



College of Education

DATA REPORT 2011

Secondary Education: Biology

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



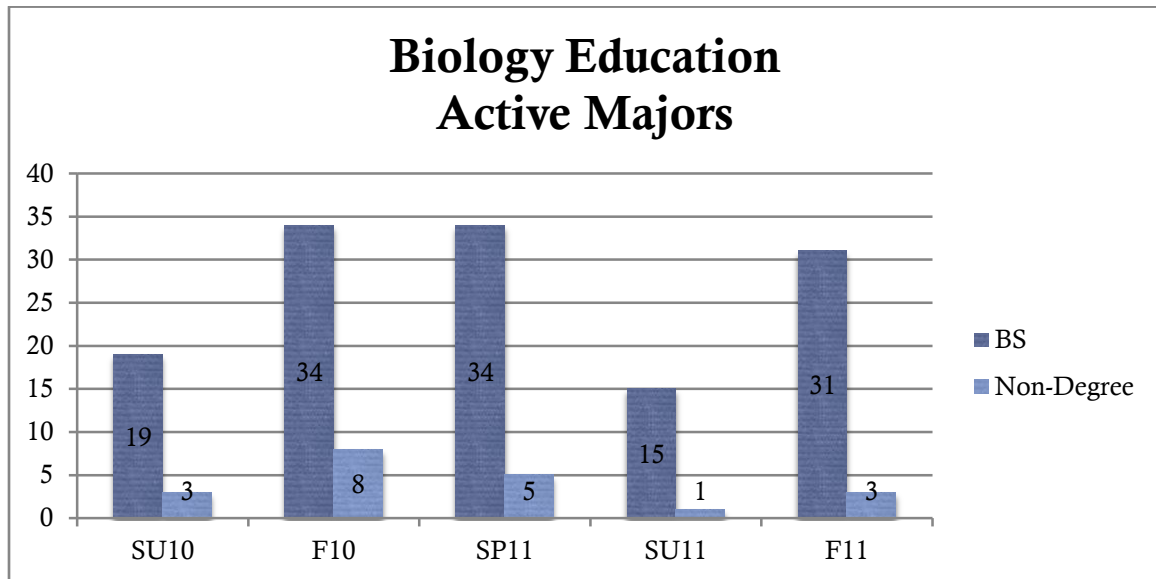
DATA REPORT 2011

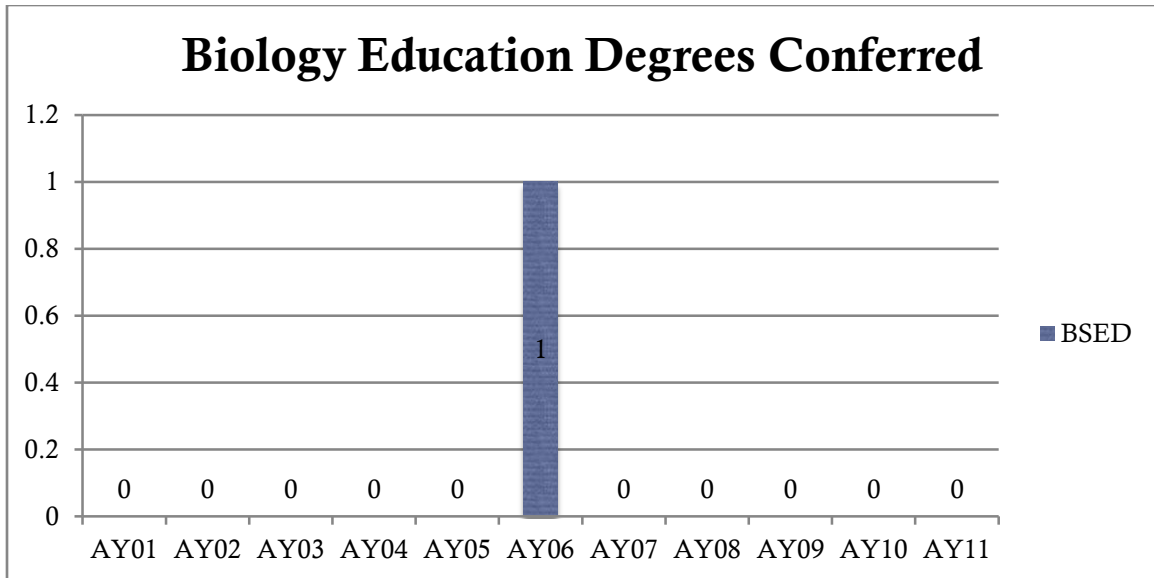
SECONDARY EDUCATION: BIOLOGY

SECTION 1: PROGRAM DATA

Biology (Initial Certification): List of Assessments

Content
Planning a Unit of Study
Clinical Practice TEFEE
Evidence of Student Learning
Midpoint/Dispositions Paper
GACE Basic Skills
Institutional Assessment-Employment





SECTION II: CANDIDATE DATA

ADMISSION

Mean GPA	Spring 2009	Fall 2009
Biology	N/A	N/A

GACE Basic Skills Overview

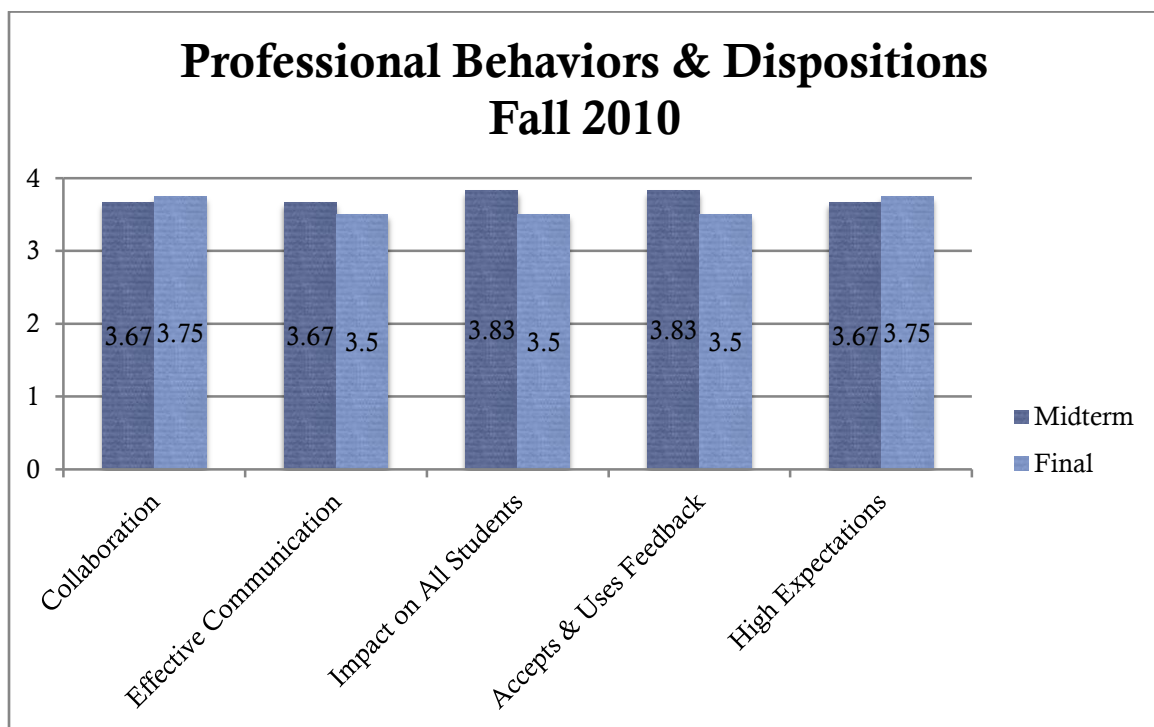
***Results are reported for candidates prior to Teacher Education admission; consequently no disaggregation by program is possible.**

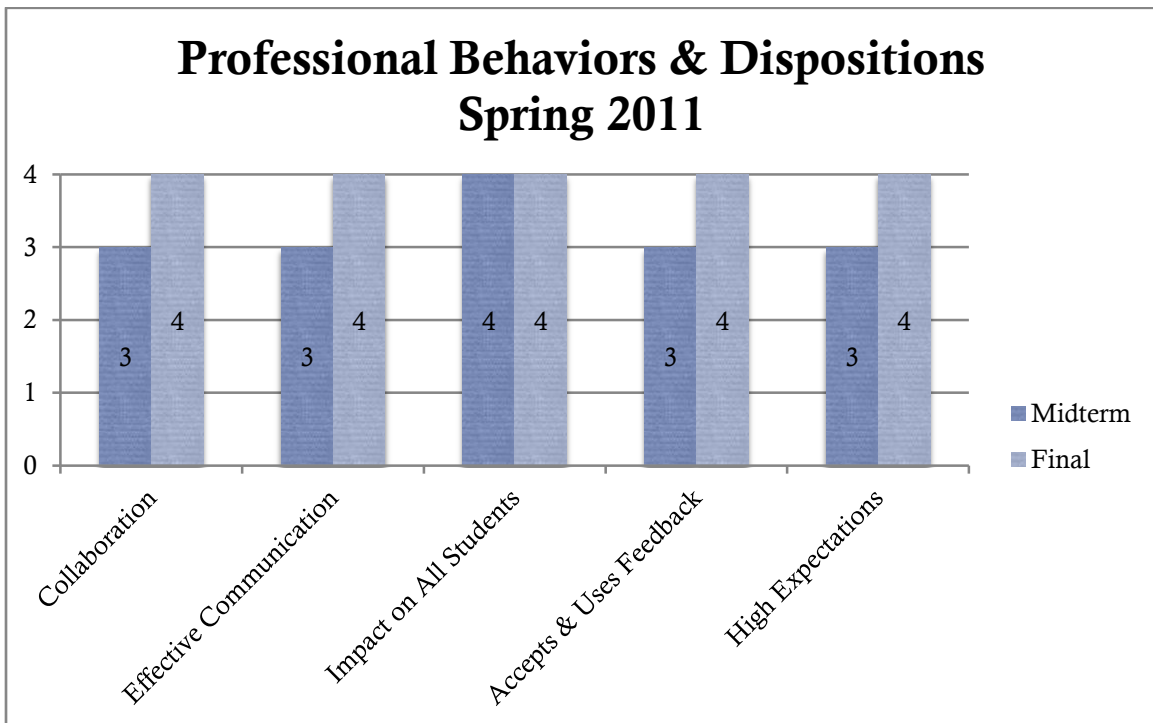
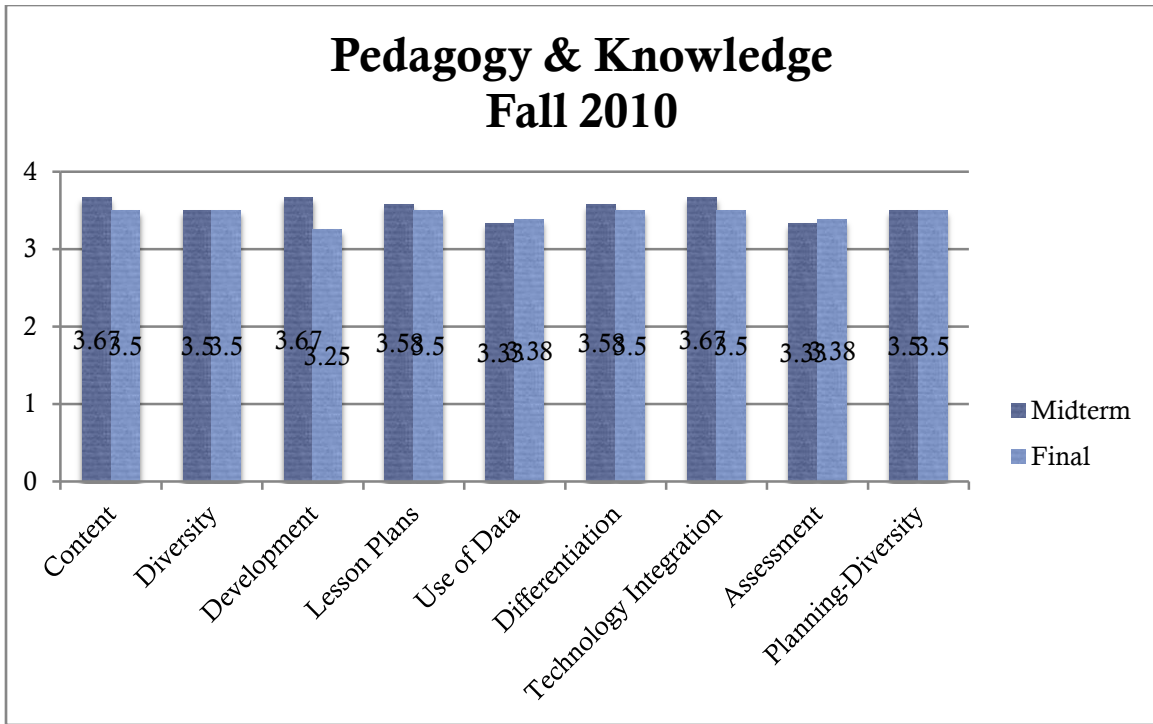
Test	Subarea #	Objective Type	Objective Name	# of Takers - UWG	Objective Score - UWG	# of Takers - GA	Objective Score - GA
Basic Skills-Reading	1	M/C	Analyze the relationship among ideas in written material.	626	71%	6897	72%
Basic Skills-Reading	1	M/C	Determine the meaning of words and phrases.	626	76%	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%

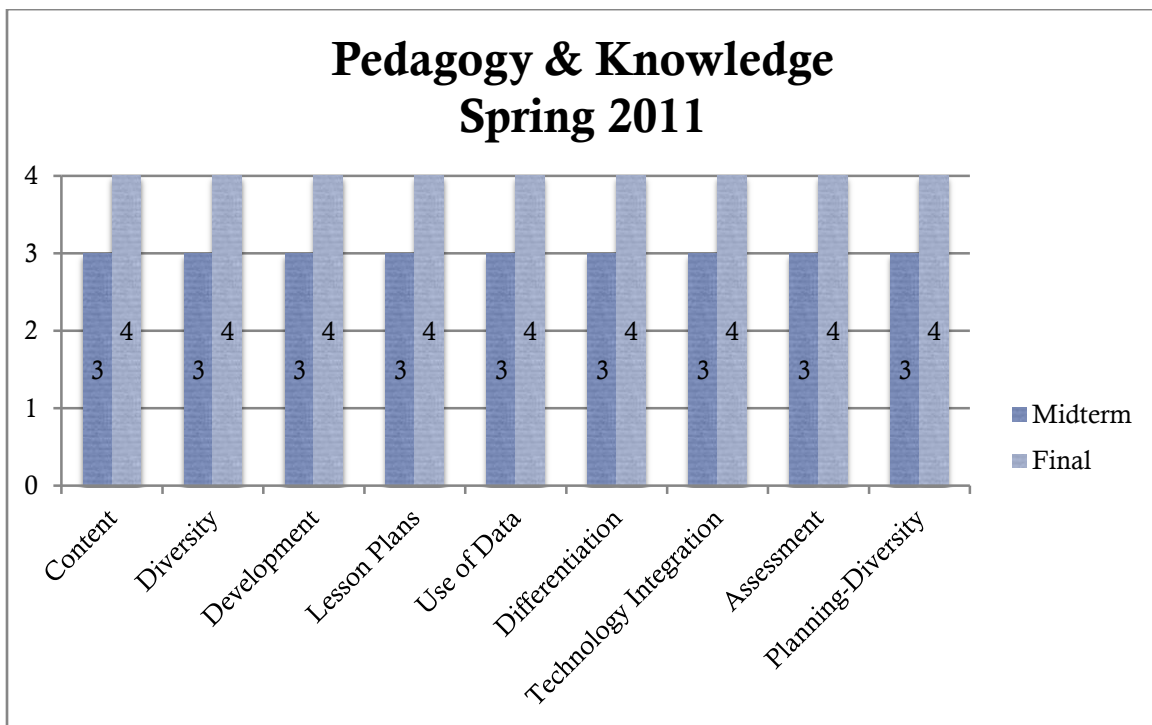
CLINICAL EXPERIENCES

TEFEE Results: Initial Certification

Semester	Required Professional Behaviors	Professional Behaviors & Dispositions	Pedagogy & Knowledge	Management
Fall 2010	3.80	3.68	3.48	3.29
Spring 2011	3.92	3.60	3.50	3.50







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	53%	15	8	74%	281	209
2006-2007	-	2	Low N	84%	55	46
2007-2008	-	0	Low N	72%	54	39
2008-2009	-	4	Low N	64%	67	43
2009-2010	-	3	Low N	75%	55	41
Program YTD	-	6	Low N	80%	50	40

	TEST 2					
Program Year	Pass Rate - UWG.	# Takers - UWG.	# Pass - UWG.	Pass Rate - State	# Takers - State	# Pass - State
All Selections	69%	13	9	79%	273	217
2006-2007	-	2	Low N	81%	57	46
2007-2008	-	0	Low N	82%	50	41
2008-2009	-	4	Low N	67%	64	43
2009-2010	-	2	Low N	83%	53	44
Program YTD	-	5	Low N	88%	49	43

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 cell structure and function.	14	69%	269	74%
Test I	1	M/C	Understand the basic chemical components and reactions of cells.	14	77%	269	73%
Test I	1	M/C	Understand the physiological processes of cells.	14	73%	269	70%
Test I	1	M/C	Understand the processes of cell division, growth, and differentiation.	14	72%	269	75%
Test I	2	M/C	Understand principles of taxonomy and classification in biology.	14	72%	269	65%
Test I	2	M/C	Understand the molecular basis of genetics and genetic engineering.	14	56%	269	61%
Test I	2	M/C	Understand the principles of heredity.	14	69%	269	81%
Test I	2	M/C	Understand the theory, evidence, and mechanisms of evolution.	14	56%	269	67%
Test	Subarea #	Objective Type	Objective Name	# of Takers - UWG	Objective Score - UWG	# of Takers - GA	Objective Score - GA
Test II	1	M/C	Understand how organisms obtain, store, and use matter and energy.	13	53%	260	52%
Test II	1	M/C	Understand reproduction, development, and life cycles of living organisms.	13	70%	260	65%
Test II	1	M/C	Understand the structure and function of the human body.	13	68%	260	75%

Test II	1	M/C	Understand the structures, organization, and functions of systems in organisms.	13	78%	260	76%
Test II	2	M/C	Understand populations and communities.	13	71%	260	78%
Test II	2	M/C	Understand the flow of matter and energy through ecosystems.	13	66%	260	67%
Test II	2	M/C	Understand types and characteristics of ecosystems and biomes and factors affecting their change over time.	13	68%	260	74%
Test II	3	M/C	Understand scientific tools, instruments, materials, and safety practices.	13	63%	260	71%
Test II	3	M/C	Understand the characteristics of scientific knowledge and the process of scientific inquiry.	13	76%	260	81%
Test II	3	M/C	Understand the skills and procedures for analyzing and communicating scientific data.	13	69%	260	77%