

HOFSTRA UNIVERSITY

THE URBAN ECOLOGY 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.
- BIOL 124 is a required course, but can be taken in second or fourth years.

FIRST YEAR

Fall	Spring	Summer/January Sessions
BIOL 112 – Animal Form & Function	BIO 113 – Intro Cell Biology & Genetics	
BIOL 142 – Urban Habitats	CHEM 4A,B	
CHEM 3A,B	WSC 002	
WSC 001	Distribution Course (AA, CP, or LT)	
Distribution Course (AA, CP, or LT)		

SECOND YEAR

Fall	Spring	Summer/January Sessions
BIOL 120 – Evolution, Ecology and Behavior BIOL 124 – Biostatistics ²	BIOL 121 – General Physiology BIOL 127 – Laboratory Skills in Ecology and Evolution	
CHEM 185 – Environmental Chemistry	GEOL 005 – Environmental Geology and Natural Hazards	
MATH 50 - Precalculus	TPP 001 – Introduction to Environmental Systems	

THIRD YEAR Study Abroad Fall/Spring semester or an entire academic year; not restricted to Junior Year.¹

Fall	Spring	Summer/January Sessions
BIOL 136 – General Ecology	BIOL 170 - Urban Ecology	
Advanced BIOL elective ³	BIOL 156 – Conservation Biology Advanced BIOL elective ³	
GEOG 106 (BH, CC) – Urbanization in a Developing World	GEOG 060 – Intro to GIS	
TPP 112 – Technology and Human Values	ENGG 110 – Project Management	

FOURTH YEAR

Fall	Spring	Summer/January Sessions
BIOL 196 - Urban Ecology Internship	BIOL 197 - Urban Ecology Internship	
One or Two Advanced BIOL electives ³	One or Two Advanced BIOL electives ³	
PPPS 001 - Public Policy and Public Service	SOC 141 (BH) – Urban and Community Studies	

NOTES

¹In 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).

²**Biostatistics (BIOL 124)** is required. It may be taken in place of a 2nd math course *or* as a biology elective, but not both. BIOL 124 can be switched with an advanced biology elective if Study Abroad spans the entire junior year.

³**Advanced Bio Electives** chosen from BIOL 135, 147, 150, 154, 155, 156, 157, 165, 176.

During some semesters, students will need to take more courses than shown on this list because students need 124 credits to graduate (including 48 credits in biology). This degree has reduced Distribution requirements and no language requirement. Students must maintain a 3.0 GPA overall and in Biology courses.

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

WHAT CAN YOU DO WITH AN URBAN ECOLOGY 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 BIOLOGY 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](#).