

GEORGE MASON UNIVERSITY
THE VOLGENAU SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING
B.S. DEGREE IN COMPUTER ENGINEERING (3100 The Engineering Building, 703-993-1569)
http://ece.gmu.edu/index.php?id=bs_cpe
2009-2010 CATALOG

	<u>Department(s) & Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<u>GENERAL EDUCATION REQUIREMENTS (24)</u>			
a. Composition: English 101 (100), 302 (C or better) (3,3)		___ ___	___ ___
b. Communication 100(3)		___	___
c. Quantitative Reasoning (satisfied by completion of major requirements)		___	___
d. Literature (3)	_____	___	___
e. Fine Arts (3) (See Department for approved courses)	_____	___	___
f. Social Sciences:			
Western Civilization (HIST 100, 125, or acceptable transfer course) (3)	_____	___	___
ECON 103 (3)		___	___
g. Natural Science (satisfied by completion of major requirements)		___	___
h. Global Understanding (3) (See Department for approved courses)	_____	___	___
i. Information Technology (satisfied by completion of major requirements)		___	___
j. Synthesis (satisfied by completion of major requirements)		___	___

MATHEMATICS AND BASIC SCIENCES (34 hours required)

a. MATH 125 (3)		a. _____	_____
b. MATH 113, 114 (4,4)		b. _____	_____
c. MATH 213, 214 (3,3)		c. _____	_____
d. MATH 203 (3)		d. _____	_____
e. STAT 346 (3)		e. _____	_____
f. PHYS 160, 161 (3,1)		f. _____	_____
g. PHYS 260, 261 (3,1)		g. _____	_____
h. PHYS 262 (3)		h. _____	_____

ENGINEERING AND COMPUTER SCIENCES (62 hours required)

a. ENGR 107 (2)		a. _____	_____
b. CS 112, 211 (4,3)		b. _____	_____
c. CS 262 (1)		c. _____	_____
d. CS 367 (3)		d. _____	_____
e. CS 471 (3)		e. _____	_____
f. ECE 201 (3)		f. _____	_____
g. ECE 220, 280 (3,5)		g. _____	_____
h. ECE 331, 332 (3,1)		h. _____	_____
i. ECE 333, 334 (3,1)		i. _____	_____
j. ECE 445 (3)		j. _____	_____
k. ECE 447 (4)		k. _____	_____
l. ECE 448 (4)		l. _____	_____
m. ECE 465 (3)		m. _____	_____
n. Technical Electives (list courses) (9)		n. _____	_____
1. _____ 2. _____		_____	_____
3. _____		_____	_____
o. ECE 491 (1)		o. _____	_____
p. ECE 492, 493 (1,2)		p. _____	_____

CPE students must present a C or better in all ENGR, ECE, and CS courses presented as part of the 120 credit hours for the degree.

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.