

**Bachelor of Science - Mathematical & Computer Sciences**  
**Modeling Analysis & Computation Option (MA)**  
**2001 - 2002 Catalog**

Name : \_\_\_\_\_

Advisor : \_\_\_\_\_

**Institutional Core (48.5 credit hours)**

Course	Semester	Grade	Hours
MACS111	1		4
MACS112	2		4
MACS213	3		4
CHGN121	1		4
CHGN124, 126	2		4
PHGN100	2		4.5
PHGN200	3		4.5
LIHU100	1 or 2		4
EBGN201	3 or 4		3
EPIC151	1 or 2		3
SYGN101	1 or 2		4
SYGN200	5		3
CSM101	1		0.5
PAGN101, 102	1, 2		1
PAGN201, 202	3, 4		1

**Distributed Core (24 credit hours)**

Course	Semester	Grade	Hours
MACS315	4		3
MACS261	3		3
MACS262	4		3
EPIC251	3		3
SYGN201 (or 202)	3 or 4		3
LAIS/EBGN	6		3
LAIS/EBGN	7		3
LAIS/EBGN	8		3

**Option Requirements (32 credit hours)**

Course	Semester	Grade	Hours
MACS306	5		3
MACS323	5		3
MACS332	4		3
MACS333	6		3
MACS358	6		3
MACS370	field		6
MACS401	7		3
MACS407	8		3
MACS440	7		3
MACS461	7		1
MACS462	8		1

**MACS Electives (9 credit hours)**

Course	Semester	Grade	Hours
MACS _____	6		3
MACS _____	7		3
MACS _____	8		3

**Free Electives (12 credit hours)**

Course	Semester	Grade	Hours
	4		3
	5		3
	6		3
	8		3

**Technical Area of Special Interest (12 credit hours)**

Course	Semester	Grade	Hours
	5		3
	6		3
	7		3
	8		3

**Total Credit Hours = 137.5**