



**College of Education**

# DATA REPORT 2012

*Mathematics with Secondary Education Concentration*

This document contains aggregated candidate data collected at admission, clinical experience, and completion as well as program level on key quantitative variables. The intended uses of these data include identifying areas of strength, areas for improvement, indicators of progress, and as an aid for annual planning.

**UNIVERSITY OF WEST GEORGIA**

8/7/12



# DATA REPORT 2012

## MATHEMATICS WITH SECONDARY EDUCATION CONCENTRATION

### SECTION 1: PROGRAM DATA

#### *List of Assessments, Secondary Education Programs*

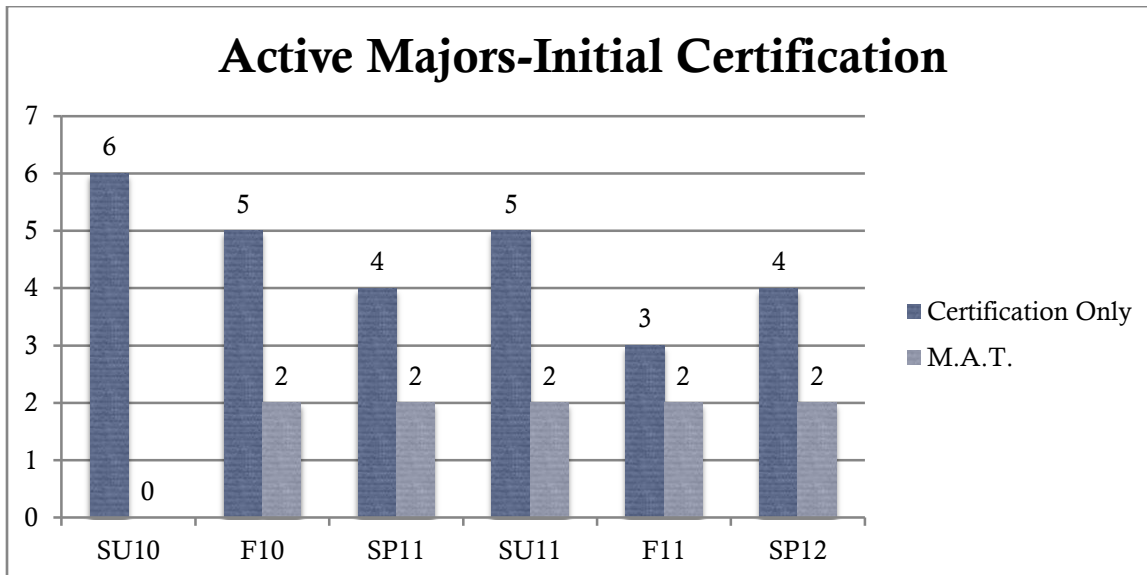
Please review the assessments listed below and submit corrections, additions, or deletions to the Assessment Office by the second Friday in September for fall term assessments.

<u>Certification Only</u>	<u>Bachelor's</u>
GACE Basic Skills	GACE Basic Skills
GPA	GPA
Transcript	Grades in EDUC courses
Unit Plan/Rubric	Transcript
TEFEE; Dispositions Survey/Rubric	Unit Plan/Rubric
Effect on Student Learning	Dispositions Survey/Rubric
Portfolio/Rubric	TEFEE; Dispositions Survey/Rubric
BOR Survey	Effect on Student Learning
GACE II Score Reports	Portfolio/Rubric
	BOR Survey
	GACE II Score Reports

#### *SMART Goals, 2011-2012*

<b>SMART Goals-SEED/MGED Initial Certification</b>	<b>How Assessed?</b>	<b>When?</b>
Revise syllabi for SEED/MGED courses to address identified areas of need related to pedagogy & knowledge (planning for diversity, use of data, impact on students).	TEFEE	All Blocks
Obtain disaggregated data for GACE I & II for specific programs within SEED & MGED. Analyze data for areas of need. Use these identified areas to revise course instruction in methods & curriculum. Share data with content departments.	GACE I & II; Specific course assignments	All Blocks

***Program Productivity Data***



**SECTION II: CANDIDATE DATA**

***Admission GPA 2011-2012 (Transition Point 1)***

Bachelor's	*Not yet available
Certification Only	*Not yet available

***Exit GPA 2011-2012 (Transition Point 4)***

Bachelor's	N/A
Certification Only	N/A

## CLINICAL EXPERIENCES

### Internship Completion Rates

Semester	Number Started	Number Completed	Percent Finished
Fall 2010	6	6	100%
Spring 2011	5	5	100%
Fall 2011	3	3	100%
Spring 2012	5	5	100%

## FOLLOW-UP: GACE CONTENT (TRANSITION POINT 5)

The results reported here are for GACE Content Tests I and II. Results reported are from all takers at The University of West Georgia for the most recent five years.

### PASS RATES

Program Year	TEST 1		# Pass - UWG.	Pass Rate - GA	# Takers - GA	# Pass - GA
	Pass Rate - UWG.	# Takers - UWG.				
2007-2008	48%	21	10	57%	1,072	610
2008-2009	61%	23	14	57%	1,277	728
2009-2010	69%	13	9	60%	1,042	627
2010-2011	79%	19	15	75%	1112	835
Program YTD	80%	10	8	66%	684	452

Program Year	TEST 2		# Pass - UWG.	Pass Rate - State	# Takers - State	# Pass - State
	Pass Rate - UWG.	# Takers - UWG.				
2007-2008	47%	19	9	56%	998	554
2008-2009	60%	20	12	54%	1,232	668
2009-2010	63%	16	10	58%	1,012	592
2010-2011	85%	20	17	75%	1040	785
Program YTD	70%	10	7	69%	655	450

## OBJECTIVES SUMMARY, 2007-YTD ALL TAKERS

Test	Subarea #	Objective Type	Objective Name	# of Takers - UWG	Objective Score - UWG	# of Takers - GA	Objective Score - GA
<b>Test I</b>	1	M/C	Understand number operations and basic principles of number theory.	85	68%	5154	69%
<b>Test I</b>	1	M/C	Understand the real and complex number systems.	85	72%	5154	72%
<b>Test I</b>	2	M/C	Understand algebraic operations and properties of functions and relations.	85	73%	5154	70%
<b>Test I</b>	2	M/C	Understand properties of linear equations and linear systems.	85	79%	5154	73%
<b>Test I</b>	2	M/C	Understand properties of quadratic functions.	85	64%	5154	59%
<b>Test I</b>	3	M/C	Understand principles and applications of calculus.	85	48%	5154	49%
<b>Test I</b>	3	M/C	Understand properties of nonlinear functions.	85	65%	5154	69%
<b>Test I</b>	3	M/C	Understand properties of trigonometric functions and identities.	85	61%	5154	59%
Test	Subarea #	Objective Type	Objective Name	# of Takers - UWG	Objective Score - UWG	# of Takers - GA	Objective Score - GA
<b>Test II</b>	1	M/C	Understand coordinate and transformational geometry.	92	68%	4965	70%
<b>Test II</b>	1	M/C	Understand principles of Euclidean geometry.	92	70%	4964	72%
<b>Test II</b>	1	M/C	Understand the principles of measurement.	92	64%	4964	66%
<b>Test II</b>	2	M/C	Understand methods of collecting, organizing, and describing data.	92	66%	4964	68%
<b>Test II</b>	2	M/C	Understand the process of analyzing and interpreting data to make statistical inferences.	92	61%	4964	60%
<b>Test II</b>	2	M/C	Understand the theory and applications of probability.	92	66%	4964	66%
<b>Test II</b>	3	M/C	Understand how to use a variety of representations to communicate mathematical ideas and concepts and connections between them.	92	56%	4964	58%
<b>Test II</b>	3	M/C	Understand mathematical reasoning, the construction of mathematical arguments, and problem-solving strategies in mathematics and other contexts.	92	61%	4964	56%