Degree Name: B.S. in Biology ; Total Credits Required for Degree: 120; Major Code: 436

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| Semester | Course I | Course II | Course III | Course IV | Course V | Total  Cr.  /Sem. |
| 1 (Fall) | **Biology 10100**  Foundations of Biology I  4 cr. | **FIQWS**  6 cr. | **Math 20500**  Elements Calculus 1  4 cr. | **NSS**  New Student Seminar  0 cr. |  | 14 |
| 2 (Spring) | **Bio 10200**  Foundations of Biology II    4 cr. | **Speech 11100**  **Or Speech Proficiency Test**  3 cr. | **Math 20900**  Elements of Calculus & Statistics  4 cr. | **Perspective Global**  3 cr. |  | 14 |
| 3 (Fall) | **Biology 20600**  Introduction to Genetics  4 cr. | **Chem 10301**  General Chemistry I  4 cr. | **Perspective Artistic**  3 cr. | **Engl 21003**  Writing for the Sciences    3 cr. |  | 14 |
| 4 (Spring) | One of the following:  **Biology 20700**  Organismic Biology  **Biology 22900**  Cell and Molecular Biology  **Biology 22800**  Ecology and Evolution  4 cr. | **Chem 10401**  General Chemistry II  4 cr. | **Perspective Self and Society**  3 cr. | **Perspective Logical/Philosophical**  3 cr. |  | 14 |
| 5 (Fall) | One of the following:  **Biology 20700**  Organismic Biology  **Biology 22900**  Cell and Molecular Biology  **Biology 22800**  Ecology and Evolution  4 cr. | **Phys 20300**  General Physics I    4 cr. | **Chem 26100**  Organic Chemistry I  3 cr. | **Perspective Literary**    3 cr. | **Free Elective**  3 cr. | 17 |
| 6 (Spring) | One of the following:  **Biology 20700**  Organismic Biology  **Biology 22900**  Cell and Molecular Biology  **Biology 22800**  Ecology and Evolution  4 cr | **Biology Elective**  3-4 cr. | **Phys 20400**  General Physics II  4 cr. | **Free Elective or Research**    3 cr. |  | 14-15 |
| 7 (Fall) | **Biology Elective**  3-4 cr. | **Biology Elective**  3-4 cr. | **Free Elective**  3 cr. | **Free Elective or Research**    3 cr. | **Free Elective**  3 cr. | 15-17 |
| 8 (Spring) | **Biology Elective**  3-4 cr. | **Biology Elective or Free elective**  3 cr. | **Free Elective**  3 cr. | **Free Elective**  3 cr. | **Free Elective**  3 cr. | 15-16 |

**ADDITIONAL REQUIREMENTS**

1. For general CCNY and Division of Science (B.S.) requirements, see Undergrad Bulletin or visit Science Advising Center (Dr. Roth's office)

2. A 2.0 GPA in Biology Dept. courses is required to remain in the Major and to graduate.

3. 24 of the 39 required Biology Dept. credits must be taken within the CCNY Biology Department.

4. To enroll in a Biology course, students must pass all Biology course prerequisites with a grade of 'C' or higher.

5. First Math class according to placement exam.