



College of Education

DATA REPORT 2011

Secondary: Earth/Space Science

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: EARTH/SPACE SCIENCE

SECTION 1: PROGRAM DATA

Earth/Space Science: List of Assessments

State Content Assessment (GACE) (Georgia Content Test)

Content (Content Knowledge)

Planning a Unit of Study (Planning)

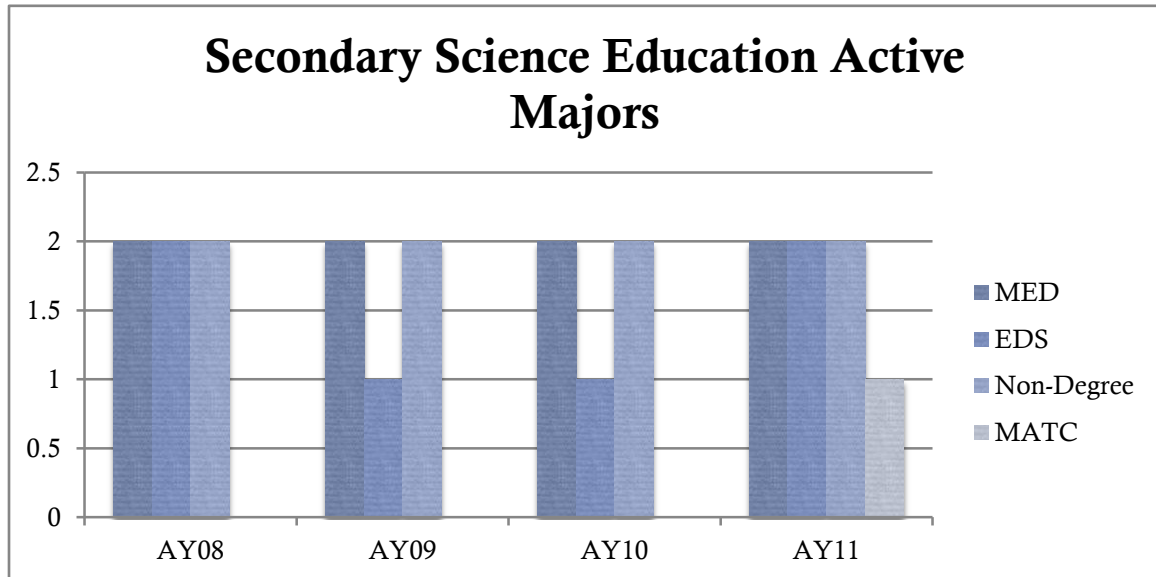
Clinical Practice (TEFEE) (Clinical Practice)

Effects on Student Learning (Effects on Student Learning)

Midpoint/Dispositions (Dispositions)

Institutional Assessment (GACE Basic Skills) (Institutional Assessment)

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	N/A	N/A	N/A	N/A
Spring 2011	N/A	N/A	N/A	N/A

EXIT (GACE CONTENT)

The results reported here are for GACE Content Tests I and II. Results reported are from all takers from 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	72%	36	26	61%	2,368	1,441
2006-2007	75%	12	9	61%	484	297
2007-2008	-	7	Low N	61%	509	309
2008-2009	-	4	Low N	58%	574	331
2009-2010	-	8	Low N	62%	493	306
Program YTD	-	5	Low N	64%	308	198

Program Year	TEST 2			Pass Rate - State	# Takers - State	# Pass - State
	Pass Rate - UWG.	# Takers - UWG.	# Pass - UWG.			
All Selections	63%	35	22	60%	2,293	1,387
2006-2007	75%	12	9	59%	474	279
2007-2008	-	7	Low N	57%	488	279
2008-2009	-	4	Low N	61%	555	340
2009-2010	-	7	Low N	61%	481	292
Program YTD	-	5	Low N	67%	295	197

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 characteristics of the atmosphere and climate and weather.	35	48%	2367	52%
Test I	1	M/C	Understand characteristics of the earth and processes that have shaped its surface.	35	70%	2367	67%
Test I	1	M/C	Understand current scientific views of the universe.	35	44%	2367	47%

Test I			Understand the characteristics and distribution of water and its role in earth processes.				
	1	M/C		35	64%	2367	62%
Test I			Understand the earth's natural resources.				
	1	M/C		35	66%	2367	65%
Test I			Understand the dependence of organisms on one another and understand the flow of energy and matter in ecosystems.				
	2	M/C		35	68%	2367	69%
Test I			Understand the diversity of living organisms and their classification.				
	2	M/C		35	57%	2367	59%
Test I			Understand the principles and processes of the inheritance of biological traits.				
	2	M/C		35	50%	2367	58%
Test I			Understand the structure and function of living systems.				
	2	M/C		35	69%	2367	66%
Test I			Understand the theory of evolution and the role of natural selection.				
	2	M/C		35	76%	2367	67%
Test	Subarea #	Objective Type	Objective Name	# of Takers - UWG	Objective Score - UWG	# of Takers - GA	Objective Score - GA
Test II			Understand changes in matter.				
	1	M/C		34	64%	2293	63%
Test II			Understand electricity and magnetism.				
	1	M/C		34	47%	2293	52%
Test II			Understand principles and concepts related to energy.				
	1	M/C		34	49%	2293	57%
Test II			Understand the nature of matter and its classification.				
	1	M/C		34	65%	2293	67%
Test II			Understand the properties of waves, sound, and light.				
	1	M/C		34	59%	2293	64%
Test II			Understand the relationships among force, mass, and the motion of objects.				
	1	M/C		34	42%	2293	48%
Test II			Understand scientific communication and the skills and procedures for analyzing data.				
	2	M/C		34	71%	2293	70%
Test II			Understand scientific tools, instruments, materials, and safety practices.				
	2	M/C		34	90%	2293	86%
Test II			Understand the characteristics of scientific knowledge and the process of scientific inquiry.				
	2	M/C		34	67%	2293	64%
Test II			Understand the unifying concepts of science and technology.				
	2	M/C		34	66%	2293	67%