

GEORGE MASON UNIVERSITY
VOLGENAU SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING
B.S. DEGREE IN CIVIL AND INFRASTRUCTURE ENGINEERING
(1300 The Engineering Building, 703-993-1675)
<http://www.civil.gmu.edu/programs/undergraduate.html>
2009-2010 CATALOG

	<u>Department(s) & Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<u>GENERAL EDUCATION REQUIREMENTS (21)</u>			
a. Composition: English 101 (100), 302 (C or better) (3,3)		_____	_____
b. Communication 100 (3)		_____	_____
c. Quantitative Reasoning (satisfied by completion of mathematics and basic sciences requirements)		_____	_____
d. Literature (3)		_____	_____
e. Fine Arts (3)*		_____	_____
f. Social Sciences:		_____	_____
Western Civilization (HIST 100, 125, or acceptable transfer course)(3)*	_____	_____	_____
ECON 103 (3)		_____	_____
g. Natural Science (satisfied by completion of mathematics and basic sciences requirements)		_____	_____
h. Global Understanding (3)*		_____	_____
i. Information Technology (satisfied by completion of major requirements)		_____	_____
j. Synthesis (satisfied by completion of major requirements)		_____	_____

*Student must satisfy General Education requirements in two of these three areas: Fine Arts, Global Understanding, and Western Civilization. The two General Education areas to be satisfied must be approved by the CEIE faculty advisor with the goal of best meeting the general education needs of the student.

MATHEMATICS AND BASIC SCIENCES (33 hours required)

a. MATH 113, 114 (4,4)		a. _____	_____
b. MATH 213, 214 (3,3)		b. _____	_____
c. CHEM 251 or CHEM 211 (4)		c. _____	_____
d. PHYS 160, 161 (3,1)		d. _____	_____
e. PHYS 260, 261, 266 (3,1,1)		e. _____	_____
f. STAT 344 (3)		f. _____	_____
g. BIOL 377 (3)		g. _____	_____

ENGINEERING SCIENCES (66 hours required)

a. ENGR 117(3)		a. _____	_____
b. ENGR 107 (2)		b. _____	_____
c. ENGR 183 (3)		c. _____	_____
d. ENGR 210 (3)		d. _____	_____
e. CEIE 230 (3)		e. _____	_____
f. ENGR 310 (3)		f. _____	_____
g. CEIE 290 (3)		g. _____	_____
h. CEIE 301 (3)		h. _____	_____
i. CEIE 311 (3)		i. _____	_____
j. CEIE 360 (3)		j. _____	_____
k. CEIE 305 (3)		k. _____	_____
l. CEIE 340 (3)		l. _____	_____
m. CEIE 355 (3)		m. _____	_____
n. CEIE 370 (3)		n. _____	_____
o. CEIE 400 (3)		o. _____	_____
p. ENGR 401 (1)		p. _____	_____
q. CEIE 490 (3)		q. _____	_____
r. CEIE technical electives (list course numbers) (18)			
1. CEIE _____	2. CEIE _____	_____	_____
3. CEIE _____	4. CEIE _____	_____	_____
5. CEIE _____	6. CEIE _____	_____	_____

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.