

# HOFSTRA UNIVERSITY

## THE URBAN ECOLOGY BA 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
<b>BIOL 112</b> –Animal Form & Function	<b>BIO 113</b> –Intro Cell Biology & Genetics	
<b>BIOL 142</b> – 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
<b>BIOL 120</b> – Evolution, Ecology and Behavior	<b>BIOL 121</b> – General Physiology <b>BIOL 127</b> – Laboratory Skills in Ecology and Evolution	
CHEM 185 – Environmental Chemistry	GEOL 005 – Environmental Geology and Natural Hazards	
Distribution Course (AA, CP, or LT)	TPP 001 – Introduction to Environmental Systems	
Language #1	Language #2	

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

Fall	Spring	Summer/January Sessions
<b>BIOL 136</b> – General Ecology	<b>BIOL 124</b> – Biostatistics <sup>2</sup> <b>BIOL 156</b> – Conservation Biology	
GEOG 106 – Urbanization in a Developing World	GEOG 060 – Intro GIS and Digital Maps	
TPP 112 – Technology and Human Values	ENGG 110 - Project Management	
Language #3	MATH 50 - Precalculus	

#### FOURTH YEAR

Fall	Spring	Summer/January Sessions
<b>BIOL 196</b> - Urban Ecology Internship	<b>BIOL 170</b> - Urban Ecology	
<b>Advanced BIOL elective</b> <sup>3</sup>	<b>Advanced BIOL elective</b> <sup>3</sup>	
PPPS 001 - Public Policy and Public Service	SOC141 (BH) – Urban and Community Studies	

## NOTES

<sup>1</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>2</sup>**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.

<sup>3</sup>**Advanced BIOL 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 39 credits in biology) This degree has reduced Distribution requirements and no language requirement.

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](#).