

Biology Assessment #6 Fall 2011

Learning Goal	Description	4 Exceeds Dept. Goal (Excellent)	3 Meets Dept. Goal (Good)	2 Approaches Dept. Goal (Acceptable)	1 Below Dept. Goal (Unacceptable)	N	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

Biology Assessment #6 Spring 2012

Learning Goal	Description	4 Exceeds Dept. Goal (Excellent)	3 Meets Dept. Goal (Good)	2 Approaches Dept. Goal (Acceptable)	1 Below Dept. Goal (Unacceptable)	N	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	848	2.59
2	Demonstrate comprehensive, specialized knowledge in the various sub-disciplines of the biological sciences	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	1130	2.37
3	Understand and apply scientific reasoning and logical thinking in the biological sciences	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	176	2.32
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	891	2.74
5	Communicate And critically evaluate information in oral and written forms	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	95	2.76

Data from Biol 1480 class Spring 2012 Semester

Biology Assessment #6 Fall 2012

Learning Goal	Description	4 Exceeds Dept. Goal (Excellent)	3 Meets Dept. Goal (Good)	2 Approaches Dept. Goal (Acceptable)	1 Below Dept. Goal (Unacceptable)	N	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	183	3.12
2	Demonstrate comprehensive, specialized knowledge in the various sub-disciplines of the biological sciences	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	556	1.89
3	Understand and apply scientific reasoning and logical thinking in the biological sciences	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	NA	NA
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	368	2.33
5	Communicate And critically evaluate information in oral and written forms	> 90% achievement	86-90% achievement	80-85% achievement	<80% achievement	183	2.79

Data from Biol 1480 class Fall 2012 Semester