

Assessment Plan: Core Competencies in Biology

Overview: All core competencies are assessed yearly via direct, summative assessment in a senior capstone course, Senior Seminar (BIO497).

1) Core Competency: Quantitative Literacy

Outcome Measure: Signature Assignment: Graphing Activity

Criteria for Success : 80% of students will be at “3” or higher

Rubric used: ACC&U Quantitative Literacy Rubric

2) Core Competency: Written Communication

Outcome Measure: Signature Assignment: Science/Faith position paper

Criteria for Success: 80% of students will be at “3” or higher

Rubric used: ACC&U Written Communication Rubric

3) Core Competency: Oral Communication

Outcome Measure: Signature Assignment: Bioethical Issue Presentation

Criteria for Success: 80% of students will be at “3” or higher

Rubric used: ACC&U Oral Communication Rubric

4) Core Competency: Critical thinking

Outcome Measure:

Signature Assignment: Bioethical Issue Presentation

Signature Assignment: Science/Faith position paper

Criteria for Success : 80% of students will be at “3” or higher

Rubric used: ACC&U Critical Thinking Rubric

5) Core Competency: Information Literacy

Outcome Measure:

Signature Assignment: Bioethical Issue Presentation

Signature Assignment: Science/Faith position paper

Criteria for Success: 80% of students will be at “3” or higher

Rubric used: ACC&U Information Literacy Rubric