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: Pharmacoclinimnology
- 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
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BMS 473</td>
<td>Medical Cannabis</td>
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<tr>
<td>BMS 601</td>
<td>Graduate Student Survival Strategies</td>
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<tr>
<td>BMS 605</td>
<td>Original Research Proposal BMS</td>
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<tr>
<td>BMS 641</td>
<td>BioMolecular Sciences Seminar</td>
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<tr>
<td>BMS 643</td>
<td>BioMolecular Sciences Seminar</td>
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<tr>
<td>BMS 725</td>
<td>Mass Spectrometry: Fundamentals</td>
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<tr>
<td>BMS 767</td>
<td>Advanced Topics in Toxicology</td>
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<tr>
<td>Medc 317</td>
<td>Pharmacogenetics and Pharmacocommunology</td>
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<tr>
<td>Medc 318</td>
<td>Chemical and Biological Terrorism</td>
</tr>
<tr>
<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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<tr>
<td>Medc 417</td>
<td>Intro to the Principles of Med Chem II</td>
</tr>
<tr>
<td>Medc 418</td>
<td>Neuroscience Principles of Drug Abuse</td>
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<tr>
<td>Medc 419</td>
<td>Special Topics in Oncology</td>
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<tr>
<td>Medc 501</td>
<td>Advanced Medicinal Chemistry I</td>
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<tr>
<td>Medc 502</td>
<td>Advanced Medicinal Chemistry II</td>
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<tr>
<td>Medc 503</td>
<td>Medicinal Chemistry Research Methodology</td>
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<tr>
<td>Medc 507</td>
<td>Organic Chemistry of Drug Synthesis</td>
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<tr>
<td>Medc 541</td>
<td>Problems in Medicinal Chemistry</td>
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<tr>
<td>Medc 542</td>
<td>Problems in Medicinal Chemistry</td>
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<tr>
<td>Medc 610</td>
<td>Selected Topics in Medicinal Chemistry</td>
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<tr>
<td>Medc 630</td>
<td>Pharmaceutical Protein Design &amp; Develop</td>
</tr>
<tr>
<td>Medc 697</td>
<td>Thesis</td>
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<tr>
<td>Medc 711</td>
<td>Intro to Computer-Aided Drug Design</td>
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<tr>
<td>Medc 712</td>
<td>Quantitative Structure-Activity Relation</td>
</tr>
<tr>
<td>Medc 713</td>
<td>Drugs Affecting the Nervous System</td>
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<tr>
<td>Medc 714</td>
<td>Chemotherapeutic Agents</td>
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<tr>
<td>Medc 718</td>
<td>Bioorganic Chemistry</td>
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<tr>
<td>Medc 797</td>
<td>Dissertation</td>
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<tr>
<td>Phcg 320</td>
<td>Special Topics in Oceans &amp; Human Health</td>
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<tr>
<td>Phcg 321</td>
<td>Pathogenesis of Infectious Diseases</td>
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<tr>
<td>Phcg 329</td>
<td>Herbal Supplements &amp; Alternative Therapy</td>
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<tr>
<td>Phcg 422</td>
<td>Natural Product Derived Pharmaceuticals</td>
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<tr>
<td>Phcg 425</td>
<td>Poisonous Plants and Mushrooms</td>
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<tr>
<td>Phcg 426</td>
<td>Cancer Chemo - Targets and Discovery</td>
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<tr>
<td>Phcg 427</td>
<td>Drug Discovery I</td>
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<tr>
<td>Phcg 428</td>
<td>Drug Discovery II</td>
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<tr>
<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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<tr>
<td>Phcg 541</td>
<td>Problems in Pharmacognosy</td>
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<tr>
<td>Phcg 542</td>
<td>Problems in Pharmacognosy</td>
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<tr>
<td>Phcg 545</td>
<td>Individual Study in Pharmacognosy Res</td>
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<tr>
<td>Phcg 546</td>
<td>Individual Study in Pharmacognosy Res</td>
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<tr>
<td>Phcg 550</td>
<td>Careers/Achievements in BMS</td>
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<tr>
<td>Phcg 620</td>
<td>Selected Topics in Pharmacognosy</td>
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<tr>
<td>Phcg 627</td>
<td>Natural Product Chemistry</td>
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<td>Phcg 628</td>
<td>Natural Product Chemistry</td>
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<tr>
<td>Phcg 630</td>
<td>Advanced Topics</td>
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<tr>
<td>Phcg 631</td>
<td>Analysis of Natural Product Drugs I</td>
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<tr>
<td>Phcg 632</td>
<td>Analysis of Natural Product Drugs II</td>
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<tr>
<td>Phcg 633</td>
<td>Analysis of Natural Product Drugs III</td>
</tr>
<tr>
<td>Phcg 634</td>
<td>Biosynthesis of Plant Constituents</td>
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<tr>
<td>Phcg 635</td>
<td>Introduction to Molecular Cell Biology</td>
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<tr>
<td>Phcg 636</td>
<td>Fermentation Chemistry</td>
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<tr>
<td>Phcg 697</td>
<td>Thesis</td>
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<td>Phcg 797</td>
<td>Dissertation</td>
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<tr>
<td>Phcl 202</td>
<td>Environmental Health Perspectives</td>
</tr>
<tr>
<td>Phcl 340</td>
<td>Animal Cells: Testing New Drugs</td>
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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/2020/spring/undergraduate/pharmacy/courses
• 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 502: 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 335: Clinical Laboratory Data Analysis
• 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 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 748: Product Development
Phar 750: Applied Pharmaceutics
Phar 760: Applied Pharmacokinetics
Phar 787: Dissertation

Pharmacy Administration
Phad 393: Learning & Teaching: A Professional Elec
Phad 394: Intermid. 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 Mktng & 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
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
• Inf1 591: Infectious Disease Clerkship
• Info 591: Informatics Practice Experience
• Inop 591: Institutional Out-Patient Practice Exp
• 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
• Oncd 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
• 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-Solvin
• 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
- 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