



























# A Tradition of Excellence, A Legacy of Caring

MERCER UNIVERSITY COLLEGE OF PHARMACY



pharmacy.mercer.edu

# Mercer University College of Pharmacy advances health through innovations in teaching, research, patient-centered care and service.

**Our Mission** 

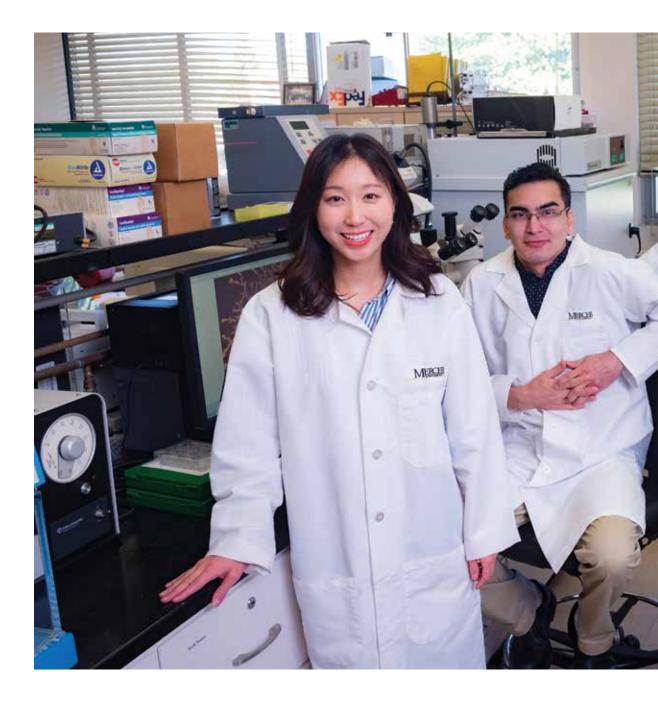
### **Highlights**



- Jobs in health economics and outcomes research are growing. Earn a master's degree in health outcomes concurrently with your Pharm.D. Read more on page 14.
- The College admits students for two start dates, January 2023 and August 2023. For prospective pharmacy students who finish their prerequisites in December, they can begin at Mercer in January instead of waiting eight months. The January 2023 class will graduate in May 2026 and practice as a pharmacist a year earlier than if they had started in Fall 2023.
- 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.
- The College's **curriculum** features a "spiral" learning style. Learn more on page 6.

# Diversity

We are one of the most diverse pharmacy schools in the nation. No one ethnic or racial group holds a majority. The College is focused on diversity, inclusion and equity in campus life and in the 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 patient care.

*Comprehensive Patient-Centered Care* courses in the P1-P3 years 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 *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:

- Expanded Introductory Pharmacy Practice Experiences (IPPEs) provide students insight into the role of a pharmacist in community and institutional practice settings.
- Infectious disease and endocrine courses are included in 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.

#### First Year (P1)

First semester:	Credit Hours:	Second semester:	Credit Hours:
Pharmacy Fundamentals	2	Biopharmaceutics and Pharmacokinetics	4
Foundations of Pharmacology and Immunolog	gy 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 I	Experience 2		
Fall semester:		Spring semester:	
Cardiovascular and Renal Pharmacotherapy	6	Infectious Diseases Pharmacotherapy	6
Endocrine Pharmacotherapy	5	Pulmonary and Integument Pharmacotherapy	4
Integrated Patient Care III	4	Integrated Patient Care IV	3
Professional Development and Engagement III	1	Comprehensive Patient-Centered Care II	2
		Elective	2
		Professional Development and Engagement IV	1
Third Year (P3)			
Institutional Introductory Pharmacy Practice I	Experience 2		
Fall semester:		Spring semester:	
Nervous System Pharmacotherapy	5	Basic and Clinical Sciences Review	1
Gastrointestinal and Musculoskeletal Pharmac	otherapy 5	Oncology, Toxicology and Drug-Induced	4
Integrated Patient Care V	3	Disorders Pharmacotherapy	
Advanced Law	2	Integrated Patient Care VI	3
Elective	2	Comprehensive Patient-Centered Care III	3
Professional Development and Engagement V	1	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.



# "

At Mercer, faculty were encouraging and supportive of students exploring traditional and non-traditional career paths. I took every opportunity to explore pharmacy, including taking varied elective courses, working in retail and hospital settings, opting to take extra rotations and partnering with faculty to conduct primary research and to publish. I also was involved in several student organizations including APhA, AMCP, ISPOR, SNPhA and Kappa Epsilon. It was through my involvement in these organizations that I found my passion in health economics and outcomes research.

Silky Webb Beaty, Pharm.D. '05, MSPH Head of HEOR/Immunology Medical Affairs UCB, Inc.

## **Research Opportunities**



Students learn how to work in a team and how their decisions impact other healthcare professionals and quality of care.

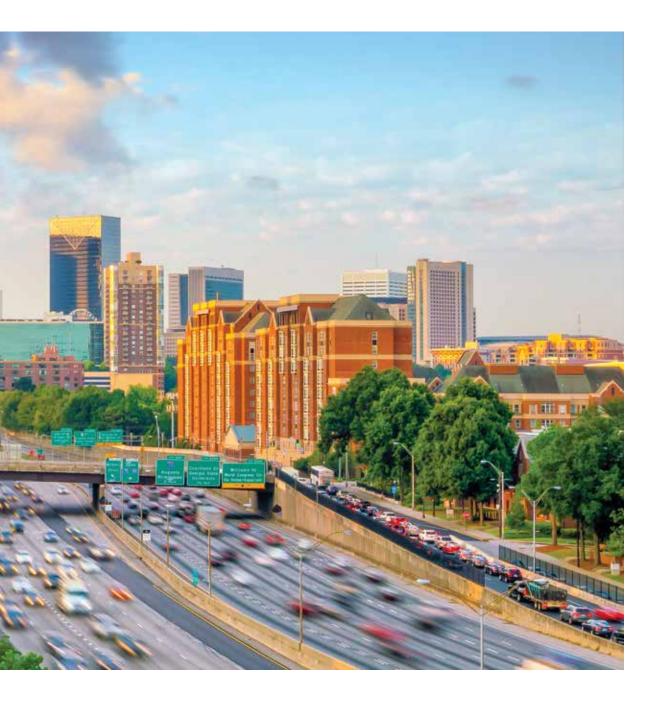
nterested in research? The summer research program is a training program in the pharmaceutical, administrative and clinical sciences designed to identify promising students and encourage them to consider research-oriented careers. Fellowships are available to assist students who wish to be actively involved in research endeavors during the summer term.

Pharm.D. elective courses, including *Introduction to Research* and *Project Development*, provide P2 and P3 students opportunities to perform research alongside faculty for course credit. In addition, more than 30 Pharm.D. students participate in clinical, biomedical, pharmaceutical or social science research projects with faculty on an informal basis.

# Atlanta

At Mercer, you'll be part of a smaller pharmacy school, tucked within greater metropolitan Atlanta, with diverse research, clinical and residency opportunities. Our location in Atlanta enables career mentoring and development in alternative professional pathways, in addition to traditional pharmacy practice.





### **Advancing Your Career**



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You don't have to be a traditional retail pharmacist. Mercer's clinical rotations teach us that there's so much you can do with pharmacy. Mercer has prepared us to be movers and shakers. I felt very supported to pursue new opportunities.

#### Alexander Garrard, Pharm.D. '08

Toxicologist and Expert on Rattlesnake Antivenom Director, Field MSL Team, Boston Scientific

#### Networking

The Professional Development and Engagement courses enhance academic and career advisement and mentoring for students through individual and group meetings, seminars and carefully designed activities. While every student is a member of the larger group, each student is part of a sub-group consisting of students from each class, and faculty.

#### **Entrepreneurial-Focused Track**

Are you an entrepreneur? Are you driven by an innate need to create, build and grow? Entrepreneurship is not solely owned by the pharmaceutical industry; it's found in every corner of pharmacy— community, academia, pharmacy associations and IT, among many others.

If you want to define your path in pharmacy, consider enrolling in the entrepreneurship track in your P1 year. The Entrepreneurial-Focused Track focuses on entrepreneurial innovation and is designed to develop leaders within the community and the profession of pharmacy through a mixture of required and elective courses.

#### Advanced Clinical Track Program

The Advanced Clinical Track (ACT) Program provides a challenging combination of advanced pharmacy practice experiences, one-on-one mentoring and research experience that focuses on advancing fourth-year students as future clinicians and clinical researchers.



## **Post-Graduate Opportunities**



We are located in Atlanta, with all of its diverse research, clinical and residency opportunities.



#### Fellowships

The College offers fellowships at Azurity Pharmaceuticals and Galt Pharmaceuticals in metro Atlanta that offer new pharmacists in-depth experience in medical affairs and outcomes research as they transition into the workforce. Fellows divide their time between the College and Galt or Azurity, where they help advance the clinical development of secondary indications of approved drugs and support scientific affairs of Galt or Azurity products as they move from development to commercialization. The College of Pharmacy supports and guides fellows' assigned research projects in medical affairs or outcomes that result in publication of their research findings in peer-reviewed publications and presentations at scientific conferences.

#### Residencies

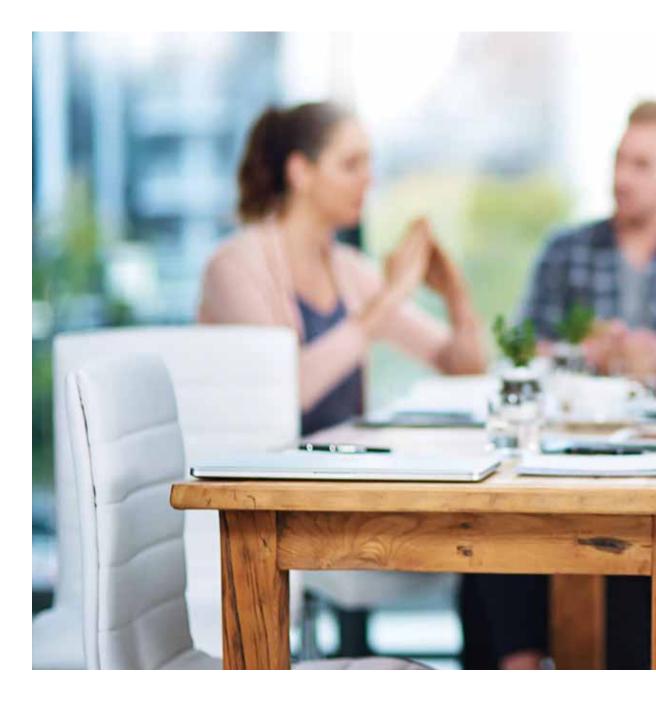
To provide challenging post-graduate opportunities for highly motivated Pharm.D. graduates, the College of Pharmacy offers residencies for them to specialize in the delivery of pharmaceutical care services, to improve their teaching abilities and to develop research skills. Although not required for entry into pharmacy practice, a one-year residency affords the Pharm.D. graduate an opportunity to develop expertise in clinical pharmacy practice and specialty areas. Residency positions are currently available in community pharmacy at Walgreens.

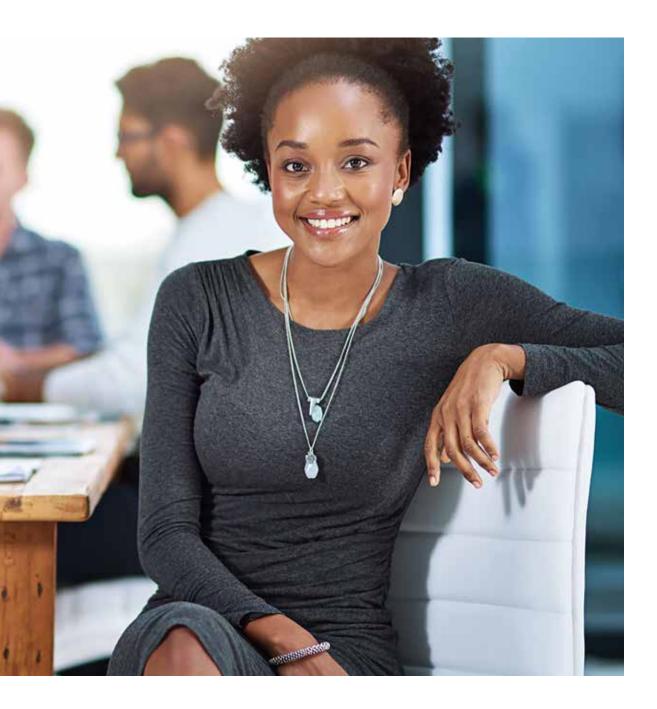
#### **Teaching Certificate**

Pharmacy residents at metro Atlanta hospitals come to Mercer to earn a teaching certificate. The College's post-graduate training program provides opportunities to gain classroom experience and receive instruction on educational methods. Consistent and quality teaching experiences help prepare residents for a variety of training settings and future careers in academia.

# **Non-Traditional Career Paths**

Pharmacy offers a multitude of career paths, including pharmaceutical industry, large healthcare systems and hospitals, managed care and government agencies, in addition to traditional community pharmacy. Our location in Atlanta easily enables career mentoring and development in alternative professional pathways.





## Pharm.D/Master of Science in Pharmaceutical Sciences



The Master of Science in Pharmacuetical Sciences is a 30-credit, laboratory-focused degree program that offers a thesis or non-thesis track. Students enrolled in the MSPS non-thesis track have the option of completing their degree on campus or by synchronous remote learning.

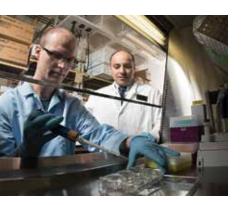
#### For those enrolled in the combined Pharm.D./MSPS program:

- 10 credits are waived through completion of Foundations in Pharmaceutical Sciences and Pharmacokinetics. Another 2 credits are waived if you take the Pharm.D. elective Introduction to Research.
- If you enroll in the MSPS degree in the first or second year of the Pharm.D. program, you can complete both degrees in four years. If you enroll in the third or fourth year of the Pharm.D. program, one additional year is needed to complete the MSPS degree.

More info at pharmacy.mercer.edu/academic-programs/master-of-science-in-pharmaceutical-sciences



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



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

The MSHI is a fully online health informatics degree program showcasing the 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 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 a research career in the pharmaceutical industry or in academia The time required for completion of the program depends on the individual qualifications and interests of the student. Our graduates have gone onto careers at the Food and Drug Administration and the National Institutes of Health.



Advanced Pharmacy Practice Experiences are completed in the fourth year of the Pharm.D. curriculum after you have completed your didactic coursework. You have a multitude of options, from sites in Atlanta, across Georgia and the United States or around the world. The U.S. options are listed as of August 2022, and changing conditions due to COVID-19 may alter them in the future. The international sites are expected to be available again in August 2023.



## A Tradition of Excellence, A Legacy of Caring

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he 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 at academic institutions or for employment in industry, government and other institutions involved in health science research.

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.

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) or a minimum IELTS score of 7.5 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.

A doctoral-level health professions degree is an investment in your future, and we are here to help you navigate the process of planning financially to achieve your educational goals. New Pharm.D. students who apply by the Priority Deadline (p. 27) are considered for scholarships based on their academic, extracurricular and professional backgound. Additional scholarships are awarded through an application process.

#### **Doctor of Pharmacy**

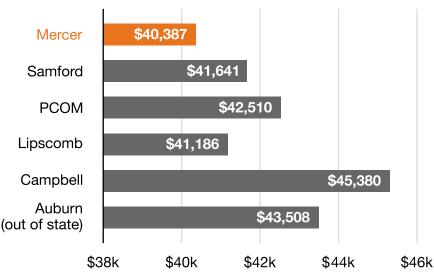
Annual Tuition	\$40,087
Annual Facilities and Technology Fee	\$300
Total Estimated Tuition and Fees for Students	
Entering Pharm.D. Program in August 2022	\$161,548

Please note that the tuition and fees above are for the 2022–2023 academic year and are subject to change each year. There has been a slight increase in tuition each year (in recent years about 3%). Other expenses you should plan include those for books, housing, transportation, etc.

#### **Questions on Financial Aid?**

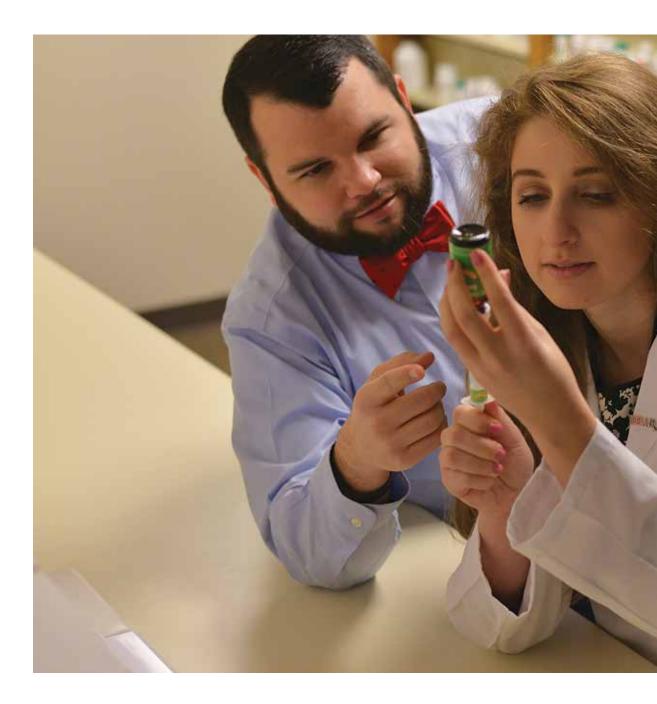
Please reach out to the Student Financial Planning Office at 678.547.6444 or financialaid.mercer.edu

## Mercer Annual Tuition and Fees Cost Compared to Other Schools



# **Student-focused**

Mercer University College of Pharmacy is about you. Our faculty and academic support specialist are here to help you chart your path in pharmacy. Our Professional Development Network groups consist of students and faculty and focus on pharmacy careers and life lessons.





Mercer University College of Pharmacy empowers ourselves and others to cultivate passion to enrich health and improve lives.

**Our Vision** 

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

An application must be submitted through PharmCAS prior to the deadline. All U.S. college transcripts^ and two letters of reference must be submitted to PharmCAS. Letters from college professors, academic 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?

A minimum of 66 semester hours (99 quarter hours) of undergraduate coursework must be completed with grades of C or better at a nationally accredited college or university^ and includes the following prerequisites:

- General Chemistry (two courses with labs)
- Organic Chemistry (two courses with labs)
- 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)\*

All required courses do not need to be completed at time of application but must be completed before enrollment.

^ Applicants completing coursework outside the U.S. must submit a WES course-by-course foreign transcript evaluation report to PharmCAS.

\*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 courses focus on personal, team and career development.

## 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
- 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. A list of them can be found at tinyurl.com/mercerpharmacyscholarships.

Entering students who are eligible for Georgia's HOPE or Zell Miller Scholarships typically are able to use those program funds toward their Pharm.D. degree. Additional questions should be directed to the Financial Planning Office.

## 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



### **Decided to Apply?**

Use PharmCAS.org. It's the place to apply to Mercer and keeps your application materials in one easy-to-access spot.

Application deadline is Nov. 1 for spring admission and June 1 for fall admission. If either date falls on a weekend, the following Monday is the deadline.

### Why should I do Priority Admission?

Applying by the Priority Deadline provides you benefits in the admissions process:

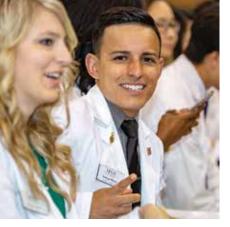
- **Guaranteed interview** Priority applicants with an undergraduate GPA of 3.0 or higher are guaranteed an interview.
- **Reduced stress** Secure your seat in the next class through an expedited process to plan your future sooner.
- Scholarship opportunities You will receive preferential consideration for scholarships for entering students.

Applicants who wish to be considered for priority admission must submit all application materials to PharmCAS by Oct. 1 for spring admission and Feb. 1 for fall admission.



#### Mercer University College of Pharmacy

3001 Mercer University Drive Atlanta, GA 30341 678.547.6232 pharmd@mercer.edu pharmacy.mercer.edu/admissions















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