

LAST NAME:

FIRST NAME:

STUDENT ID NUMBER:

**2006-07  
MATHEMATICS MAJOR  
SECONDARY LICENSURE EMPHASIS  
(MINIMUM 83 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 Graduation 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: \_\_\_\_\_  
 Signature: \_\_\_\_\_

**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 NEXT COURSE.

**III. NUCLEUS 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
SCI 202	Scientific Writing	/ 3
<b>SUB TOTAL</b>		<b>35</b>

**IV. EMPHASIS COURSES (18-22 CR)**

NUMBER	TITLE	GRADE/CREDITS
MATH 213	Probability & Statistics	/ 3
MATH 266	Secondary Math: Adv. Perspective	/ 3
MATH 330	Topics in Geometry	/ 3
MATH 366	Methods of Teaching	/ 3
MATH 370	History of Mathematics	/ 3
<b>SUB TOTAL</b>		<b>15</b>
<b>MAJOR SUB TOTAL</b>		<b>50</b>

*Choose one of the following sequences*

PHYS 170	Principles of Physics I	/ 4
PHYS 171	Principles of Physics II	/ 4
--OR--		
PHYS 200	General Physics I (w/ Calculus)	/ 5
PHYS 201	General Physics II	/ 5
--OR--		
CHEM 111	General Chemistry	/ 3
CHEM 113	General Chemistry	/ 3
<b>MINIMUM SUB TOTAL</b>		<b>6</b>
<b>MIN. MAJOR TOTAL</b>		<b>56</b>

(REQUIREMENTS CONTINUED NEXT COLUMN)

NOTE: YOU MUST COMPLETE ALL EDUCATION REQUIREMENTS, INCLUDING STUDENT TEACHING, TO GRADUATE WITH THIS EMPHASIS

IF YOU CHOOSE NOT TO COMPLETE ALL EDUCATION REQUIREMENTS, YOU MUST SELECT ANOTHER STANDARD OR COMPREHENSIVE EMPHASIS.

ASSESSMENT EXAM COMPLETED:  YES  NO

**V. MINOR (OPTIONAL) MINIMUM 18 CR**

List Courses on Reverse Side of Form

TITLE: \_\_\_\_\_

**VI. SECOND MAJOR (OPTIONAL) MIN. 30 CR**

(See other Major Program Evaluation Form)

TITLE: \_\_\_\_\_

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

120 Total Credits Required (Min.)  
**TOTAL** \_\_\_\_\_

**TEACHER EDUCATION REQUIREMENTS ATTACHED**

**2006-07  
SECONDARY LICENSURE INFORMATION**

**Teacher Education Admissions Requirements:**

- Complete EDUC 000: Education Gateway Course
- Complete EDUC 340: Schooling and the Mind in a Multicultural Society
- Admission Career Counseling
- Fingerprint Check
- Take and Pass the Praxis I test
- Demonstrate Proficiency in Technology Competencies
- Complete Pre-Program Survey
- Candidate must complete all coursework required within the academic major prior to beginning the year of education coursework and complementary internship (or have documented content and education advisor permission).
- A "C-" or better in EDUC 340 and All Coursework required for the Major
- An Overall GPA of 2.75 or greater

**VII. LICENSURE REQUIREMENTS: (27 CREDITS)**

NUMBER	TITLE	GRADE/CREDITS
EDUC 000	Ed Gateway Course, (on campus)	/ 0
EDUC 340	Sch. & Mind in Multicul Society, (on campus)	/ 3
EDUC 480	Curr, Assmt, Tech, Pedag Content, (1wk. August)	/ 3
EDUC 481	Preparing Learning Envir, (internet)	/ 2
EDUC 482	Differentiated Learning, (internet)	/ 3
EDUC 483	Assessment Guides Instruction, (internet)	/ 3
EDUC 484	Technology Integration, (internet)	/ 1
EDUC 485	Standards Based Inst, (internet)	/ 2
EDUC 486	Knowledge of Literacy, (internet)	/ 2
EDUC 487	Knowledge of Math, (internet)	/ 1
EDUC 488	Hist, Legal, & Ethical Role of Sch, (internet)	/ 1
EDUC 489	Secondary Student Teaching:	
	Fall	/ 3
	Spring	/ 3
<b>LICENSURE SUB TOTAL</b>		<b>27</b>
<b>MAJOR TOTAL</b>		<b>83</b>

**OPTIONAL: LINGUISTICALLY DIVERSE EDUCATION COURSES  
ADDS LINGUISTICALLY DIVERSE ENDORSEMENT AGES 5-21 (12 CR)**

**Additional LDE Program Requirements:**

- Demonstrate background knowledge in other languages/cultures (e.g. transcript showing foreign language study, documentation of foreign language competency)
- Participate in various aspects of professional development in the area of English language development (e.g., be member of professional organization such as TESOL)

NUMBER	TITLE	GRADE/CREDITS
	Workshops On-Campus, see advisor for schedule	
EDUC 380	Oral Language Development and Pedagogies (Fall Only, Online)	/
EDUC 381	Literacy Development and Pedagogies (Fall through Spring, Online)	/
EDUC 382	Cross-Cultural Communication, Cultural Practices and Pedagogies (Spring Only, Online)	/

**OPTIONAL LICENSURE SUB TOTAL** \_\_\_\_\_

TEP Advisor signature: \_\_\_\_\_  
(Teacher Education Program Advisor)

Printed name: \_\_\_\_\_