

## New York and New Jersey Pharmacy Program Course Requirements

*This an overview and should in NO WAY substitute for personally reviewing the requirements of each school*

Courses At Hunter	Long Island University	Touro University College of Pharmacy <sup>2</sup>	Rutgers University	Albany College of Pharmacy	University at Buffalo (SUNY) <sup>5</sup>	St. John Fisher College <sup>6</sup>
BIOL 100	X	X	X	X	X	X
BIOL 102	X	X	X	X	X	X
BIOL 120	X	X	X		X	Recommended
BIOL 122	X		X		X	Recommended
BIOL 230 (MicroBio)		X		X	X	Recommended
BIOL 300 (BioChem)		X			X	
CHEM 102	X	X	X	X	X	X
CHEM 104	X	X	X	X	X	X
CHEM 106	X	X	X	X	X	X
CHEM 222	X	X	X	X	X	X
CHEM 223	X	X	X	X	X	X
CHEM 224	X	X	X	X	X	X
CHEM 225	X	X	X	X	X	X
PHYS 110	X		X	X	X	X
PHYS 120	X		X	X		X
MTH 150	X	X	X	X	X <sup>3</sup>	X
STAT 213	<sup>1</sup>		X	X	X <sup>4</sup>	X

<sup>1</sup> Students applying to LIU who placed directly into calculus (MTH 150) should consider taking statistics (STAT 213) to make up the credit for pre-calculus.

<sup>2</sup> In order to be accepted to Touro University, College of Pharmacy students must have a Bachelor's degree.

<sup>3</sup> University at Buffalo also requires calculus II (MTH 155).

<sup>4</sup> The statistics requirement for University at Buffalo can also be completed through the psychology department.

<sup>5</sup> University at Buffalo does not accept AP credit for Biology or Chemistry courses.

<sup>6</sup> St. John Fisher College does not accept advanced placement credit science courses. Three Biology courses are required. In addition to General Biology, Anatomy, Physiology and Microbiology are recommended.

*Although St. John's University has a Doctor of Pharmacy program it is not included in the above chart because only students who apply as first time freshman are admitted.*

Each school has additional requirements regarding social sciences, humanities, math, and writing. **This is only an overview of the science pre-requisites. Check the websites of individual programs for a full description of the required coursework.** For all non-science course requirements, please visit each Pharmacy School's website:

Long Island University: <http://www.liu.edu/CWPost/Academics/Schools/SHPN/Dept/Health-Sciences/Undergraduate-Programs/Pre-Pharmacy-Program/Admis-Req>

Touro University College of Pharmacy: <http://tcop.touro.edu/admissions--aid/>

Rutgers University: [http://pharmacy.rutgers.edu/content/applying\\_other\\_colleges](http://pharmacy.rutgers.edu/content/applying_other_colleges)

Albany College of Pharmacy: <http://www.acphs.edu/admissions/graduate-students/apply>

University at Buffalo (SUNY): [http://pharmacy.buffalo.edu/content/dam/pharmacy/pdfs/PharmD\\_Pre-Pharmacy\\_PharmCAS.pdf](http://pharmacy.buffalo.edu/content/dam/pharmacy/pdfs/PharmD_Pre-Pharmacy_PharmCAS.pdf)

St. John Fisher College: <https://www.sjfc.edu/graduate-programs/doctor-of-pharmacy-pharmd/application-process/>

**PLEASE NOTE:** If you are planning on applying to pharmacy programs, you do not need to open a file with the Pre-Health Professions Advising Office. If you are unsure if you want to pursue medical school or pharmacy than you should open a file with the office and start collecting the appropriate evaluations and letters of recommendation. You can do this by going to:

<http://www.hunter.cuny.edu/prehealth/links-resources>.

Students applying to Pharmacy programs do not receive Committee Letters.

Doctor of Pharmacy Programs (Pharm. D) accept students after the completion of *approximately* 2 years of pre-requisites. Pharmacy schools prefer that students complete courses at 4-year institutions with rigorous science curriculums. Many of the pharmacy programs give preference to students who have completed the pre-requisite coursework at the home institution, making admissions for external candidates very competitive. Pharmacy schools like to see students who can handle a heavy course load successfully; the most competitive candidates will have at least a 3.0 GPA and will have been registered for 16-18 credits each semester. While few schools require pharmacy experience prior to application many highly RECOMMEND that applicants gain experience in a Pharmacy.

Most pharmacy schools require that applicants take the Pharmacy College Admissions Test (PCAT).

Remember, the information given in this chart only applies to New York and New Jersey Pharmacy programs but there are many other programs throughout the country.

### **Helpful Websites:**

#### PharmCAS

<http://www.pharmcas.org/index.htm>

#### American Association of Colleges of Pharmacy

<http://www.aacp.org/>

#### Pharmacy College Admissions Test

<http://www.pcatweb.info>