

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

# Checklist For the B.S. Degree in Mathematics

## Emphasis in Computational Science

See Dr. Joe Mahafy or Dr. Carmelo Interlando for undergraduate advising

### Preparation For the Major

Math 150	4	_____	MATH 254	3	_____
MATH 151	4	_____	STAT 250	3	_____
MATH 245	3	_____	CS 107	3	_____
MATH 252	4	_____	CS 108	3	_____

### Impaction

The Mathematics major is an impacted program. To be admitted to the Mathematics major, students must meet the following criteria:

- Complete with a grade of C (2.0) or better: Mathematics 150, 151, 245, 252, 254, Computer Science 107, 108, and Statistics 250. These courses cannot be taken for credit/no credit (Cr/NC). The cumulative GPA in Mathematics 245, 252, and 254 must be a C+ (2.3) or better

### Major (Minimum of 39 upper division units)

#### Courses Required for all MATH Majors

MATH 320	3	_____
MATH 330	3	_____
MATH 337	3	_____
MATH 340	3	_____
MATH 524/543	3/3	_____
CS 310	3	_____

#### Elective Courses (21+ units)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Total Elective Units \_\_\_\_\_

At least nine units selected from Computational Science 526, 536, Computer Science 503, 558, Mathematics 336, 525, 532, 537, 541, 542, 543; three units of Mathematics 499 (Senior Project – approved by the applied mathematics adviser); and nine units of electives in computer science, mathematics, or statistics (approved by the Applied Mathematics adviser) excluding Mathematics 302, 303, 312, 313, 342A, 342B, 413, 414, 509.