoids
- BMS 687: Thesis
- BMS 725: Mass Spectrometry: Fundamentals
- BMS 787: Advanced Topics in Toxicology
- BMS 797: 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: Biorganic 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 450: Career/Achievements in BMS: Nat Prod Res
- 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
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 478: History of Pharmacy
Phad 492: Current Issues in Health Care
Phad 495: Techniques for Pharm & Bio-Pharm 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
Phad 547: Phy & Psychosoc Aspects Women's Health

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.
- 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 Administration
- 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
- Cmty 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 Experience
- 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
- Onci 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 666: 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 Internet
Pret 470: Introduction to Nuclear Pharmacy
Pret 471: Advanced Topics in Cardiology
Pret 472: Life After Graduation
Pret 473: Beyond Dispensing
Pret 474: Advanced Infectious Diseases
Pret 475: Nutrition Support
Pret 476: Wellbeing & Resiliency for Student Pharm
Pret 480: Introduction to Global Health & Pharmacy
Pret 486: Resiliency in Professional Life
Pret 488: Advanced Topics in Diabetes Care
Pret 489: Advanced Topics Critical & Emergent Care
Pret 490: Landmark Trials
Pret 541: Problems in Clinical Pharmacy
Pret 552: Preventive Medicine and Public Health
Pret 555: Pharmaceutical Care I: Knowledge & Compr
Pret 556: Pharmaceutical Care I: Problem-Solving
Pret 557: Pharmaceutical Care I: Group
Pret 558: Pharmaceutical Care II: Knowledge & Comp
Pret 559: Pharmaceutical Care II: Problem-Solving
Pret 560: Pharmaceutical Care II: Group
Pret 561: Pharmaceutical Care III: Knowledge & Comp
Pret 562: Pharmaceutical Care III: Problem-Solving
Pret 563: Pharmaceutical Care III: Group
Pret 564: Pharmaceutical Care IV: Knowledge & Comp
Pret 565: Pharmaceutical Care IV: Problem-Solving
Pret 568: Pediatric Pharmacotherapy
Pret 569: Pharmaceutical Care IV: Group
Pret 570: Patient-Caregiver-Provider Education
Pret 577: Practice Skills Laboratory V
Pret 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
Spec 591: Specialty Pharmacy Practice Experience
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