



College of Education

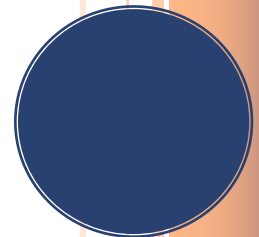
DATA REPORT 2011

Secondary Education: Physics

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: PHYSICS

SECTION 1: PROGRAM DATA

Physics: List of Assessments

State Content Assessment (GACE) (Content Knowledge)

Content Knowledge (Content Knowledge)

Planning a Unit of Study (Planning)

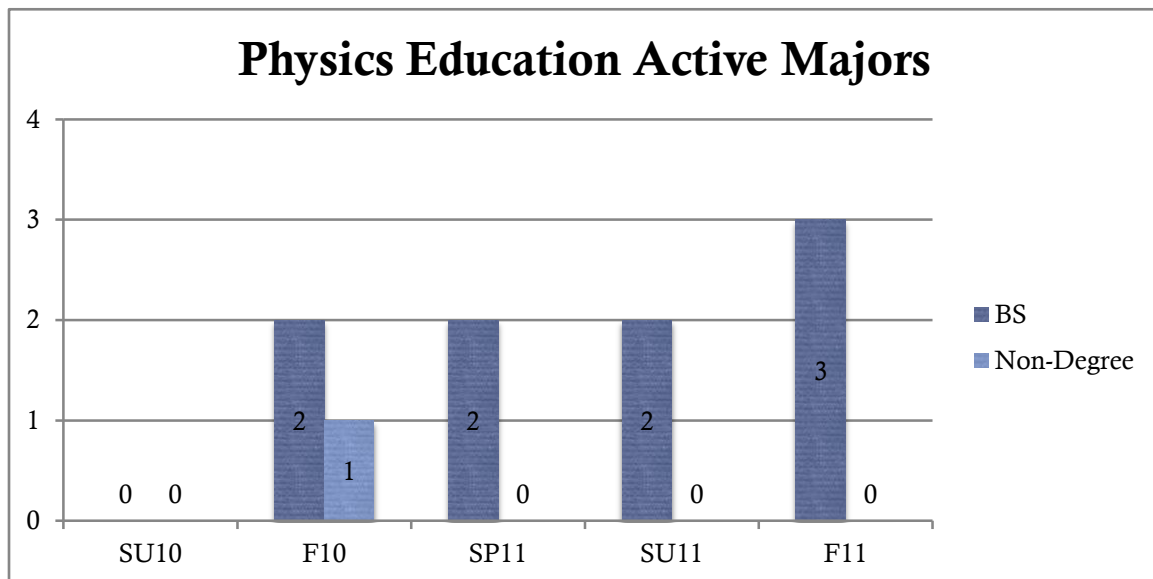
Clinical Practice TEFEE (Clinical Practice)

Effects on Student Learning (Effects on Student Learning)

Midpoint/Dispositions (Dispositions)

GACE Basic Skills (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 all from takers who identified themselves as seniors 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	-	1	Low N	95%	37	35
2006-2007	-	0	Low N	-	4	Low N
2007-2008	-	0	Low N	100%	10	10
2008-2009	-	1	Low N	-	9	Low N
2009-2010	-	0	Low N	-	9	Low N
Program YTD	-	0	Low N	-	5	Low N

Program Year	TEST 2			Pass Rate - State	# Takers - State	# Pass - State
	Pass Rate - UWG.	# Takers - UWG.	# Pass - UWG.			
All Selections	-	1	Low N	100%	36	36
2006-2007	-	0	Low N	-	4	Low N
2007-2008	-	0	Low N	100%	10	10
2008-2009	-	1	Low N	-	9	Low N
2009-2010	-	0	Low N	-	8	Low N
Program YTD	-	0	Low N	-	5	Low N

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 momentum and its conservation.	1	N/A	37	80%
Test I	1	M/C	Understand motion in one and two dimensions.	1	N/A	37	70%
Test I	1	M/C	Understand Newton's laws of motion and the universal law of gravitation.	1	N/A	37	81%
Test I	1	M/C	Understand the conservation of energy.	1	N/A	37	68%
Test I	2	M/C	Understand characteristics of mechanical waves.	1	N/A	37	58%
Test I	2	M/C	Understand the fundamental principles of light and optics.	1	N/A	37	78%
Test I	2	M/C	Understand the principles of thermodynamics.	1	N/A	37	70%
Test	Subarea #	Objective Type	Objective Name	# of Takers - UWG	Objective Score - UWG	# of Takers - GA	Objective Score - GA
Test II	1	M/C	Understand electric charge and interactions between charged objects.	1	N/A	36	72%
Test II	1	M/C	Understand magnets, magnetic fields, and electromagnetic induction.	1	N/A	36	71%
Test II	1	M/C	Understand properties of electric circuits.	1	N/A	36	72%
Test II	1	M/C	Understand the basic processes of atomic and nuclear physics.	1	N/A	36	75%
Test II	2	M/C	Understand the characteristics of scientific knowledge and the process of scientific inquiry.	1	N/A	36	77%
Test II	2	M/C	Understand the collection, analysis, and communication of scientific data.	1	N/A	36	91%