

# BIOLOGY (MINOR)

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## Program Description

Biology is concerned with the workings of life in all its varied forms. Over the past few decades, the life sciences have been revolutionized by the development of molecular, cellular, genomic, and bioinformatics techniques that are now being utilized to study fundamental processes in organisms as well as applying this information to improve human health, enhance rational management of our environment, develop forensic science, and augment the production of renewable energy with the concomitant sequestering of pollutants, as well as approach ethical and legal issues that impinge on biological discoveries and their applications. The Biology curriculum aims to produce scientists with inquisitive minds who are self-reliant and who seek high quality of information about how the natural world works.

## Program Requirements

### Molecular and Cell Biology Minor

Course	Title	Credits
BIOL-SHU 21	Foundations of Biology I	3
BIOL-SHU 22	Foundations of Biology II	3
BIOL-SHU 123	Foundations of Biology Lab	2
Select one of the following:		4
BIOL-SHU 30	Genetics	
BIOL-SHU 263	Developmental Biology	
Select one of the following:		4
BIOL-UA 37	ATB: Cell Biology	
Another approved class		
<b>Total Credits</b>		<b>16</b>

### Genomics and Bioinformatics Minor

Course	Title	Credits
BIOL-SHU 21	Foundations of Biology I	3
BIOL-SHU 22	Foundations of Biology II	3
BIOL-SHU 123	Foundations of Biology Lab	2
BIOL-SHU 261	Genomics and Bioinformatics	4
Select one of the following:		4
BIOL-SHU 267	Microbiology	
BIOL-GA 1128	Systems Biology	
BIOL-UA 58	Evolution	
<b>Total Credits</b>		<b>16</b>

## Policies

### NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

### NYU Shanghai Policies

Additional academic policies can be found on the NYU Shanghai Academic Policies page (<https://bulletins.nyu.edu/undergraduate/shanghai/academic-policies/>).