

## 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.

### 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.

### 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 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.

### 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.

## OVERVIEW OF SEMESTERS FOR MS IN PHARMACEUTICAL SCIENCES

SEMESTER 1		HRS	SEMESTER 2		HRS
PACE 833 Overview to Health Systems	3	3	PACE 820 Health-System Pharmacy Leadership	3	3
PACE 815 Evaluation Research and Project Design	3	3	PACE 825 Foundational Practices of a Successful Health-System Department of Pharmacy	4	4
PACE 899 Seminar	1	1	PACE 899 Seminar	1	1
PACE 991 Research	3	3	PACE 991 Research	3	3
<b>Total Hours</b>	<b>10</b>	<b>10</b>	<b>Total Hours</b>	<b>11</b>	<b>11</b>
SEMESTER 3		HRS	SEMESTER 4		HRS
PACE 860 Advanced Hospital Pharmacy Operations	3	3	PACE 832 Financial Management of Health-System Pharmacy	3	3
PACE 899 Seminar	1	1	PACE 899 Seminar	1	1
PACE 991 Research	3	3	PACE 991 Research	3	3
<b>Total Hours</b>	<b>7</b>	<b>7</b>	<b>Total Hours</b>	<b>7</b>	<b>7</b>



## APPLICATION PROCESS OVERVIEW

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

The Masters of Science Degree in Pharmaceutical Sciences / Two Year Health-System Pharmacy Administration Residency Program is offered in collaboration with University of North Carolina Hospitals (UNCH), Duke University Health System (DUHS), Wake Forest Baptist Health (WFBH), Mission Hospitals (MH), Moses Cone Health (MC), Massachusetts General Hospital (MGH), and BayCare Health System (BC). While everyone who is accepted into the program will receive their Masters of Science Degree from the University of North Carolina at Chapel Hill, the residency component is divided across 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**.

Individual interview times will be scheduled at times convenient for applicants and institutions. Each applicant and program will communicate to identify the ideal time to conduct the interview. Our hope is to have all of the interviews for an applicant in one consecutive period, with the programs providing transportation if needed.

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.

**Deadline for all materials: Apply no later than January 1**

## 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*
    - iv. *Degree: Master of Science*
    - v. *Area of Interest or Specialization: Practice Advancement and Clinical Education*
    - vi. *Select the term of entry: Fall 2019*
  - 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. GREs are waived for applicants with greater than a 3.0 GPA
  - h. Upload a copy of your CV / Resume
2. Submit the application and pay the non-refundable \$90 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](http://gradschool.unc.edu/admissions/applicant_dom.html)

## TWO-YEAR RESIDENCY PROGRAM APPLICATION

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

**UNC Hospitals**

[www.unchealthcare.org/site/pharmacy\\_residency](http://www.unchealthcare.org/site/pharmacy_residency)

**Duke University Health System**

[www.pharmacy.duke.edu/residency-programs](http://www.pharmacy.duke.edu/residency-programs)

**Wake Forest Baptist Health**

[www.wakehealth.edu/School/Pharmacy/Graduate-Programs/Health-System-Pharmacy-Administration.htm](http://www.wakehealth.edu/School/Pharmacy/Graduate-Programs/Health-System-Pharmacy-Administration.htm)

**Mission Hospitals**

<http://www.mission-health.org/pharmacy-residency-program.php>

**Moses Cone Health**

[www.conehealth.com/healthcare-professionals/pharmacy-residency-program/](http://www.conehealth.com/healthcare-professionals/pharmacy-residency-program/)

**Massachusetts General Hospital**

<https://www.massgeneral.org/education/residency.aspx?id=91&display=overview>

**BayCare Health System**

<https://www.baycare.org/sjh/about-us/pharmacy-residency-program>