



College of Education

DATA REPORT 2011

Secondary Education: Mathematics

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

6/23/11



DATA REPORT 2011

SECONDARY EDUCATION: MATHEMATICS

SECTION 1: PROGRAM DATA

Mathematics: List of Assessments

Content Knowledge (GACE Content Test) (Content Knowledge)

Content Knowledge (Content Knowledge)

Planning (Clinical Practice) (Planning)

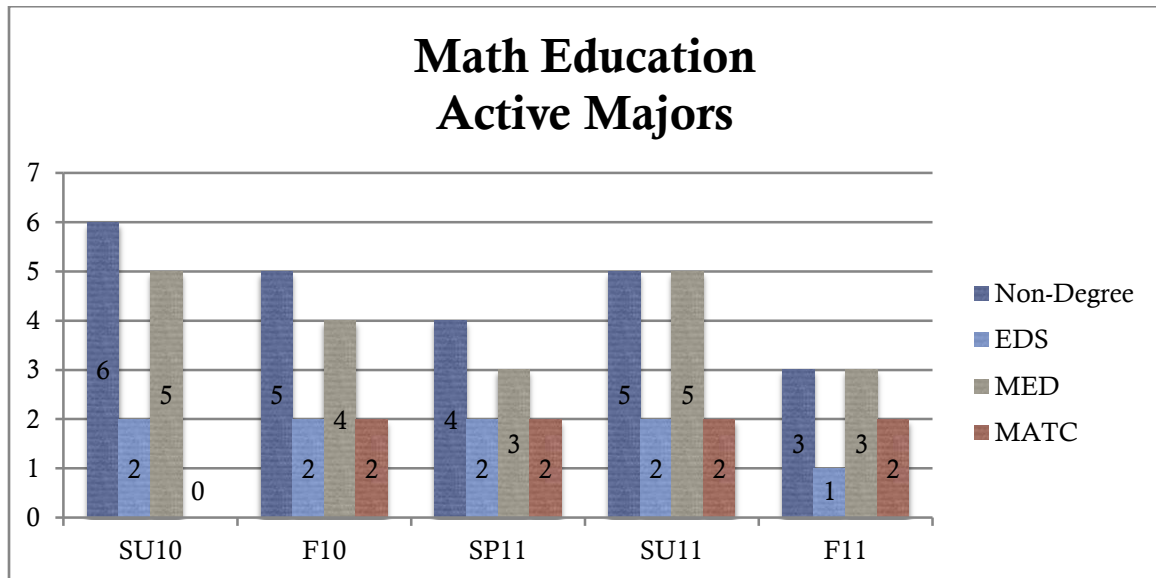
Clinical Practice (Clinical Practice)

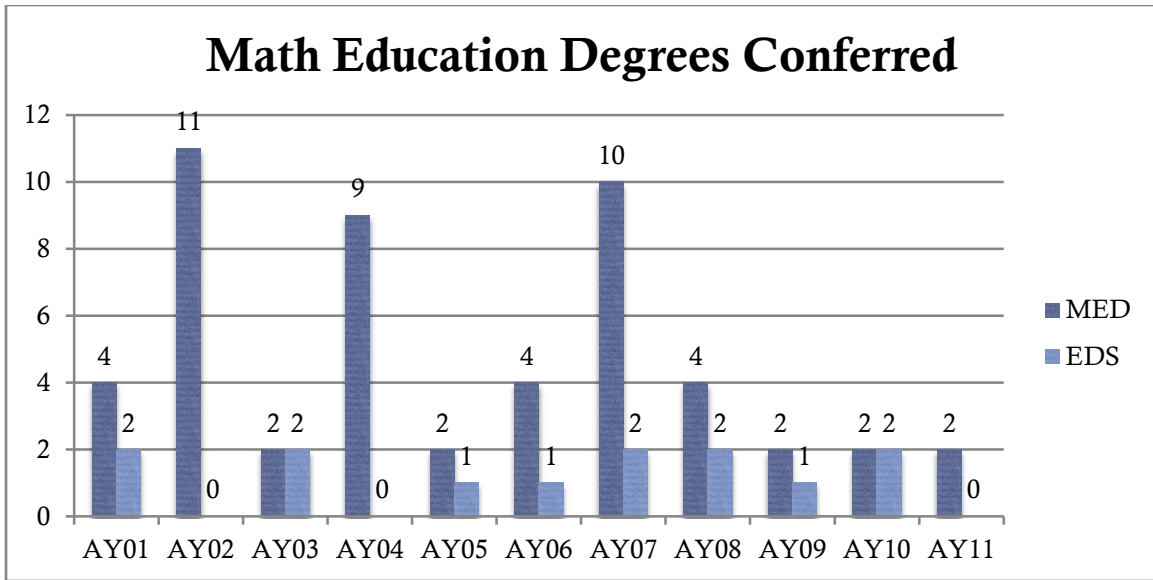
Effects on Student Learning (Effects on Student Learning)

Dispositions (Dispositions)

Program Entry (Institutional Assessment)

Employment (Institutional Assessment)





SECTION II: CANDIDATE DATA

ADMISSION

Entry GPA

Program	2009	2010
Initial Certification	N/A	N/A
Advanced Degree	N/A	N/A

GACE Basic Skills Overview

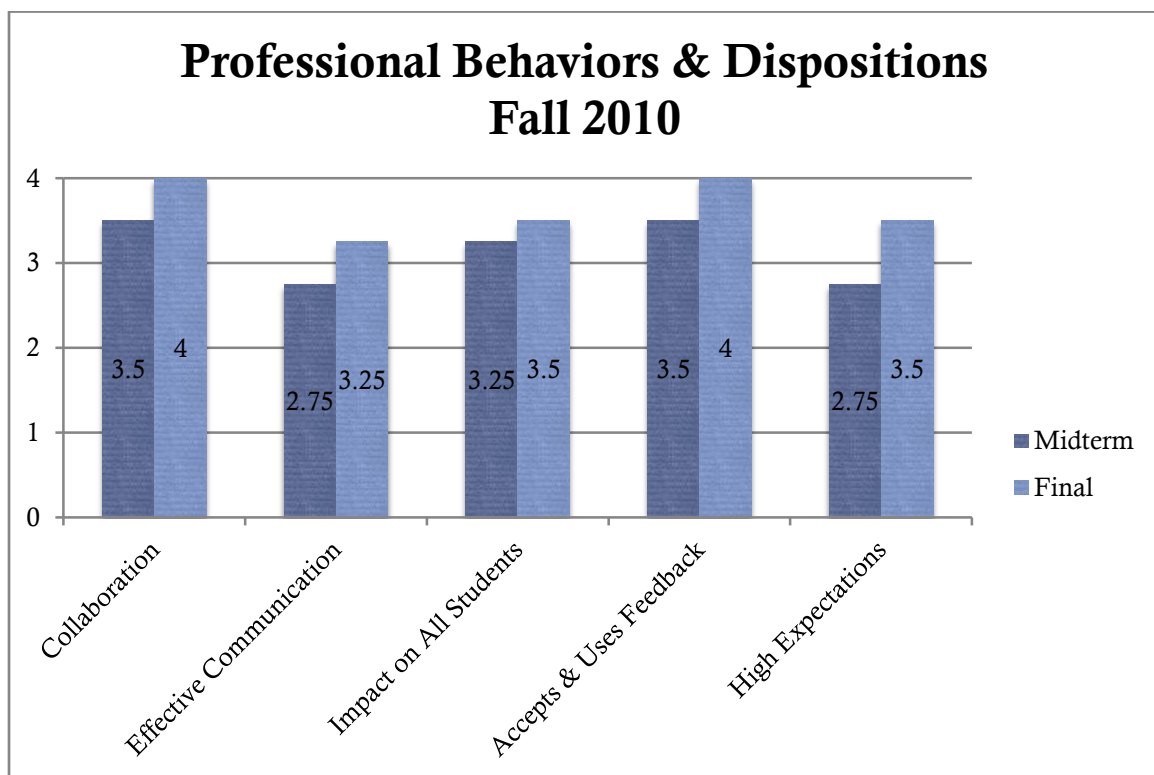
***Results are reported for candidates prior to Teacher Education admission; consequently no disaggregation by program is possible.**

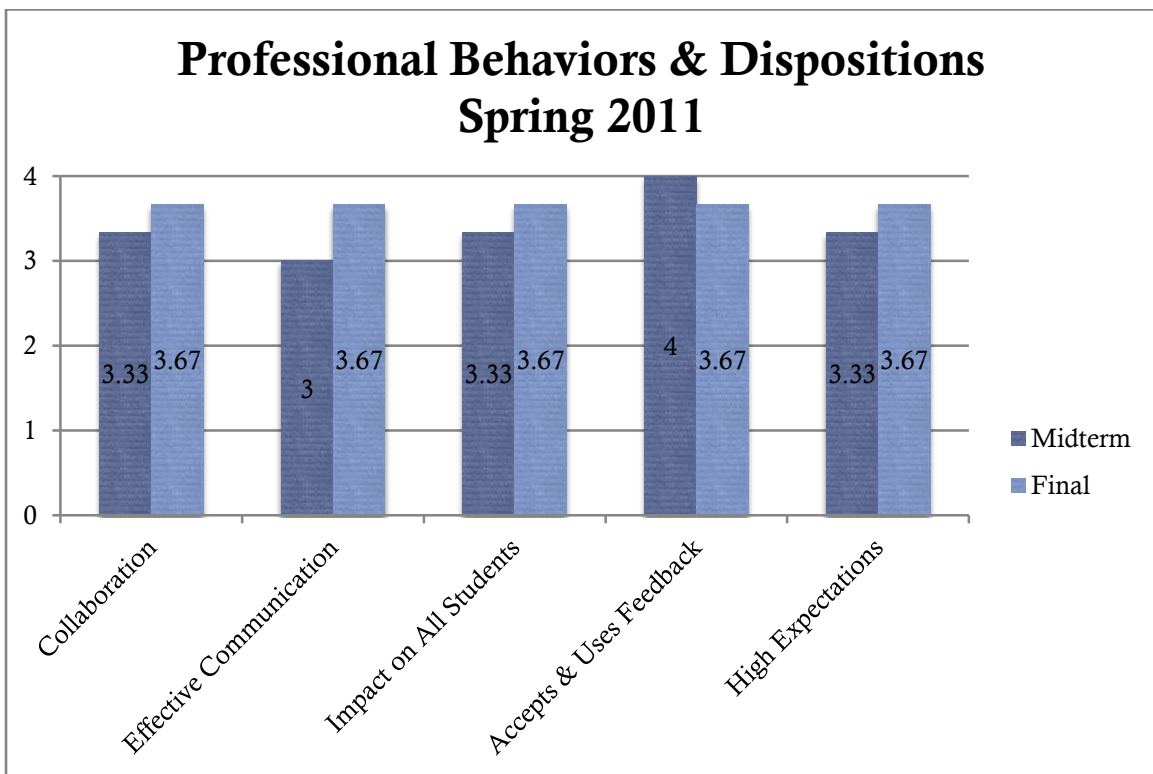
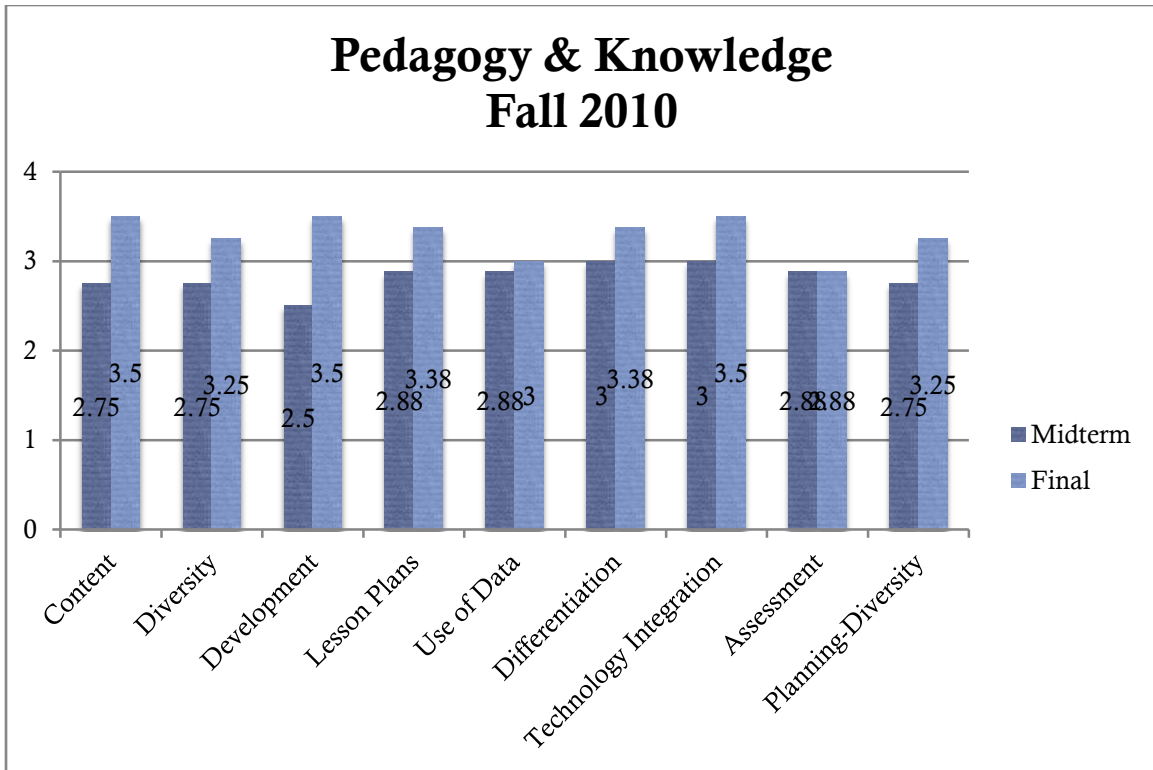
Test	Subarea #	Objective Type	Objective Name	# of Takers - UWG	Objective Score - UWG	# of Takers - GA	Objective Score - GA
Basic Skills-Reading	1	M/C	Analyze the relationship among ideas in written material.	626	71%	6897	72%
Basic Skills-Reading	1	M/C	Determine the meaning of words and phrases.	626	76%	6897	78%
Basic Skills-Reading	1	M/C	Identify a writer's purpose and point of view.	626	75%	6897	74%
Basic Skills-Reading	1	M/C	Understand the main idea and supporting details in written material.	626	74%	6897	74%
Basic Skills-Reading	1	M/C	Use critical reasoning skills to evaluate written material.	626	73%	6897	73%
Basic Skills-Reading	1	M/C	Use reading strategies to comprehend written materials.	626	69%	6897	69%
Basic Skills-Math	1	M/C	Understand measurement concepts and principles of geometry.	628	76%	6861	75%
Basic Skills-Math	1	M/C	Understand number properties and number operations.	628	82%	6861	82%
Basic Skills-Math	1	M/C	Understand problem-solving principles and techniques.	628	81%	6861	81%
Basic Skills-Math	1	M/C	Understand statistical concepts and data analysis and interpretation.	628	77%	6861	77%
Basic Skills-Writing	1	M/C	Recognize effective organization in writing.	630	75%	7002	77%
Basic Skills-Writing	1	M/C	Recognize effective sentences.	630	67%	7002	67%
Basic Skills-Writing	1	M/C	Recognize Standard American English usage.	630	79%	7002	79%
Basic Skills-Writing	1	M/C	Recognize unity, focus, and development in writing.	630	80%	7002	80%

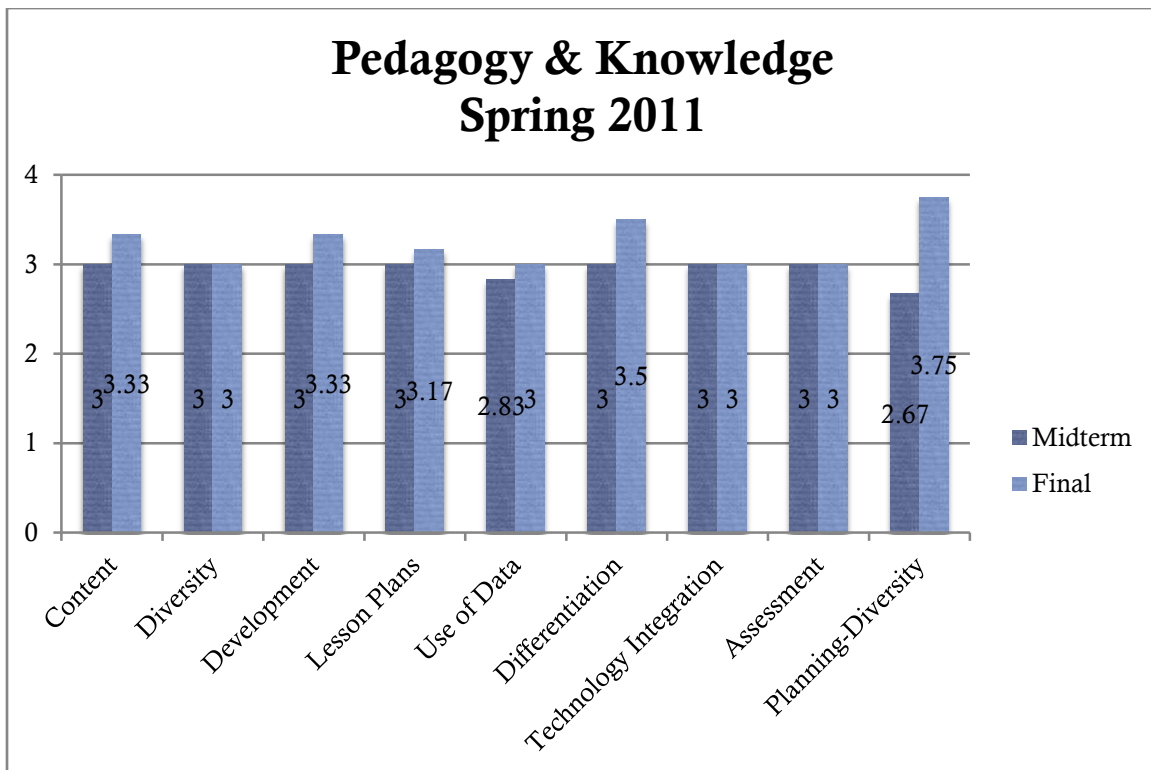
CLINICAL EXPERIENCES

TEFEE Results: Initial Certification

Semester	Required Professional Behaviors	Professional Behaviors & Dispositions	Pedagogy & Knowledge	Management
Fall 2010	3.93	3.50	3.17	3.18
Spring 2011	3.97	3.70	3.42	3.45







EXIT (GACE CONTENT)

The results reported here are for GACE Content Tests I and II. Results reported are from all takers at The University of West Georgia between 2006 and the present.

PASS RATES

Program Year	TEST 1			Pass Rate - GA	# Takers - GA	# Pass - GA
	Pass Rate - UWG.	# Takers - UWG.	# Pass - UWG.			
All Selections	58%	96	56	60%	4,972	2,961
2006-2007	48%	25	12	60%	953	575
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
Program YTD	79%	14	11	67%	628	421

	TEST 2					
Program Year	Pass Rate - UWG.	# Takers - UWG.	# Pass - UWG.	Pass Rate - State	# Takers - State	# Pass - State
All Selections	51%	92	47	56%	4,754	2,661
2006-2007	38%	24	9	50%	913	459
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
Program YTD	54%	13	7	65%	599	388

OBJECTIVES SUMMARY

Test	Subarea #	Objective Type	Objective Name	# of Takers - UWG	Objective Score - UWG	# of Takers - GA	Objective Score - GA
Test I	1	M/C	Understand number operations and basic principles of number theory.	92	66%	4967	68%
Test I	1	M/C	Understand the real and complex number systems.	92	70%	4967	72%
Test I	2	M/C	Understand algebraic operations and properties of functions and relations.	92	70%	4967	71%
Test I	2	M/C	Understand properties of linear equations and linear systems.	92	78%	4967	73%
Test I	2	M/C	Understand properties of quadratic functions.	92	62%	4967	60%
Test I	3	M/C	Understand principles and applications of calculus.	92	45%	4967	48%
Test I	3	M/C	Understand properties of nonlinear functions.	92	60%	4967	68%
Test I	3	M/C	Understand properties of trigonometric functions and identities.	92	58%	4967	59%
Test	Subarea #	Objective Type	Objective Name	# of Takers - UWG	Objective Score - UWG	# of Takers - GA	Objective Score - GA
Test II	1	M/C	Understand coordinate and transformational geometry.	91	69%	4751	69%
Test II	1	M/C	Understand principles of Euclidean geometry.	91	68%	4751	72%
Test II	1	M/C	Understand the principles of measurement.	91	62%	4751	66%
Test II	2	M/C	Understand methods of collecting, organizing, and describing data.	91	64%	4751	67%

Test II	2	M/C	Understand the process of analyzing and interpreting data to make statistical inferences.	91	60%	4751	60%
Test II	2	M/C	Understand the theory and applications of probability.	91	61%	4751	64%
Test II	3	M/C	Understand how to use a variety of representations to communicate mathematical ideas and concepts and connections between them.	91	59%	4751	60%
Test II	3	M/C	Understand mathematical reasoning, the construction of mathematical arguments, and problem-solving strategies in mathematics and other contexts.	91	59%	4751	55%