

# ROSEMONT COLLEGE

## Chemistry Major, Biochemistry Track

(Bachelor of Arts)

2005-2006

Student's Name: \_\_\_\_\_ Advisor's Name: \_\_\_\_\_ Start Date: \_\_\_\_\_

### REQUIRED SUBJECTS (Suggested Course Sequence)

|   | <u>Credits</u> | <u>Date Taken</u> |             |
|---|----------------|-------------------|-------------|
| ___ FND-0100 Foundations of Scientific & Quantitative Reasoning | _____          | _____             | Grade _____ |
| ___ FND-0110 Foundations of Western Culture                     | _____          | _____             | Grade _____ |
| ___ FND-0120 Foundations of World Citizenship                   | _____          | _____             | Grade _____ |
| ___ FND-0130 Foundations of Religious Belief                    | _____          | _____             | Grade _____ |
| ___ FYS-0100 First –Year Connection Seminar                     | _____          | _____             | Grade _____ |

#### Seven Core Requirements Selected in Consultation with Advisor:

|  |       |       |             |
|--|-------|-------|-------------|
| 1 Art/Art History course   | _____ | _____ | Grade _____ |
| 1 English Literature course (any literature taught by the English Faculty)   | _____ | _____ | Grade _____ |
| 1 Foreign Language course (competency in 200 level or higher)<br>(If student chooses new language must take 2-100 level courses) | _____ | _____ | Grade _____ |
| 1 Humanities course (any history, philosophy, or religious studies)  | _____ | _____ | Grade _____ |
| 1 Social Science course (any economics, political science, sociology, or psychology)   | _____ | _____ | Grade _____ |
| WRT-0100 course  | _____ | _____ | Grade _____ |
| 1 Choice among another Natural Science, Business, or Math  | _____ | _____ | Grade _____ |

#### Requirements for Chemistry Major

|  |       |       |             |
|--|-------|-------|-------------|
| ___ BIO-0102 Life Science I (Cell)             | _____ | _____ | Grade _____ |
| ___ BIO-0200 Microbiology                      | _____ | _____ | Grade _____ |
| ___ BIO-0400 Molecular Genetics                | _____ | _____ | Grade _____ |
| ___ BIO-0415 Vertebrate Anatomy and Physiology | _____ | _____ | Grade _____ |
| ___ CHE-0100 General Chemistry                 | _____ | _____ | Grade _____ |
| ___ CHE-0105 Organic Chemistry I               | _____ | _____ | Grade _____ |
| ___ CHE-0200 Organic Chemistry II              | _____ | _____ | Grade _____ |
| ___ CHE-0215 Inorganic Chemistry               | _____ | _____ | Grade _____ |
| ___ CHE-0300 Analytical Chemistry              | _____ | _____ | Grade _____ |
| ___ CHE-0400 Biochemistry I                    | _____ | _____ | Grade _____ |
| ___ CHE-0415 Biochemistry II                   | _____ | _____ | Grade _____ |
| ___ CHE-0425 Coordinating Seminar              | _____ | _____ | Grade _____ |

#### Other Chemistry courses may be taken as electives

|   | <u>Credits</u> | <u>Date Taken</u> |             |
|---|----------------|-------------------|-------------|
| ___ BIO-0103 Life Science II (Organism)   | _____          | _____             | Grade _____ |
| ___ BIO-0220 Genetics                     | _____          | _____             | Grade _____ |
| ___ BIO-0230 Ecology                      | _____          | _____             | Grade _____ |
| ___ BIO-0240 Evolution                    | _____          | _____             | Grade _____ |
| ___ BIO-0305 Vertebrate Embryology        | _____          | _____             | Grade _____ |
| ___ BIO-0335 Immunology                   | _____          | _____             | Grade _____ |
| ___ BIO-0340 Virology                     | _____          | _____             | Grade _____ |
| ___ MAT-0120 Calculus I                   | _____          | _____             | Grade _____ |
| ___ MAT-0121 Calculus II                  | _____          | _____             | Grade _____ |
| ___ PHY General Physics I *               | _____          | _____             | Grade _____ |
| ___ PHY General Physics II *              | _____          | _____             | Grade _____ |
| ___ CHE-0420 Advanced Inorganic Chemistry | _____          | _____             | Grade _____ |

|             |                            |       |       |            |
|-------------|----------------------------|-------|-------|------------|
| ___CHE-0430 | Advanced Organic Chemistry | _____ | _____ | Grade_____ |
| ___CHE-0440 | Research                   | _____ | _____ | Grade_____ |
| ___CHE-0450 | Independent Study          | _____ | _____ | Grade_____ |

\* Physics courses are taken at Villanova University.

One-hundred twenty-eight (128) credits will be required for graduation. A minimum of 32 credits per Academic year are required to graduate in 4 years. A minimum G.P.A. of 2.0 in a student's major will be required for graduation.

Credits Taken to Date: \_\_\_\_\_

Credits Remaining: \_\_\_\_\_

Evaluated by: \_\_\_\_\_

Date: \_\_\_\_\_