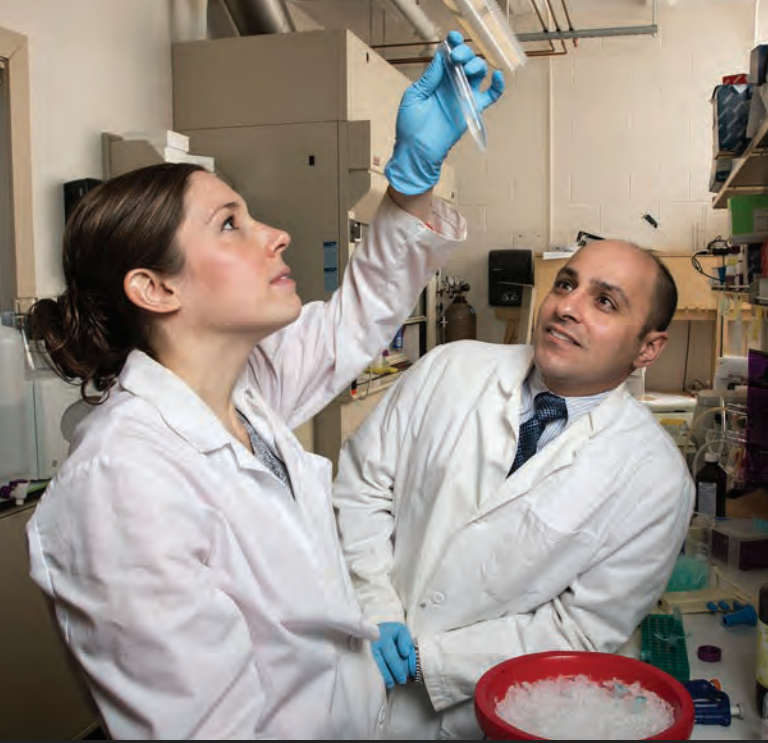
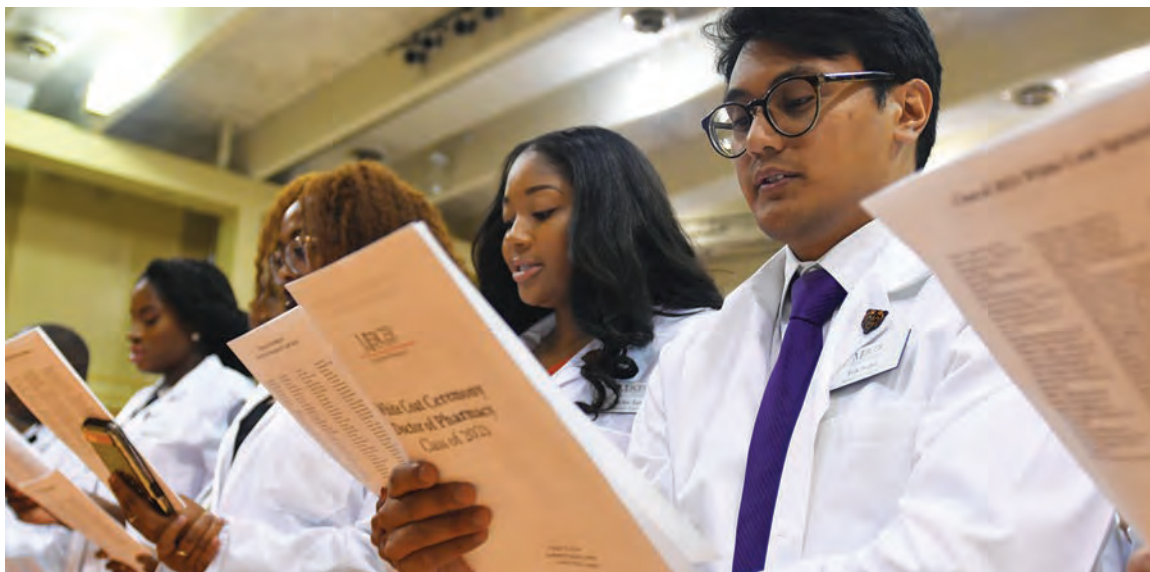


MERCER UNIVERSITY

COLLEGE OF PHARMACY



What's New



- The College is unveiling a **renewed curriculum** that features a “spiral” learning style. Learn more on page 3.
- **The College is admitting students for a new Spring entry point**, in addition to its traditional Fall entry point. For prospective pharmacy students who finish their prerequisites in December, they can begin at Mercer in January instead of waiting eight months to start in August. The January 2022 class will **graduate in May 2025 and practice as a pharmacist a year earlier** than if they had started in Fall 2022.
- **Earn two degrees in six years:** Students who do not hold a bachelor’s degree will earn a bachelor’s of pharmaceutical sciences degree from Mercer upon successful completion of two years of the Pharm.D. Program. (You may even walk in the University commencement ceremony at that time for your B.S. degree!) Continue for another two years to earn your Pharm.D.
- **Two new master’s degrees** in health outcomes or pharmaceutical sciences. Read more on pages 9 and 10.

Renewed Curriculum

In Fall 2020, the College unveiled a renewed curriculum featuring a “spiral” learning style that highlights broad concepts initially and funnels down to increasingly complex concepts, all while emphasizing skills competency required for pharmacy care.

We’ve added **Comprehensive Patient-Centered Care** courses to the P1-P3 years to gear up students for the increasing care of patients with complex conditions. Our **Integrated Patient Care** sequence gives students a broad foundation of pharmacy practice and the profession. Our new **Specialty Pharmacy Practice** course in the P3 year addresses the management practices and pharmacotherapy of advanced pharmacy practice areas.

Courses complement what students will see in their rotations:

- Infectious disease and endocrine moved up to the P2 year as students increasingly see these conditions in their community pharmacy rotations and the more complex nervous system is covered in the P3 year in preparation for advanced rotations in the P4 year.
- **Introductory Law** covers what P1 students need to know before they enter their introductory rotations. **Advanced Law** in the P3 year covers the “gray areas” of pharmacy law with more case-based scenarios, all in preparation for advanced rotations in the P4 year.
- Each Introductory Pharmacy Practice Experience will now run three weeks, allowing more time for students to experience the workings of a pharmacy.

First Year (P1)

| First semester: | Credit Hours: | Second semester: | Credit Hours: |
|--|---------------|--|---------------|
| Pharmacy Fundamentals | | Biopharmaceutics and Pharmacokinetics | 4 |
| Foundations of Pharmacology and Immunology | 5 | Pharmaceutics and Medicinal Chemistry | 5 |
| Healthcare Delivery and Population Health | 3 | Integrated Patient Care II | 4 |
| Self-Care | 3 | Introductory Law | 2 |
| Integrated Patient Care I | 4 | Comprehensive Patient-Centered Care I | 2 |
| Professional Development and Engagement I | 1 | Professional Development and Engagement II | 1 |

Second Year (P2)

Community Introductory Pharmacy Practice Experience 2

Fall semester:

| | |
|---|---|
| Cardiovascular and Renal Pharmacotherapy | 6 |
| Endocrine Pharmacotherapy | 5 |
| Integrated Patient Care III | 4 |
| Professional Development and Engagement III | 1 |

Spring semester:

| | |
|--|---|
| Infectious Diseases Pharmacotherapy | 6 |
| Pulmonary and Integument Pharmacotherapy | 4 |
| Integrated Patient Care IV | 3 |
| Comprehensive Patient-Centered Care II | 2 |
| Elective | 2 |
| Professional Development and Engagement IV | 1 |

Third Year (P3)

Institutional Introductory Pharmacy Practice Experience 2

Fall semester:

| | |
|--|---|
| Nervous System Pharmacotherapy | 5 |
| Gastrointestinal and Musculoskeletal Pharmacotherapy | 5 |
| Integrated Patient Care V | 3 |
| Advanced Law | 2 |
| Elective | 2 |
| Professional Development and Engagement V | 1 |

Spring semester:

| | |
|---|---|
| Basic and Clinical Sciences Review | 1 |
| Oncology, Toxicology and Drug-Induced Disorders Pharmacotherapy | 4 |
| Integrated Patient Care VI | 3 |
| Comprehensive Patient-Centered Care III | 3 |
| Specialty Pharmacy Practice | 2 |
| Electives (2) | 4 |
| Professional Development and Engagement VI | 1 |

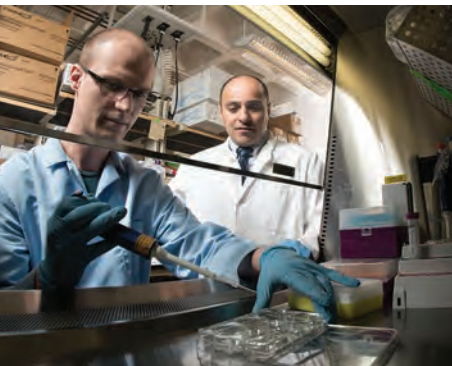
Fourth Year (P4)

Eight 5-week Advanced Pharmacy Practice Experiences and three pharmacy review courses.

Combined Degrees



The College hosts 15 chapters of regional and national pharmacy organizations and two student councils.



Pharm.D./M.S. in Health Outcomes

A five-semester, fully online master's program geared toward students who want careers in comparative effectiveness research and management or pharmacoeconomics modeling. The degree program offers two tracks, pharmacoeconomics or health outcomes research, with common courses in statistical software programming, epidemiology and biostatistics, among others, before completing specific track courses. Two nine-credit certificate programs also are offered.

Pharm.D./M.S. in Health Informatics

The MSHI is a fully online health informatics degree program showcasing the new and rapidly evolving field of using healthcare information through computing and communication technologies to foster better collaboration among a patient's various healthcare stakeholders. The program permits concurrent pursuit of both the Pharm.D. and the MSHI, earned through the College of Professional Advancement.

Pharm.D./MBA

The MBA degree complements the Pharm.D. degree by broadening the occupational and professional opportunities of the prospective graduate in community, industry or institutional practice. The program permits concurrent pursuit of both the Pharm.D. and MBA, earned through the Stetson-Hatcher School of Business.

Pharm.D./MPH

The MPH degree program is designed to transform students into graduates ready to tackle the complex and dynamic challenges of public health in neighborhoods and populations in the United States and around the world. The program permits concurrent pursuit of both the Pharm.D. and MPH, earned through the College of Health Professions.

Pharm.D./Ph.D.

The Pharm.D./Ph.D. program enables highly qualified students to obtain both degrees in a shortened period of time and is designed for students who are strongly motivated toward an academic/research career in the pharmaceutical sciences. The time required for completion of the program depends on the individual qualifications and interests of the student.

Pharm.D./M.S. in Pharmaceutical Sciences

This master's program seeks to equip graduates with the interdisciplinary research skills necessary for careers in academia, the pharmaceutical industry or in government. Some courses for students seeking a combined Pharm.D./M.S. in pharmaceutical sciences are waived as credit is earned in the Pharm.D. curriculum.

Ph.D.



The Mercer Doctor of Philosophy (Ph.D.) program in pharmaceutical sciences is a highly individualized graduate program tailored to each student to prepare them for careers in teaching and research in academic institutions and for employment in industry, government and other institutions involved in health science-oriented research and development.

The Ph.D. program consists of 70 semester hours, including 35 hours of dissertation research. Doctoral students are required to maintain a full-time load of six semester hours each semester (fall, spring, summer) while completing degree requirements. Upon successful completion of the program, the Ph.D. degree is awarded.

Admissions requirements and standards are designed to ensure success in the Mercer Ph.D. program. Selecting a candidate for a doctoral program involves many important factors including academic background (undergraduate coursework, GPAs, GRE scores), and extracurricular and work experiences. New students are accepted in the fall and spring semesters.

All applicants seeking admission to the Ph.D. Program must submit all required application materials and meet the following requirements prior to enrollment in the program:

- Completion of a Bachelor of Science in Pharmacy, Pharmaceutical Sciences, Chemistry, Biology or an equivalent degree in a related area or a Doctor of Pharmacy (Pharm.D.) degree.
- Minimum undergraduate Grade Point Average (GPA) of 3.0 or higher.
- Minimum Graduate Record Examination (GRE) score of at least 40 percentile in the verbal section and at least 60 percentile in the quantitative section.
- For applicants from a country where the primary language is other than English, a minimum TOEFL score of 100 on the internet-based test (IBT) is required.
- Qualified applicants with complete files and who meet or exceed the admissions criteria listed above may be invited for a personal interview with program faculty.



Tuition & Financial Aid



Each year we award more than \$1 million in scholarships.

The College of Pharmacy offers \$1 million in scholarships each year. First-year merit scholarships are awarded to accepted students with cumulative undergraduate GPAs of 3.5 or higher. The College has additional scholarships for students in years 2–4 in the program based on academic and professional performance.

Doctor of Pharmacy

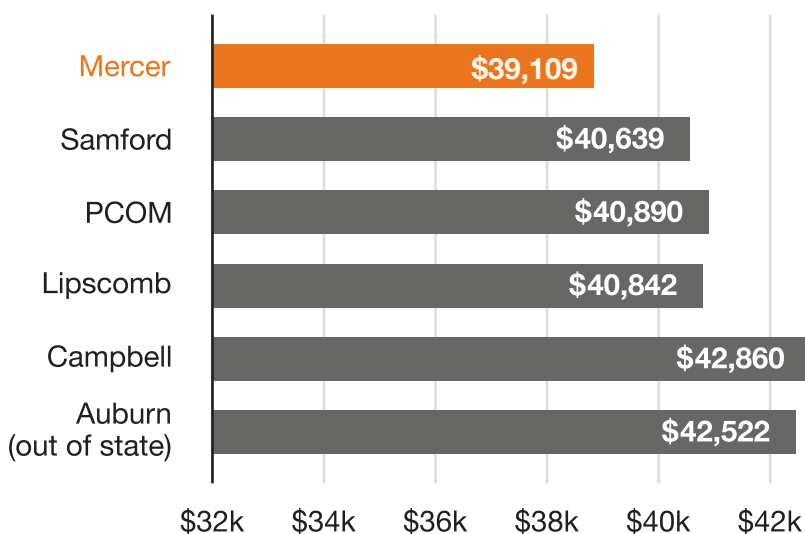
| | |
|--|-----------|
| Annual Tuition | \$39,109 |
| Annual Facilities and Technology Fee | \$300 |
| Total Estimated Tuition and Fees for Students Entering Pharm.D. Program in August 2021 | \$157,636 |

Please note that the tuition and fees above are for the 2021–2022 academic year and are subject to change each year. There has been a slight increase in tuition each year (in recent years, between 2% to 3%). Other expenses you should plan for when setting your budget include those for books, living (e.g., housing, food), transportation, etc.

Questions on Financial Aid?

Please reach out to the Student Financial Planning Office at 678.547.6444 or financialaid.mercer.edu

Mercer Annual Tuition and Fees Cost Compared to Other Schools



Questions & Answers

What are the materials required to apply to the Doctor of Pharmacy Program?

An application must be submitted through PharmCAS prior to the deadline (www.pharmcas.org). All U.S. college transcripts must be sent to PharmCAS. Two letters of reference must be submitted to PharmCAS. Letters from college professors, advisers, work supervisors and pharmacists are preferred.

Applicants are encouraged to submit their applications before letters of recommendation are received by PharmCAS.

What are the required courses needed for applying to the Doctor of Pharmacy Program?

All required courses do not need to be completed at time of application but must be completed before enrollment in the Pharm.D. Program. Admission requires a minimum of 66 semester hours (99 quarter hours) of pre-professional education completed with grades of C or better at a nationally accredited college or university in the United States and includes the following prerequisites:

- General Chemistry (two courses with labs)
- Organic Chemistry (two courses with labs)
- Biochemistry (one course, lab optional)
- General Biology (two courses with labs)
- Anatomy and Physiology (two courses, labs optional)
- Microbiology (one course, lab optional)
- Calculus (one course)
- Statistics (one course)
- English Composition (two courses)
- Economics (one course)
- Speech (one course)
- Humanities Electives (two courses)*
- Social/Behavioral Science Electives (two courses)*

*At least one elective course must focus on cultural diversity. Examples that fulfill this prerequisite are: sociology, cultural anthropology, cultural geography, world literature, world religions, gender studies or cultural studies in specific languages other than the student's native language.



Your Professional Development and Engagement course will bring you together with our alumni and other leaders in pharmacy.

What does the admissions committee look at when reviewing an application?

Admissions requirements and standards are designed to ensure success in the Pharm.D. Program. Applicants who meet or exceed admissions requirements and standards are invited to visit the College of Pharmacy for a personal interview.

- Academic background
- Letters of recommendation
- Pharmacy/work experience
- Extracurricular/community service activities
- Written and oral communication skills
- Critical-thinking and problem-solving skills
- Motivation and commitment to life-long learning and the profession of pharmacy
- Participation in activities that raise awareness of cultural and social diversity and promote community engagement

Are scholarships available?

The College of Pharmacy offers \$1 million in scholarships each year. First-year merit scholarships are awarded to accepted students with cumulative undergraduate GPAs of 3.5 or higher. The College has additional scholarships for students in years 2-4 in the program based on academic and professional performance.

Who can I contact for information pertaining to financial aid?

Student Financial Planning Office:
678.547.6444 or financialaid.mercer.edu
FAFSA: fafsa.ed.gov



Master of Science in Health Outcomes



Mercer University College of Pharmacy now offers a **Master of Science in Health Outcomes: a 30 credit, fully online degree program that offers two tracks, pharmacoconomics or health outcomes research.** Health economics and outcomes research is increasingly important to the health care industry and aims to optimize patient care delivery and clinical decision-making as well as influence policy discussions related to health care reimbursements and priorities.

This degree program will prepare students for careers in health care administration, medical affairs, market access and research and will provide graduates with concrete skills and competencies that make them competitive for jobs in diverse public and private health systems, the pharmaceutical industry, health insurance companies, government and academia.

Projected schedule:

Semester 1

- PHA 703 Biostatistics
- PHA 704 Epidemiology
- PHA 705 Introduction to software

Semester 2

- PHA 707 Qualitative methods
- PHA 708 Healthcare delivery, policy, and management
- PHA 709 Survey of health services research methods

Semester 3

- PHA 710 Quantitative methods
- PHA 712 Health economics

Semester 4

- Option 1 - Pharmacoconomics track*
- PHA 713 Pharmaco-economic modelling
 - PHA 714 Advanced statistical methods

- Option 2 - Health Outcomes track*
- PHA 719 Patient reported outcomes
 - PHA 720 Comparative effectiveness research

Semester 5

- PHA 722 Seminar
- PHA 797 Capstone
- PHA 798 Thesis

Who should apply?

Professionals from a variety of health care backgrounds, such as

- Pharmaceutical industry professionals
- Managed care pharmacists
- Regulatory compliance managers
- Health system pharmacists
- Healthcare administrators
- Registered nurses and nursing administrators

- Pharmacy or nursing students

Program Director: Lorenzo Villa-Zapata, Pharm.D., Ph.D.

Dr. Villa-Zapata joined Mercer University in August 2020 as a clinical assistant professor of pharmacy practice. He was an assistant professor at the College of Pharmacy at the Universidad de Concepción in Chile for 10 years, focusing on health outcomes and economics research, and most recently he was a postdoctoral fellow at the University of Colorado Skaggs School of Pharmacy.



Admission Requirements

Potential applicants are required to complete a bachelor's degree program or higher, completing courses with a C grade or better. Applicants are asked to submit their application through PharmGrad application service and should have a demonstrated interest in pharmacy and health care services through degree programs (e.g., undergraduate major or graduate degree) or work experience. While not required, a standardized test score that is no more than five years old (e.g. GRE, PCAT, MCAT, LSAT) may be submitted.

Tuition

\$750 per credit hour + technology fee of \$17 per credit, with a maximum of \$150
Total estimated tuition = \$23,041

Financial Aid Eligibility

Master's degree students are eligible for private and federal loans.

Ready to Apply?

<https://www.pharmgrad.org>

More Information

<https://pharmacy.mercer.edu/academic-programs/masters-of-science-in-health-outcomes/>



Master of Science in Pharmaceutical Sciences



Mercer University College of Pharmacy now offers a Master of Science in Pharmaceutical Sciences: a 30 credit, two-year, laboratory-based degree program that offers a thesis or non-thesis track. Students in the non-thesis track have the option of completing their degree on campus or by synchronous remote learning.

Pharmaceutical sciences research is increasingly important to the health care industry and aims to optimize patient health and improve drug delivery through innovations in research. This degree program will prepare students with concrete skills and competencies to make them competitive for careers as a level 1 research scientist in the pharmaceutical industry, governmental agencies or academia.

Projected Schedule:

Semester 1

PHA 742 Foundation in Pharm. Sci.
PHA 749 Introduction to Research
PHA 798 Thesis Research
PHA 799 Non-Thesis Research

Semester 2

PHA 715 Pharmacokinetics
PHA 798 Thesis Research
PHA 799 Non-Thesis Project

Semester 3

PHA 798 Thesis Research
PHA 799 Non-Thesis Project

Semester 4

PHA 743 Foundation in Research
PHA 745 Statistical Methods
PHA 797 Graduate Seminar

Semester 5

PHA 744 Scientific Writing
PHA 798 Thesis Research
PHA 799 Non-Thesis Project

Semester 6

PHA 798 Thesis Research
PHA 799 Non-Thesis Project

Who Should Apply?

Professionals from a variety of health care backgrounds, such as

- Pharmaceutical industry professionals
- Government agency professionals
- Pharmacy students, who will waive 8 credits for Foundations in Pharm. Sci. and Pharmacokinetics

Program Director: Martin J. D'Souza, Ph.D.

Dr. D'Souza is a nationally known expert in nanotechnology whose laboratory focuses on the design of novel patented technologies to deliver nano vaccines via oral-, buccal-, parenteral- and microneedle-based transdermal routes. He has developed two potential dry particulate vaccines, one for gonorrhea and another for ovarian cancer, which was the first ovarian cancer vaccine to reach clinical trials. He joined Mercer University College of Pharmacy from the University of Pittsburgh, where he earned a Ph.D. in pharmaceutical sciences.



Admission Requirements

Potential applicants are required to complete a bachelor's degree program or higher, completing courses with a GPA of 3.0 or higher. Applicants are required to submit their application through PharmGrad application service. For an applicant from a country where the primary language is other than English, TOEFL scores are required.

Tuition

\$750 per credit hour + technology fee of \$150/semester
Total estimated tuition = \$23,400

Financial Aid Eligibility

Master's degree students are eligible for private and federal loans.

Ready to Apply?

<https://www.pharmgrad.org>

More Information

<https://pharmacy.mercer.edu/academic-programs/master-of-science-in-pharmaceutical-sciences/>

or

pharmscims@mercer.edu

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