## Biology Assessment #6 Fall 2011

		4	3	2	1		
Learning Goal	Description	Exceeds Dept. Goal (Excellent)	Meets Dept. Goal (Good)	Approaches Dept. Goal (Acceptable)	Below Dept. Goal (Unacceptable)	Ν	Average Score
1	Be prepared for Teaching biology in the secondary education setting	> 90% achievement on the teacher certification exam	86 – 90% achievement on the teacher certification exam	80 – 85% achievement on the teacher certification exam	<80% achievement on the teacher certification exam	193	2.77
2	Demonstrate comprehensive, specialized knowledge in the various sub-disciplines of the biological sciences	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	332	1.63
3	Understand and apply scientific reasoning and logical thinking in the biological sciences	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	No Data Available	No Data Available
4	Develop expertise in science process skills, inquiry, and investigative methodologies (research, technical, analytical, problem- solving, And evaluative skills) in the biological sciences	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	193	3.16
5	Communicate And critically evaluate information in oral and written forms	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	193	2.49

Data from Biol 1480 class Fall 2011 Semester

		4	3	2	1		
Learning		4 Exceeds	Meets	Approaches	Below	Ν	Average
Goal	Description	Dept. Goal	Dept. Goal	Dept. Goal	Dept. Goal	19	Score
		(Excellent)	(Good)	(Acceptable)	(Unacceptable)		Scole
	Be prepared for	> 90%	86 - 90%	80 - 85%	<80%		
1	Teaching	achievement	achievement	achievement	achievement	848	2.59
	biology in the	on the	on the	on the	on the teacher	0.0	2.07
	secondary	teacher	teacher	teacher	certification		
	education	certification	certification	certification	exam		
	setting	exam	exam	exam			
	Demonstrate	> 90%	86-90%	80-85%	<80%		
	comprehensive,	achievement	achievement	achievement	achievement	1130	2.37
	specialized						
2	knowledge in						
2	the various sub-						
	disciplines of						
	the biological						
	sciences	0.000/			0.00/		
	Understand and	> 90%	86-90%	80-85%	<80%	176	0.00
	apply scientific	achievement	achievement	achievement	achievement	176	2.32
3	reasoning and logical thinking						
	in the biological						
	sciences						
	Develop	> 90%	86-90%	80-85%	<80%		
	expertise in	achievement	achievement	achievement	achievement	891	2.74
	science process						
	skills, inquiry,						
	and						
	investigative						
	methodologies						
4	(research,						
4	technical,						
	analytical,						
	problem-						
	solving,						
	And evaluative skills) in						
	the biological						
	sciences						
5	Communicate	> 90%	86-90%	80-85%	<80%		
	And critically	achievement	achievement	achievement	achievement	95	2.76
	evaluate						
	information in						
	oral and written						
	forms						

## Biology Assessment #6 Spring 2012

Data from Biol 1480 class Spring 2012 Semester

## Biology Assessment #6 Fall 2012

		4	3	2	1		
Learning		Exceeds	Meets	Approaches	Below	Ν	Average
Goal	Description	Dept. Goal	Dept. Goal	Dept. Goal	Dept. Goal	1,	Score
		(Excellent)	(Good)	(Acceptable)	(Unacceptable)		~~~~
1	Be prepared for	> 90%	86 - 90%	80 - 85%	<80%		
	Teaching	achievement	achievement	achievement	achievement	183	3.12
	biology in the	on the	on the	on the	on the teacher		
	secondary	teacher	teacher	teacher	certification		
	education	certification	certification	certification	exam		
	setting	exam	exam	exam			
	Demonstrate	> 90%	86-90%	80-85%	<80%		
	comprehensive,	achievement	achievement	achievement	achievement	556	1.89
	specialized						
2	knowledge in						
2	the various sub-						
	disciplines of						
	the biological						
	sciences	> 000/	06.000/	00.050/	-0.00/		
	Understand and	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	NTA	NTA
	apply scientific reasoning and	achievement	achievement	achievement	achievement	NA	NA
3	logical thinking						
	in the biological						
	sciences						
	Develop	> 90%	86-90%	80-85%	<80%		
	expertise in	achievement	achievement	achievement	achievement	368	2.33
	science process						
	skills, inquiry,						
	and						
	investigative						
	methodologies						
4	(research,						
Т	technical,						
	analytical,						
	problem-						
	solving, And evaluative						
	skills) in						
	the biological						
	sciences						
5	Communicate	> 90%	86-90%	80-85%	<80%		
	And critically	achievement	achievement	achievement	achievement	183	2.79
	evaluate						
	information in						
	oral and written						
	forms						

Data from Biol 1480 class Fall 2012 Semester