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 602: Hematology/Oncology/Immunology
- Phcy 604: Pediatrics and Geriatrics

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 Iaper Problems
Medc 630: Pharmaceutical Protein Design & Devel
Medc 697: Thesis
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
Medc 797: Dissertation
Phcg 320: Special Topics in Oceans & Human Health
Phcg 321: Pathogenesis of Infectious Diseases
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 Pharmacognsny 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
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
### School of Pharmacy | Fall 2019-20

**School of Pharmacy | Fall 2019-20**

1018 NCNPR, University, MS 38677

http://www.pharmacy.olemiss.edu/

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.

[http://catalog.olemiss.edu/2020/fall/undergraduate/pharmacy/courses](http://catalog.olemiss.edu/2020/fall/undergraduate/pharmacy/courses)

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#### Pharmacology

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<tr>
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<tbody>
<tr>
<td>Phcl 347</td>
<td>Introduction to Environmental Toxicology</td>
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<tr>
<td>Phcl 348</td>
<td>Principles of Life Science Research</td>
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<tr>
<td>Phcl 349</td>
<td>Specialized Topics in Environ. Health</td>
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<tr>
<td>Phcl 351</td>
<td>Drugs and Human Performance</td>
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<tr>
<td>Phcl 352</td>
<td>Case Studies in Immunology</td>
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<td>Phcl 381</td>
<td>Introduction to Toxicology</td>
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<tr>
<td>Phcl 382</td>
<td>Fundamentals of Cancer</td>
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<tr>
<td>Phcl 440</td>
<td>Physiologic Case Study for Therapeutics</td>
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<td>Phcl 441</td>
<td>Pharmacology: Novel Drugs in Clin Trials</td>
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<td>Phcl 442</td>
<td>Clinical Toxicology</td>
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<td>Phcl 443</td>
<td>Basic and Clinical Pharmacology I</td>
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<td>Phcl 444</td>
<td>Basic and Clinical Pharmacology II</td>
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<td>Phcl 445</td>
<td>Nutritional Pharmacology</td>
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<td>Phcl 501</td>
<td>Principles of Life Science Research</td>
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<td>Phcl 503</td>
<td>Lab Meth in Pharmacology &amp; Toxicology I</td>
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<td>Phcl 504</td>
<td>Lab Meth in Pharmacology &amp; Toxicology II</td>
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<td>Phcl 505</td>
<td>Modern Phcl: Novel Drugs Clinical Trials</td>
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<td>Phcl 541</td>
<td>Problems in Pharmacology</td>
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<td>Introduction to Environmental Toxicology</td>
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<td>Phcl 563</td>
<td>Introductory Pharmacology I</td>
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<td>Phcl 564</td>
<td>Introductory Pharmacology II</td>
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<td>Phcl 569</td>
<td>Drug Abuse Education</td>
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<td>Phcl 581</td>
<td>Introduction to Toxicology</td>
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<td>Phcl 586</td>
<td>Receptors and Channels</td>
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<td>Teaching in Pharmacology and Toxicology</td>
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<td>Unified Lab in Pharm. Tox &amp; Phys Chem</td>
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<td>Phcl 642</td>
<td>Unified Lab in Pharm. Tox &amp; Phys Chem</td>
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<tr>
<td>Phcl 643</td>
<td>Seminar: Curr Topics in Pharm &amp; Tox</td>
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<td>Phcl 651</td>
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<td>General Pharmacology I</td>
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<td>Phcl 665</td>
<td>Human Neurobiology</td>
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<td>Externship in Pharmacology</td>
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<td>Phcl 669</td>
<td>Physiological Chemistry</td>
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<td>Gen Prnc of Pharmacology &amp; Toxicology I</td>
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<td>Phcl 676</td>
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<td>Phcl 679</td>
<td>Methods in Pharmacology and Toxicology</td>
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<td>Sel Topics - Pharmacology and Toxicology</td>
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<td>Phcl 697</td>
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<td>Phcl 797</td>
<td>Dissertation</td>
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#### Pharmaceutics & Drug Delivery

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<tbody>
<tr>
<td>Phar 330</td>
<td>Pharmaceutical Calculations</td>
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<tr>
<td>Phar 331</td>
<td>Basic Pharmaceutics I</td>
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<tr>
<td>Phar 332</td>
<td>Basic Pharmaceutics II</td>
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<tr>
<td>Phar 334</td>
<td>Biopharmaceutics and Pharmacokinetics</td>
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<tr>
<td>Phar 335</td>
<td>Clinical Laboratory Data Analysis</td>
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<tr>
<td>Phar 432</td>
<td>Concepts in Pharmaceutical Biotechnology</td>
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<tr>
<td>Phar 433</td>
<td>Industrial Pharmacy</td>
</tr>
<tr>
<td>Phar 435</td>
<td>Pharmaceutical Stability</td>
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<td>Phar 436</td>
<td>Product Development</td>
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<td>Phar 541</td>
<td>Problems in Pharmaceutics</td>
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<td>Phar 542</td>
<td>Problems in Pharmaceutics</td>
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<tr>
<td>Phar 543</td>
<td>Seminar in Current Pharm. Topics</td>
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<tr>
<td>Phar 544</td>
<td>Seminar in Current Pharm. Topics</td>
</tr>
</tbody>
</table>
Pharmacology
- 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 470: Phy & Psychosoc Aspects Women's Health
- 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: Pharmacoconomics
- Phad 795: Special Topics in Pharmacy Administratio
- Phad 796: Pharmacoepidemiology
Pharmacy Practice

- Phad 797: Dissertation
- 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 Pr
- 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 Pract
- Pedg 591: Pedagogy 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
- Prct 350: Information Skills in Pharmacy Practice
- Prct 353: Practice Skills Laboratory I
- Prct 354: Practice Skills Laboratory II
- Prct 357: Advocacy and Leadership in Pharmacy
- Prct 358: Geriatrics
- Prct 359: Tobacco Cessation Education
- Prct 360: Personal Time Management for Pharm Students
- Prct 361: Vaccine-preventable Illnesses/Travel med
- Prct 362: Veterinary Pharmacy
- Prct 363: Pharmacy, Microcontrollers & the Intern
- Prct 450: Pharmacy Practice I
- Prct 451: Pharmacy Practice II
- Prct 455: Practice Skills Laboratory III
- Prct 456: Practice Skills Laboratory IV
- Prct 470: Introduction to Nuclear Pharmacy
- Prct 471: Advanced Topics in Cardiology
- Prct 472: Life After Graduation
- Prct 473: Beyond Dispensing
- Prct 474: Advanced Infectious Diseases
- Prct 477: Institutional Pharmacy Practice II
- Prct 480: Introduction to Global Health & Pharmacy
- Prct 520: Case Management I
- Prct 521: Case Management II
- Prct 522: Case Management III
- Prct 523: Case Management IV
- Prct 524: Case Management V
- Prct 525: Case Management VI
- Prct 526: Case Management VII
- Prct 527: Case Management VIII
- Prct 528: Case Management IX
- Prct 529: Case Management X
- Prct 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: Pers & Prof Dev - Seminar Skills
- Prct 567: Pers & Prof Dev - NAPLEX Review
- Prct 568: Pediatric Pharmacotherapy
- 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