

**GEORGE MASON UNIVERSITY
COLLEGE OF SCIENCE
B.S. DEGREE IN CHEMISTRY WITH CONCENTRATION IN CHEMISTRY EDUCATION
(343 Science and Tech I, 703-993-1070)**

<http://cos.gmu.edu/academics/undergraduate/majors/chemistry>

2009-2010 CATALOG

	<u>Department(s) & Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<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 (89-93 hours required)

a. CHEM 211, 212 (4,4)		a. ___ ___	___ ___
b. CHEM 313, 314 (3,3)		b. ___ ___	___ ___
c. CHEM 315 (2)		c. ___ ___	___ ___
d. CHEM 321 (4)		d. ___ ___	___ ___
e. CHEM 331 or 333 (3)		e. ___ ___	___ ___
f. CHEM 350 (3)		f. ___ ___	___ ___
g. CHEM 446 (3)		g. ___ ___	___ ___
h. CHEM 463 (4)		h. ___ ___	___ ___
i. CHEM 470 (3)		i. ___ ___	___ ___
j. CHEM 336 or 465 (2)		j. ___ ___	___ ___
k. One three-credit upper-level CHEM course (list course #) (3)			
CHEM _____		k. ___ ___	___ ___
l. BIOL 103 or 213 (4)		l. ___ ___	___ ___
m. GEOL 101 (4)		m. ___ ___	___ ___
n. MATH 113 (4)		n. ___ ___	___ ___
o. MATH 114 (4)		o. ___ ___	___ ___
p. STAT 250 (3)		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. Twenty-one credits of education courses:			
EDUC 372, 422 (3,3)		___ ___	___ ___
EDCI 473, 483 (3,3)		___ ___	___ ___
EDCI 490, EDRD 419 (3,3)		___ ___	___ ___

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.