

LAST NAME:

FIRST NAME:

STUDENT ID NUMBER:

**2005-06
MATHEMATICS MAJOR
COMPUTER INFORMATION SCIENCE
EMPHASIS
(MINIMUM 53 CREDITS)**

INSTRUCTIONS:

- Use this form for tracking progress in your Major Program area. (There is a separate form for tracking your progress with the General Education Requirements.)
- A DEGREE AUDIT IS REQUIRED. Your advisor must send completed copies of the Major Program Evaluation Form and the General Education Evaluation Form to the Registrar's Office:
 - no earlier than the end of your junior year.
 - no later than mid-term of your second-to-last term.
 Not doing so within this timeframe may delay your graduation.

***Reminder: You must complete an Application for the BA degree in the Registrar's Office no later than the second week of the term you intend to graduate.**

I. STUDENT INFORMATION

Name (Printed): _____
 Student ID Number: _____
 Anticipated Graduation (Term/Year): _____
 Local Address: _____

 Local Phone Number: _____
 Date Form Given To Advisor: _____

II. ADVISOR INFORMATION

Name (Printed): _____
 Signature: _____

*I have checked the requirements for the major against the student's transcript and verified all substitutions

NOTE: STUDENTS MUST EARN A MINIMUM GRADE OF "C-" IN ALL PREREQUISITE MATHEMATICS COURSES TO ADVANCE TO THE FOLLOWING COURSE.

III. CORE COURSES (35 CR)

NUMBER	TITLE	GRADE/CREDITS
CIS 190	Computer Science I	/ 3
MATH 161	Calculus I	/ 3
MATH 162	Calculus II	/ 3
MATH 220	Intro Advanced Mathematics	/ 3
MATH 261	Calculus III	/ 3
MATH 262	Calculus IV	/ 3
MATH 300	Intro to Mathematical Modeling	/ 3
MATH 360	Linear Algebra	/ 3
MATH 451	Analysis I	/ 3
MATH 471	Abstract Algebra I	/ 3
MATH 495	Senior Seminar	/ 2
SUB TOTAL		32

Select one of the following second writing courses:

SCI 202	Scientific Writing	/ 3
ENG 302	Technical Writing	/ 3
SUB TOTAL		3
SUB TOTAL		35

IV. EMPHASIS COURSES (35 CR)

NUMBER	TITLE	GRADE/CREDITS
CIS 191	Computer Science II	/ 3
CIS 280	Data Structures	/ 3
CIS 375	Numerical Methods	/ 3
CIS 430	Computer Graphics	/ 3
MATH 213	Probability & Statistics	/ 3
MATH 354	Differential Equations	/ 3
SUB TOTAL		18
MAJOR TOTAL		53

OPTIONAL: THE FOLLOWING COURSES ARE RECOMMENDED TO SUPPORT THIS MAJOR, BUT NOT REQUIRED:

NUMBER	TITLE	GRADE/CREDITS
PHYS 200	General Physics I (with lab)	/ 5
PHYS 201	General Physics II (with lab)	/ 5

(CONTINUED NEXT COLUMN)

V. MINOR (OPTIONAL) MINIMUM 18 CR

TITLE: _____

NUMBER	TITLE	GRADE/CREDITS
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
MINOR TOTAL		_____

VI. SECOND MAJOR (OPTIONAL) MIN. 30 CR

(See other Major Program Evaluation Form)

TITLE: _____

VII. SECOND MINOR (OPTIONAL) MIN. 18 CR

TITLE: _____

NUMBER	TITLE	GRADE/CREDITS
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
_____	_____	/
MINOR TOTAL		_____

ASSESSMENT EXAM COMPLETED: YES NO

40 Upper-Division Credits Required (Min.)
 (300- and 400-Level Courses)
TOTAL _____

120 Total Credits Required (Min.)
TOTAL _____