

**HOFSTRA UNIVERSITY**  
**THE PRE-MEDICAL STUDIES BS MAJOR**  
**AN 8-SEMESTER STUDY GRID**

- This is simply an example of what 8 semesters might look like for incoming First-Year students. Shown below are major requirements and university general education requirements. If you declare your major later, or are a Transfer Student, your grid will look considerably different. Your course choices may vary. Note that you will complete your NS Distribution requirements taking degree courses. Advanced biology courses are numbered BIOL 130 and above.
- Up to 6 credits of Distribution courses may be taken during Study Abroad.
- At least 15 semester hours in the major field of study must be taken at Hofstra.

**FIRST YEAR**

Fall	Spring	Summer/January Sessions
BIO 112 – General Biology I	BIO 113 – General Biology II	
CHEM 3A,B	CHEM 4A,B	
WSC 001	WSC 002	
Distribution Course	Distribution Course	

**SECOND YEAR**

Fall	Spring	Summer/January Sessions
BIOL 122 or 123 – Cell Biology or Genetics	BIOL 122 or BIOL 123	
CHEM 135 & 137	BIOL 124 <sup>1</sup> – Biostatistics	
MATH 71	BCHM 162	
Distribution Course	Distribution Course	

**THIRD YEAR Study Abroad Fall/Spring semester or an entire academic year; not restricted to Junior Year.<sup>2</sup>**

Fall	Spring	Summer/January Sessions
BIOL 134 – General Microbiology BIOL, BCHM or CHEM elective course <sup>3</sup>	BIOL 140 – Human Physiology, or BIOL 144 – Animal Physiology BIOL, BCHM or CHEM elective course <sup>3</sup>	
BCHM 163	PHYS 2A,B or 12A,B	
PHYS 1A,B or 11A,B	Distribution Course	

**FOURTH YEAR**

Fall	Spring	Summer/January Sessions
3 s.h. Biology Independent Research or Internship	3 s.h. Biology Independent Research or Internship	

BIOL, BCHM or CHEM elective course <sup>3</sup>	BIOL, BCHM or CHEM elective course <sup>3</sup>	
Distribution Course		

## NOTES

<sup>1</sup> **Biostatistics (BIOL 124)** may be taken as a biology elective; however a second math course is required. BIOL 124 can be switched with an advanced biology elective if Study Abroad spans the entire junior year.

<sup>2</sup> In addition to going on study abroad for either semester in their third year, students can go for the entire academic year in their third year, for a semester in their second or fourth years, or for a short-term program in the summer or during the January break. Also, you may consider taking the 3 credit January Session study abroad program in the Galàpagos Islands and Ecuador (additional tuition and program fees, see more information below).

<sup>3</sup> Choose from list in bulletin text for Pre-Medical Studies Major. Must be enough elective credits to have 45 credits in biology, biochemistry and chemistry courses.

During some semesters, students will need to take more courses than shown on this list because students need 124 credits to graduate (including 45 credits in biology, biochemistry and chemistry courses) This degree has reduced Distribution requirements and no language requirement. Students must maintain a 3.5 GPA overall and in biology, chemistry and biochemistry courses.

**For more information and to meet your faculty, visit our [Department website](#).**

WHAT CAN YOU DO WITH A PRE-MEDICAL STUDIES DEGREE?

[More about Outcomes and Career Potential](#)

You are not required to take Summer or January courses (for which there is no financial aid). You can complete your degree of 124 credits taking five courses every semester because the required physics, chemistry, and calculus courses are 4 credit courses. Note that you can take up to 17 credits per semester without paying additional tuition.

We encourage all Pre-Medical Studies students to participate in [internships, independent research](#), or other forms of experiential learning - including the 3-credit January Session Study Abroad program in the [Galàpagos Islands](#) and Ecuador and [Belize](#).