

# **Certification Information**

## **Department of Middle Grades and Secondary Education**

### **Mathematics**

#### **Introduction**

Thanks for your interest in Valdosta State University for obtaining a teaching certificate. Admission requirements into a certification program are a bachelor's degree, an overall GPA of 2.5, and have passed or exempted the Praxis I tests. Exemptions for the Praxis I test are achieved by high scores on the SAT (1000), ACT (43) or GRE (1030).

At the completion of this program you will be eligible to teach mathematics at the 7 – 12 grades levels. There are several courses in this program that are only offered during the day due to field experiences in the public schools. Many classes are offered at night BUT not all of them so this program cannot be completed just through evening classes.

**Certification Evaluation:** A review of all previous course work will be compared with the required courses as listed on the attached pages to determine an individualized certification plan leading to your secondary mathematics certificate. Professional development, relevant work experiences, similar courses, or other activities may be used to satisfy some of the required courses. You are expected to provide all college transcripts and any other documentation needed to verify which course expectations have been met and which courses will be included in your plan. There is a \$35 fee for this plan, which will represent a contract that lists all requirements needed for you to obtain the secondary math certificate. The plan is good for three years.

The writer of your certification plan will also serve as your advisor throughout completion of your program. After you receive the plan, you should review the courses to ensure that you have not completed similar courses or professional development activities. After your plan is finalized then you and your advisor can develop a tentative long-range schedule for completing the required courses.

**Certification Test Requirements:** The secondary mathematics certificate requires successful completion of the two Praxis II tests as listed below:

<b>Test</b>	<b>Test Code</b>
Mathematics Content Knowledge	10061
Mathematics Proofs, Models, and Problems – Part 1	20063

These two tests should be taken as you complete the math content courses listed in your certification plan. Both tests must be passed to complete the requirements for a teaching certificate in secondary mathematics. Registration materials and information about these two tests are available in the Dean's Office or at the Georgia Professional Standards Commission's web site: [www.gapsc.com](http://www.gapsc.com)

**Questions??** Your advisor will be Dr. Ellice Martin at 333-5611 or [epmartin@valdosta.edu](mailto:epmartin@valdosta.edu)

## Secondary Mathematics Certification Course Requirements

Certification Plan for: \_\_\_\_\_ Date \_\_\_\_\_

MATH Courses (hrs)	Schedule	Prere+quisites	Notes	Grades
MATH 2261 Calculus 1	4 Every fall, spring term			
MATH 2262 Calculus 2	4 Every fall, spring term	MATH 2261		
MATH 2263 Calculus 3	4 Every spring term	MATH 2262		
CS 1301 Algorithmic Prob. Sol.	3 Every fall, spring term			
MATH 2150 INTRO LIN. ALG	3 Every spring term			
MATH 3010 HISTORY OF MATH	3 Fall term	MATH 2261		
MATH 3040 SET THEORY	3 Spring term	MATH 2262		
MATH 3190 ALG & GEO for TCHRS	3 Every fall, spring term	MATH 1113		
MATH 3510 FOUND OF GEOMETRY	3 Every fall term	MATH 3040		
MATH 3600 PROB & STATISTICS	3 Every fall, spring term	MATH 2261		
MATH 4081 MOD ALGEBRA 1	3 Every fall, spring term	3040 or 4150		
MATH 4150 LINEAR ALGEBRA	3 Every fall term	2150 or 3040		
MATH 4901 OP. RESEARCH or 4910 MAT MODELS	3 4901 - fall term 4910 - spring			
MATH ELECTIVE Upper level	3			

45 hours total

Note: Courses in physics, engineering or other areas that incorporate mathematics applications may be considered for selected math courses.

### Test Requirements

Praxis I test completed - \_\_\_\_\_

Praxis II test completed - \_\_\_\_\_

<b>Education Classes</b>	<b>Schedule</b>	<b>Prerequisites</b>	<b>Notes</b>	<b>Grades</b>
MSED 2000 3 Survey of Ed.	Each term Day/night			
SPEC 2000 3 Serving Diverse Students	Each term Day/night			
ACED 2400 3 Comp. Technol.	Each term Day/night			
PSYC 3110 3 Ed. Psychology	Each term Day/night			
SEED 3000 3 Issues & Trends in Secondary Ed.	Fall, spring Day/night			
SEED 3010 1 InTech - Sec Ed	Fall, spring			
READ 4550 3 Reading in Content	Each term Day/night			
SEED 4200 3 Methods for Teaching Math	Fall term night	Co-requisite is SEED 4620		
SEED 4620 1 Practicum	Fall term		Not needed if 4200 taken during internship	
SEED 4790 10 student teaching with 2 hour seminar, 4780 <b>OR</b> MSED 4780 12 Internship	Fall and spring	The internship requires a teaching position in mathematics.	Provisional teaching certificate required for 4780 which is done for two semesters.	

35 hours total but the 12 hours of internship can be done on the job  
Courses with field experiences are identified in the Notes column

### **Steps in the Certification Program**

1. Review information in certification packet
2. Resolve questions or concerns regarding certification issues
3. Pay \$35 fee to get certification plan
4. After plan is completed, review with advisor and develop long schedule
5. Apply to VSU as second degree undergraduate student
6. Complete coursework as required in plan
7. Complete Praxis II tests after completion of math courses
8. Seek employment and provisional certification
9. Complete student teaching or internship (requires a teaching job in math)
10. Complete certification application for professional certificate in secondary math