**2013-2014**

**Pathways Four-Year Plan: B.S. in Chemistry**

**Department of Chemistry**

**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** | **15** | **SPRING** | **15** |
| Chemistry 108 (also meets Pathways requirements) | 3.5 | Chemistry 111 (also meets Pathways requirements) | 3.5 |
| Chemistry 109 | 1.5 | Chemistry 112 | 1.5 |
| English 125 | 3 | English 126 | 3 |
| Mathematics 121 | 4 | Mathematics 122 | 4 |
| Health Education 111 | 3 | World Cultures & Global Issues course | 3 |
| **SOPHOMORE- FALL** | **14** | **SPRING** | **16** |
| Chemistry 231 | 3 | Chemistry 233 | 3 |
| Chemistry 232 | 2 | Chemistry 234 | 2 |
| Mathematics 221 | 4 | U.S. Diversity in its Experience course | 3 |
| Physics 151 | 5 | Physics 152(also meets Pathways requirements) | 5 |
|  |  | Creative Expression course | 3 |
| **JUNIOR- FALL** | **16** | **SPRING** |  **14** |
| Chemistry 321 | 3 | Chemistry 322 | 3 |
| Chemistry 341 | 3 | Chemistry 342 | 3 |
| Biology 201 | 4 | Biology 202 | 4 |
| Individual & Society course | 3 | General Elective | 4 |
| General Elective | 3 |  |  |
| **SENIOR- FALL** | **15** | **SPRING** | **15** |
| Chemistry 310 | 3 | Chemistry 421 | 3 |
| Chemistry Elective (A) | 3 | General Elective | 3 |
| Foreign Language  | 3 | Foreign Language  | 3 |
| Writing 300 | 3 | General Elective | 3 |
| General Elective | 3 | General 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**

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

**FOR MORE INFORMATION:**

**Department of Chemistry, Academic Core Bldg., Room 3F01, (718) 262-2650**