

**MAJOR IN MATHEMATICS**  
**Elementary Teacher Certification**

Catalog year: 2003-2004

Student Name \_\_\_\_\_  
 Student Number \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 Phone \_\_\_\_\_

2.8 GPA in major:\*\*    yes    no  
 Degree:                    BA    BS

**Core Requirements:** Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
MTH 201	5	_____	_____
MTH 202	4	_____	_____
MTH 210	3	_____	_____
MTH 227	3	_____	_____
MTH 310	3	_____	_____
MTH 495*	3	_____	_____

or MTH 496\*

\*Capstone

**Elementary Certification Emphasis:**

Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
MTH 321	3	_____	_____
MTH 322	3	_____	_____
MTH 323	3	_____	_____
MTH 341	3	_____	_____
MTH 345	3	_____	_____

**Cognate Courses** (Two courses are required.)

Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
STA 312	3	_____	_____

And one course from the following:

PHY 220, PHY 230, CS 160, CS 162, ECO 480,  
 GEO 440, GEO 470, STA 314, STA 316, STA 412,  
 SS 300, BIO 355, BIO 375, or CHM 351

To be approved for student teaching, students must have Completed at least 24 semester hours of courses in the Major, including 210, and at least two of 321, 322 and 323.

\*\*Only courses with a MTH or STA designation that are applied to the major should be used in calculating the GPA. School of Education requires a minimum 2.8 GPA overall and in the major and minor.

NOTE: One of the SWS courses must be taken after satisfying ENG 305 requirement.

At least four non-core 300-400 level courses taken at GVSU    Yes    No  
 \_\_\_\_\_    \_\_\_\_\_

**Elementary Teaching Minor**

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
ENG 308	<b>4</b>	_____	_____
MTH 221 and MTH 222 or MTH 223	<b>7/5</b>	_____	_____

One from each of the following areas:

- ART 230 or MUS 350    **4/3**    \_\_\_\_\_
- WRT 219, ENG 309, 310    **3**    \_\_\_\_\_  
or a foreign language course
- PED 305 or CTH 366    **3**    \_\_\_\_\_
- ECO 210 or 211 or    **3**    \_\_\_\_\_  
HST 203, 204, 205 or 206,  
or PLS 102 or SOC 280 or GPY 235
- Lab. Science: The cognate    **5/5**    \_\_\_\_\_  
Course PHY 220/230+ satisfies this requirement

Total credits (20 minimum) \_\_\_\_\_

**Professional Program**

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
ED 200 ++	<b>3</b>	_____	_____
ED 225++	<b>3</b>	_____	_____
ED 205++	<b>3</b>	_____	_____
PSY 301++	<b>3</b>	_____	_____
PSY 325++	<b>3</b>	_____	_____
ED 330/350	<b>6</b>	_____	_____ (min. B-)
ED 310	<b>3</b>	_____	_____
ED 320	<b>3</b>	_____	_____
ED 430 & 480	<b>12</b>	_____	_____ (min. B-)

+Transcript audits may not reflect PHY 220 or PHY 230 as gen ed courses; special designation may be necessary.

++A 2.8 GPA must be earned in these 5 courses, with no grader lower than a C, in order to teacher assist and student teach.