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 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/Immunoology
- 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 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 501: Graduate Student Survival Strategies
• BMS 602: Techniques in BioMolecular Sciences
• BMS 605: Original Research Proposal BMS
• BMS 610: Carbohydrates and Glycoconjugates
• BMS 641: BioMolecular Sciences Seminar
• BMS 643: BioMolecular Sciences Seminar
• BMS 697: Thesis
• BMS 725: Mass Spectrometry: Fundamentals
• BMS 767: Advanced Topics in Toxicology
• BMS 797: Dissertation
• Medc 317: Pharmacogenetics and Pharmacimmunology
• 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: Quantitative Structure-Activity Relation
• 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 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 541**: Problems in Pharmaceutics
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http://www.pharmacy.olemiss.edu/

- 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 Pharmacaceutics
- 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 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 749: Product Development
- Phar 750: Applied Pharmaceutics
- Phar 760: 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 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
- 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

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https://catalog.olemiss.edu/2023/fall/undergraduate/pharmacy/courses
### Pharmacy Practice

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phad 796</td>
<td>Pharmacoepidemiology</td>
</tr>
<tr>
<td>Phad 797</td>
<td>Dissertation</td>
</tr>
</tbody>
</table>

**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
- Infd 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 687: Personal & Professional Development V
- Phcy 886: Adult Medicine Required APPE
- Phcy 887: Ambulatory Care Required APPE
- 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 Mngmnt 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 475: Nutrition Support
- Prct 476: Wellbeing & Resiliency for Student Pharm
- Prct 477: Institutional Pharmacy Practice II
- Prct 480: Introduction to Global Health & Pharmacy
- Prct 486: Resiliency in Professional Life
- Prct 488: Advanced Topics in Diabetes Care
- Prct 489: Advanced Topics Critical & Emergent Care
- Prct 541: 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 555: Pharmaceutical Care I: Knowledge & Compr
- Prct 556: Pharmaceutical Care I: Problem-Solv
- 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 568: Pediatric Pharmacotherapy
- Prct 569: Pharmaceutical Care IV: Group
- Prct 570: Patient-Caregiver-Provider Education
- Prct 577: Practice Skills Laboratory V
- 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 Practic