**2019-2020**

**Degree Map:** [**Biology Education 7-12 (BS)**](https://www.york.cuny.edu/produce-and-print/contents/bulletin/school-of-health-and-behavioral-sciences/teacher-education/teaching-certification-in-biology-7-12-bs)

Department of Teacher Education

School of Health Sciences & Professional Programs | York College | CUNY

Room AC-1D12 | (718) 262-2450

The following is a suggested plan of study for completion of this degree program. The goal of a Degree Map is to ensure that students graduate with no more than 120 credits and in four years.

* All students should speak with an academic advisor about their academic programs. This document is not a substitute for academic advisement.
* Students are encouraged to take Winter and Summer courses to facilitate their progress towards graduation.
* Transfer students do not need to take all courses in the plan; they should consult with an academic advisor.

| Course | Credit |  | Credit |
| --- | --- | --- | --- |
| **First Year – Fall** | **16** | **First Year – Spring** | **15** |
| English Composition (EC): English 125 | 3 | English Composition (EC): English 126 | 3 |
| Life & Physical Sciences (LPS): Biology 201 | 4 | Scientific World (SW): Chemistry 108/109 | 5 |
| US Experience in its Experience (USED) course | 3 | Scientific World (SW): Biology 202 | 4 |
| College Option (CO): Health Education 111 | 3 | Creative Expression (CE) course | 3 |
| World Cultures & Global Issues (WCGI) course | 3 |  |  |

| Course | Credit |  | Credit |
| --- | --- | --- | --- |
| **Second Year – Fall** | **16** | **Second Year – Spring** | **15.5** |
| Biology 301 | 4 | Individual & Society (IS) course | 3 |
| Math & Quant Reasoning (MQR): MATH 121\* | 4 | Chemistry 230 | 3.5 |
| Chemistry 111/112 | 5 | Chemistry 235 | 2 |
| Sociology 202 or Philosophy 202 (WI) | 3 | Education 271 | 3 |
|  |  | Education 230 | 2 |
|  |  | Electives | 2 |

| Course | Credit |  | Credit |
| --- | --- | --- | --- |
| **Third Year – Fall** | **15** | **Third Year – Spring** | **16** |
| Education 268 | 3 | Education 340 (WI) | 3 |
| Education 283 | 3 | Education 395 | 3 |
| Education 285 | 3 | Biology 320 | 4.5 |
| Biology 307 | 3 | Biology 334 | 4.5 |
| Physics 140 | 3 |  |  |

| Course | Credit |  | Credit |
| --- | --- | --- | --- |
| **Fourth Year – Fall** | **13.5** | **Fourth Year – Spring** | **13** |
| Biology 403 | 4.5 | Education 405 | 4 |
| Biology 486-489 | 3 | Education 406 | 4 |
| Education 398 | 3 | Electives | 2 |
| College Option (CO): Foreign Language+ | 3 | College Option (CO): Foreign Language+ | 3 |

* York students are required to complete (pass) three (3) Writing intensive (WI) courses: two (2) in the lower division (100-200 level) and one (1) in the upper division (300-level).
* If you transferred to York College with credit for General Education requirements, you must still complete one (1) WI course in the upper division within your major. If your major has no upper division WI course, you must take a WI course chosen in consultation with your major advisor.
* B.A. students must complete 90 credits of liberal arts – See Bulletin.

\*Students who do not place directly into MATH 121 may need to take an additional 4 credits in prerequisites (MATH 120); these credits would replace free elective credits in the four-year plan.

+Foreign Language courses are determined through placement by the World Languages Department, Room 3C08.