

GEORGE MASON UNIVERSITY
COLLEGE OF SCIENCE
B.S. DEGREE IN CHEMISTRY WITH CONCENTRATION IN BIOCHEMISTRY
(343 Science and Tech I, 703-993-1070)
<http://cos.gmu.edu/academics/undergraduate/majors/chemistry>
2009-2010 CATALOG

| | Department(s) & Course #(s) | Completed/ Grade(s) | Needed |
|---------------------------------------------------------------------------|-----------------------------|------------------------|---------|
| <u>GENERAL EDUCATION REQUIREMENTS (*27)</u> | | | |
| a. Composition: ENGL 101 (100), 302 (C or better) (3,3) | | ___ ___ | ___ ___ |
| b. Communication 100 or 101 (please circle choice) (3) | | ___ ___ | ___ ___ |
| c. Quantitative Reasoning (satisfied by completion of major requirements) | | ___ ___ | ___ ___ |
| d. Literature (3) | | ___ ___ | ___ ___ |
| e. Fine Arts (3) | | ___ ___ | ___ ___ |
| f. Social Sciences: | | ___ ___ | ___ ___ |
| Western Civilization (3) | | ___ ___ | ___ ___ |
| Social & Behavioral Science (3) | | ___ ___ | ___ ___ |
| g. Natural Science (satisfied by completion of major requirements) | | ___ ___ | ___ ___ |
| h. Global Understanding (3) | | ___ ___ | ___ ___ |
| i. Information Technology (satisfied by completion of major requirements) | | ___ ___ | ___ ___ |
| j. Synthesis (3) | | ___ ___ | ___ ___ |

Go to: <http://chss.gmu.edu/gened> to link to information on general education requirements.

MAJOR REQUIREMENTS (75-79 hours required)

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|---------|
| a. CHEM 211, 212 (4,4) | | a. ___ ___ | ___ ___ |
| b. CHEM 313, 314 (3,3) | | b. ___ ___ | ___ ___ |
| c. CHEM 315, 318 (2,2) | | c. ___ ___ | ___ ___ |
| d. CHEM 321 (4) | | d. ___ ___ | ___ ___ |
| e. CHEM 331 (3) | | e. ___ ___ | ___ ___ |
| f. CHEM 336 (2) | | f. ___ ___ | ___ ___ |
| g. CHEM 350 (3) | | g. ___ ___ | ___ ___ |
| h. CHEM 446 (3) | | h. ___ ___ | ___ ___ |
| i. CHEM 463 (4) | | i. ___ ___ | ___ ___ |
| j. CHEM 464 (3) | | j. ___ ___ | ___ ___ |
| k. CHEM 465 (2) | | k. ___ ___ | ___ ___ |
| l. BIOL 213 (4) | | l. ___ ___ | ___ ___ |
| m. BIOL 305 (3) | | m. ___ ___ | ___ ___ |
| n. BIOL 306 (1) | | n. ___ ___ | ___ ___ |
| o. MATH 113 (4) | | o. ___ ___ | ___ ___ |
| p. MATH 114 (4) | | p. ___ ___ | ___ ___ |
| q. PHYS 243, 244; 245, 246 (3,1,3,1) | | q. ___ ___ | ___ ___ |
| OR | | | |
| PHYS 160/161(3,1), PHYS 260 (3), PHYS 261 (1), PHYS 262 (3), PHYS 263 (1) | | ___ ___ | ___ ___ |
| r. Nine hours of approved science electives chosen from chemistry or biology courses at the 302-level or above. Courses from other disciplines may be submitted as electives, subject to the approval of the coordinator (list courses)(9) | | | |
| 1. _____ | | ___ ___ | ___ ___ |
| 2. _____ | | ___ ___ | ___ ___ |
| 3. _____ | | ___ ___ | ___ ___ |

A GPA of 2.0 or better is required in all major course work. No more than two courses with a grade of D (1.00) may be applied to the major.

GENERAL ELECTIVES (List courses)

| | | | |
|--|--|---------|---------|
| | | ___ ___ | ___ ___ |
| | | ___ ___ | ___ ___ |
| | | ___ ___ | ___ ___ |

MINIMUM HOURS TO GRADUATE: 120

UPPER DIVISION HOURS (minimum 45):

This planning form is intended to be used in consultation with your academic advisor and reflects the requirements for the 2009-2010 Catalog; the University Catalog is the official reference for program requirements.