



Yeshiva University

Yeshiva College for Men

500 West 185th Street, New York, NY 10033

Biochemistry Major

Total Credits: 56

| Required Courses | | Credits |
|---|--|----------------|
| CHE 1045, 1046, 1047 | General Chemistry - Lecture and Lab | 8 Credits |
| BIO 1011&1013, 1012&1014 | Principles of Biology - Lecture and Lab | 8 Credits |
| CHE 1213, 1214, 1215 | Organic Chemistry - Lecture and Lab | 8 Credits |
| CHE 1415 or 1416 | Physical Chemistry I or II | 4 Credits |
| MAT 1412 or 1413 | Calculus I or Calculus II | 4 Credits |
| CHE 1376&1377 | Principles of Biochemistry - Lecture and lab | 5 Credits |
| CHE 1378 | Advanced Biochemistry | 3 Credits |
| The following Physics Sequence | | |
| PHY 1031&1033, 1032&1034 | Introductory Physics - Lecture and Lab | 8 Credits |
| Two courses - one each from each of the following groups | | |
| Group A: | | |
| BIO 3207 | Cell Biology - Lecture and Lab | 4 Credits |
| BIO 3230 | Immunology - Lecture and Lab | 4 Credits |
| BIO 3513 | Genetics - Lecture and Lab | 4 Credits |
| BIO 3521 | Molecular Biology - Lecture and Lab | 4 Credits |
| Group B: | | |
| CHE 1379 | Chemistry of Metals in Biology – Lecture and Lab | 4 Credits |
| CHE 1372 | Bioinformatics - Lecture and Lab | 4 credits |