



CORE COURSES FOR THE MS IN PHARMACEUTICAL SCIENCES

EVALUATION RESEARCH AND PROJECT DESIGN (3 CREDIT HOURS)

This course provides formal instruction on critical components of evaluation research, study design, and data analyses that a Master in Pharmaceutical Sciences with a specialization in health system pharmacy administration graduate will need in the workplace.

OVERVIEW TO HEALTH SYSTEMS (3 CREDIT HOURS)

This course is designed to expose participants to real world issues facing health system pharmacy leaders and to teach participants to work through concepts, processes, and challenges that are and will be faced.

HEALTH-SYSTEM PHARMACY LEADERSHIP (3 CREDIT HOURS)

This course focuses on principles of leadership and strategies used by leaders, with an emphasis in health-system pharmacy. Active learning strategies are used to examine and model leadership principles.

FOUNDATIONAL PRACTICES OF A SUCCESSFUL HEALTH-SYSTEM DEPARTMENT OF PHARMACY (4 CREDIT HOURS)

This course will focus on the Foundational Practices of a Successful Health-System Department of Pharmacy. Topics covered include medication safety, pharmacy informatics, and human resources management.

ADVANCED HOSPITAL PHARMACY OPERATIONS (3 CREDIT HOURS)

This course is intended to build on the basic principles of pharmacy operations learned through coursework and experience as professional students as well as work experience.

FINANCIAL MANAGEMENT OF HEALTH-SYSTEM PHARMACY (3 CREDIT HOURS)

This course provides an overview of the current financial environment in the health care industry and is intended to familiarize students with general accounting principles and financial management skills required to lead and manage pharmacy services in a health care organization.

OVERVIEW OF SEMESTERS FOR MS IN PHARMACEUTICAL SCIENCES

SEMESTER 1	DAY/ TIME	HRS	SEMESTER 2	DAY/ TIME	HRS
PACE 833 Overview to Health Systems	Wed. 3:00-5:50pm	3	PACE 820 Health-System Pharmacy Leadership	Tues. 1:00-3:50 pm	3
PACE 815 Evaluation Research and Project Design	Wed. 12:00-2:50pm	3	PACE 825 Foundational Practices of a Successful Health-System Department of Pharmacy	Tues./Thurs. 4:00-5:50pm	4
PACE 899 Seminar	Fri. 1:00-1:50pm	1	PACE 899 Seminar	Fri. 1:00-1:50pm	1
PACE 991 Research	Varies	2	PACE 991 Research	Varies	1
Total Hours		9	Total Hours		9
SEMESTER 3		HRS	SEMESTER 4		HRS
PACE 860 Advanced Hospital Pharmacy Operations	Mon. 2:00-5:50pm	3	PACE 832 Financial Management of Health-System Pharmacy	Weds. 6:00-8:30pm	3
PACE 899 Seminar	Fri. 1:00-1:50pm	1	PACE 899 Seminar	Fri. 1:00-1:50pm	1
PACE 992 Thesis Substitute	Varies	5	PACE 992 Thesis Substitute	Varies	4
Total Hours		9	Total Hours		8



APPLICATION PROCESS OVERVIEW

Everything detailed below must be completed prior to the deadline for your application to be considered.

The Master of Science Degree in Pharmaceutical Sciences / Two Year Health-System Pharmacy Administration Residency Program is offered in collaboration with multiple different hospitals. While everyone who is accepted into the program will receive their Master of Science Degree from the University of North Carolina at Chapel Hill, the residency component is divided across the multiple medical center sites.

Interested applicants will need to **apply to the University of North Carolina Graduate School** for their didactic component. The applicant will also need to **complete separate applications for each residency program to which they wish to apply**. The individual submitting your letter of recommendation can use the same recommendation letter submitted to WebAdMIT.

Each program will participate in the match, but each one has a different match number. If you have not done so already, please make sure to register for the National Matching Service offered through ASHP.

**Optimal deadline for all materials:
Same date as the residency application (though MS application portal is open later)**

GRADUATE SCHOOL APPLICATION

1. Complete a Graduate School application for admission (*see web link below*)
 - a. Create an online account and fill out the application
 - b. The application information is as follows:
 - i. *Level of Study: **Graduate***
 - ii. *Type of Applicant: **New degree seeking applicant***
 - iii. *Major: **Pharmaceutical Sciences Online***
 - iv. *Degree: **Master of Science***
 - v. *Area of Interest or Specialization: **Health Systems Pharmacy Admin***
 - vi. *Select the term of entry: **Fall 2025***
 - c. Fill out the applicant information
 - d. Fill out educational background
 - e. Upload your **UNOFFICIAL transcripts**—undergraduate and graduate (if matched to a NC program, official transcripts will be sent to the graduate school at that time)
 - f. Upload a Statement of Purpose
 - g. Upload a copy of your CV / Resume
2. Submit the application and pay the non-refundable \$95 application fee
3. Provide three letters of recommendation (May be identical to those provided for the residency program application)
 - a. Provide these through the Recommendations link on the online application under “Important Links”

UNC Graduate School Information

<http://gradschool.unc.edu/>

UNC Graduate School Application

http://gradschool.unc.edu/admissions/applicant_dom.html



TWO-YEAR RESIDENCY PROGRAM APPLICATION

Once you apply to the graduate school, you must also apply to the residencies of your choice separately:

UNC Medical Center



<https://www.uncmedicalcenter.org/uncmc>

Duke University Health System



www.pharmacy.duke.edu/residency-programs

Atrium Health Wake Forest Baptist



<https://www.wakehealth.edu/about-us/training-programs/pharmacy-residency/programs/combined-ms-hospital>

Cone Health



<https://www.conehealth.com/careers-at-cone-health/professional-training/pharmacy-residency/hspal/>

Novant Health



<https://www.novanthealth.org/careers/residency-programs/pharmacy-residency-programs.aspx>

Massachusetts General Hospital



<https://www.massgeneral.org/education/pharmacy-residency>

BayCare Health System



www.baycarepharmacyresidency.com

Hospital of the University of Pennsylvania



<https://www.pennmedicine.org/for-health-care-professionals/fellowship-and-residency-programs/hospital-of-the-university-of-pennsylvania/pharmacy-residency>

University Hospitals



<https://www.uhhospitals.org/medical-education/pharmacy-medical-education/residencies>

Eskenazi Health



<https://www.eskenazihealth.edu/careers/pharmacy/pgy-2-hspal>

New Hanover Regional Medical Center



<https://www.novanthealth.org/medical-education/nhrmc/pharmacy-residency/>

Baptist Health South Florida



<https://academics.baptisthealth.net/residencies-and-fellowships>

Boston Medical Center



<https://www.bmc.org/pharmacy-residency/hspal>



Advocate Health



<https://www.aurorahealthcare.org/education/pharmacy-residency/pgy1-pgy2-combined-administration>

Medical University of South Carolina



<https://muschealth.org/health-professionals/education/pharmacy/our-programs/administration-and-leadership-residency>

University of Kentucky



<https://pharmacy.uky.edu/postgrad-training/uk-healthcare-pharmacy-residency/combined-pgy1pgy2-programs/ukhc-health-system>

UNC Health Rex



<https://www.rexhealth.com/rh/medical-professionals/pharmacy-residency-program/pgy1pgy2ms-health-system-pharmacy-administration-and-leadership/>

Cencora



amerisourcebergen.com/provider-solutions/hospitals-and-health-systems/pharmacy-residency

Children's Hospital at Philadelphia



<https://www.chop.edu/centers-programs/department-pharmacy-services/education-training/pharmacy-practice-residency-program-pgy1>

Geisinger Wyoming Valley Medical Center



<https://www.geisinger.edu/gchs/education/residencies-fellowships/residencies/gvw-pharmacy-residency/program-overview>

Henry Ford Hospital



<https://www.henryford.com/hcp/med-ed/allied/pharmacy/practice>

