**2013 -2014**

**Pathways Four-Year Plan: B.S. in Geology – Biology Track**

**Department of Earth and Physical Sciences**

**School of Arts and Sciences**

**The goal of a Four-Year Plan 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.
* 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.

|  | **Credit** |  | **Credit** |
| --- | --- | --- | --- |
| **FIRST YEAR- FALL** | **14** | **SPRING** | **16** |
| Geology 140\* | 3 | Geology 211 (WI) | 4 |
| English 125+ | 3 | Chemistry 101 | 5 |
| Mathematics 119 and 120 | 5 | Mathematics 111 | 4 |
| US Experience in its Diversity+ | 3 | English 126+ | 3 |
| **SOPHOMORE- FALL** | **15** | **SPRING** | **14** |
| World Cultures & Global Issues + | 3 | Individual & Society | 3 |
| Chemistry 102\* | 5 | Geology 225 | 5 |
| Mathematics 121\*\* | 4 | Open Elective+++ | 3 |
| Creative Expression+ | 3 | Open Elective+++ | 3 |
| **JUNIOR- FALL** | **14-16** | **SPRING** | **14.5** |
| Geology Elective \*\*\* | 2- 4 | Geology 323 | 1.5 |
| Open Elective+++ | 3 | Writing Intensive course++ | 3 |
| Biology 201 | 4 | Geology Elective \*\*\* | 3 |
| Geology 217 | 5 | Biology 202 | 4 |
|  |  | Open Elective+++ | 3 |
| **SUMMER** | **4** |  |  |
| Geology 425 | 4 |  |  |
| **SENIOR- FALL** | **13-15** | **SPRING** | **11-14** |
| Geology 332 | 2 | Geology 334 | 4 |
| Geology Elective \*\*\* | 2 - 4 | Geology Elective \*\*\* | 1 - 4 |
| Open Elective+++ | 3 | Open Elective++ | 3 |
| Open Elective+++ | 3 | Open Elective+++ |  3 |
| Open Elective +++ | 3 |  |  |

**Students who start at York are required to take three Writing Intensive (WI) courses: two in the lower division (100-200 level) and one in the upper division (300-400 level). Transfer students should consult with an advisor about their WI requirements.**

**york.cuny.edu/pathways**

**Total credits needed to graduate 120**

**Notes**

\*Geology 140 and Chem 102 satisfy the Life and Physical Sciences and Scientific World areas of Pathways, respectively.

\*\* Mathematics 121 requires Math 119 and Math 120 or placement of the Math Department after testing. Mathematics 121 satisfies the Math and Quantitative Reasoning area of Pathways.

\*\*\* Majors may choose from any Geology or Environmental Health Science 100-400 level courses to fulfill their elective credit. Courses include the following:

Geol 282, Geol 308, Geol 340, Geol 341, Geol 342, Geol 343, Geol 344, Geol 346, Geol 349, Geol 403, Geol 411, Geol 412, Geol 441, Geol 442, HPEH 140, HPEH 340, HPEH 420, HPEH 426, and HPEH 429.

+ The noted Pathways courses are not required to be taken in the order shown here. English 125 and 126 together satisfy the English Compositional area of Pathways.

++ Any writing intensive course, in addition to one taken in an upper level major course (e.g., Geology 411 or Geology 425), satisfies this requirement.

+++ Open electives are opportunities for students to complete coursework towards a minor (such as Environmental Science) or other professional or personal interests. Students will take at least 9 liberal arts credits.

**B.S. students must complete 60 credits in liberal arts – see Bulletin.**

**For More Information:**

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