

GEORGE MASON UNIVERSITY
COLLEGE OF SCIENCE
B.S. DEGREE IN ASTRONOMY (303 Science and Tech I, 703-993-1280)
<http://cos.gmu.edu/academics/undergraduate/majors/astronomy>
2009-2010 CATALOG

	Department(s) & Course #(s)	Completed/ Grade(s)	Needed
GENERAL EDUCATION REQUIREMENTS (*30)			
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 completions 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 completions of major requirements)		___ ___	___ ___
h. Global Understanding (3)		___ ___	___ ___
i. Information Technology (3)		___ ___	___ ___
j. Synthesis (3)		___ ___	___ ___

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

MAJOR REQUIREMENTS (65)

a. ASTR 103 or 113 (3)	a. _____	_____
b. ASTR 328 (3)	b. _____	_____
c. ASTR 402 (3)	c. _____	_____
d. ASTR 403 (3)	d. _____	_____
e. ASTR 404 (3)	e. _____	_____
f. ASTR 428 (3)	f. _____	_____
g. ASTR 490(3)	g. _____	_____
h. PHYS 160(3)	h. _____	_____
i. PHYS 161(1)	i. _____	_____
j. PHYS 260 (3)	j. _____	_____
k. PHYS 261(1)	k. _____	_____
l. PHYS 262(3)	l. _____	_____
m. PHYS 263 (1)	m. _____	_____
n. PHYS 305 (3)	n. _____	_____
o. PHYS 308 (3)	o. _____	_____
p. Seventeen hours of Mathematics as follows:(17)		
1. MATH 113, 114 (4,4)	1. _____	_____
2. MATH 213, 214 (3,3)	2. _____	_____
3. MATH 313 or 314 (3)	3. _____	_____
q. Nine hours from the following (or any pre-approved PHYS, CHEM, BIOL, or MATH courses; at least six hours must be in upper-level courses): ASTR 302, 401, 408, 409, 530, 535; CS 112; MATH 203, 446, 447; PHYS 121, 122, 123, 124, 251, 303, 307, 510, 575 (list courses) (9)		
1. _____	1. _____	_____
2. _____	2. _____	_____
3. _____	3. _____	_____

In meeting the above requirements, students may choose an area of emphasis. Students who wish to complete an emphasis should plan a program of study in consultation with their advisors. Some emphases require more than 9 credits in the last category above. Areas of emphasis: Astrobiology, Computational Astronomy, Graduate School Preparation.

A GPA of 2.0 or better is required in major course work.

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.