

GEORGE MASON UNIVERSITY
SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING
B.S. DEGREE IN SYSTEMS ENGINEERING (2100 The Engineering Building, 703-993-1670)
<http://www.gmu.edu/departments/seor/undergrad.html>
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; natural science section) (3,3)		___ ___	___ ___
b. Communication 100 (3)		___	___
c. Quantitative Reasoning (satisfied by completion of mathematics and basic sciences requirements)			
d. Literature (3) (from approved course list)	_____	_____	_____
e. Fine Arts (3) (from approved course list)	_____	_____	_____
f. Social Sciences:			
Western Civilization (3)	_____	_____	_____
ECON 103 (3)	_____	_____	_____
g. Natural Science (satisfied by completion of mathematics and basic sciences requirements)			
h. Global Understanding (3) (from approved course list)	_____	_____	_____
i. Information Technology (satisfied by completion of major requirements)			
j. Synthesis (satisfied by completion of major requirements)			

MATHEMATICS AND BASIC SCIENCES (35 hours required)

a. MATH 113, 114 (4,4)		a. ___ ___	___ ___
b. MATH 213, 214 (3,3)		b. ___ ___	___ ___
c. MATH 203 (3)		c. ___	___
d. CHEM 251 (4) or CHEM 211 (4)		d. _____	_____
e. PHYS 160, 161 (3,1)		e. ___ ___	___ ___
f. PHYS 260, 261 (3,1)		f. ___ ___	___ ___
g. STAT 344 (3)		g. _____	_____
h. STAT 354 (3)		h. _____	_____

ENGINEERING SCIENCES (61 hours required)

a. CS 112 (4)		a. _____	_____
b. ENGR 107 (2)		b. _____	_____
c. CS 211 (3)		c. _____	_____
d. SYST 101 (3)		d. _____	_____
e. SYST 210 (3)		e. _____	_____
f. SYST 220 (3)		f. _____	_____
g. SYST 221 (1)		g. _____	_____
h. SYST 320 (3)		h. _____	_____
i. SYST 330 (3)		i. _____	_____
j. SYST 335 (3)		j. _____	_____
k. SYST 371 (3)		k. _____	_____
l. SYST 470 (3)		l. _____	_____
m. SYST 473 (3)		m. _____	_____
n. SYST 489 (3)		n. _____	_____
o. SYST 490 (3)		o. _____	_____
p. SYST 495 (3)		p. _____	_____
q. OR 441 (3)		q. _____	_____
r. OR 442 (3)		r. _____	_____
s. Elective Specialization: elective sequences chosen from approved specialization areas (9)			
1. _____		1. _____	_____
2. _____		2. _____	_____
3. _____		3. _____	_____

MINIMUM HOURS TO GRADUATE: 120

UPPER DIVISION HOURS (minimum 45): Satisfied by required courses.

This planning form is intended to be used in consultation with your academic advisor and reflects the requirements for the 2008-2010 Catalog; the University Catalog is the official reference for program requirements.