

Standing Requirements

Outcomes Library

BA/BS in Biology with Specialization in Medical Laboratory Science- Updated Feb 2015

Goal 1: Content

Outcome	Mapping
SLO1: Students will describe the chemical and molecular processes fundamental to living cells.	No Mapping
SLO2: Students will describe the fundamental cellular and molecular basis of genetics.	No Mapping
SLO3: Students will describe the fundamentals of innate and adaptive immunity.	No Mapping
SLO4: Students will describe the fundamental physiological processes of the human body.	No Mapping

Goal 2: Method

Outcome	Mapping
SLO5: Students will apply the quantitative methods, instrumentation, and data analysis to explore living systems.	No Mapping
SLO6: Students will evaluate and interpret the outcomes of quantitative methods, instrumentation and data analysis.	No Mapping

Goal 3: Communication

Outcome	Mapping
SLO7: Students will demonstrate professional communication skills	No Mapping

Replaced - BA/BS in Biology with Specialization in Medical Laboratory Science Outcome Set

1: Develop knowledge of core content

Develop knowledge and understanding of core content in biology

Outcome	Mapping
SLO1: Describe the chemical and molecular processes fundamental to living organisms.	No Mapping
SLO2: Describe and illustrate the fundamental structure and processes of prokaryote and eukaryote cells.	No Mapping
SLO3: Explain and illustrate how the growth and behavior of organisms are activated and regulated	No Mapping
Explain and illustrate how the growth and behavior of organisms are activated and regulated through the expression of genetic information in context.	

SLO4: Describe the fundamentals of innate and adaptive immunity. No Mapping

SLO5: Explain and illustrate how the normal physiology of the human body functions to maintain homeostasis. No Mapping

2: Develop core competencies in scientific inquiry

Outcome	Mapping
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SLO6: Apply the process of science to understand biological phenomena. No Mapping

SLO7: Evaluate the outcomes of scientific experiments **Foundational Studies: 2.** Critically evaluate the ideas of others.

3: Develop an Ethical Approach to One's Profession

Develop an Ethical Approach to One's Profession

Outcome	Mapping
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SLO8: Explain ethical implications of decisions and actions. No Mapping

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