

Assessment Cycle 2022-23 (Academic Programs)

Biology Professional Health BS

Mission

The mission of the Department of Biology is to 1) provide students diverse learning opportunities with exposure to all levels of biological organization, from molecules to ecosystems, to build scientific literacy and develop critical thinking, quantitative reasoning, and effective communication skills for personal and professional success, 2) advance our understanding of living organisms and their interactions with the environment through scholarly research, and 3) serve the university, state, nation, and world through our broad expertise in the life sciences.

Academic Year 2022-23

Biology Professional Health BS Learning Outcomes

5.1 Interpret Scientific Literature: Key Points

Identify key points of scientific literature regarding human biology and disease

MEASURES	RESULTS	ACTIONS
<p>Investigative Paper</p> <p>Direct - Assignment</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p> <p>PaperInstructions.docx</p> <p>SciLiteracyRubric.docx</p>	<p>MET</p> <p>Investigative Paper</p> <p>■ Met ■ Approached</p> <p>0% 100%</p> <p>Met: 79%</p> <p>Approached: 21%</p> <p>Met Total: 79%</p> <p>Not Met Total: 21%</p>	<p>No actions have been added.</p>

5.2 Interpret Scientific Literature: Address Questions

Use scientific literature to address questions regarding human biology and disease


MEASURES	RESULTS	ACTIONS
<p>Investigative Paper</p> <p>Direct - Assignment</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p>	<p>MET</p> <p>Investigative Paper</p> <p>■ Met ■ Approached</p> <p>0% 100%</p> <p>Met: 79%</p> <p>Approached: 21%</p> <p>Met Total: 79%</p> <p>Not Met Total: 21%</p>	<p>No actions have been added.</p>

6.1 Written Communication: Effective Writing Style

Communicate information regarding human biology and disease with effective writing style


MEASURES	RESULTS	ACTIONS

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<p>Investigative Paper</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p> <p>PaperInstructions.docx</p> <p>WrittenCommRubric.docx</p>	<p>NOT MET</p> <p>Investigative Paper</p> <p>■ Met ■ Approached</p>  <p>0% 100%</p> <p>Met: 72%</p> <p>Approached: 28%</p> <p>Met Total: 72%</p> <p>Not Met Total: 28%</p>	<p>No actions have been added.</p>
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6.2 Written Communication: Effective Paragraph Structure

Communicate biological information regarding human biology and disease with effective effective paragraph structure

MEASURES	RESULTS	ACTIONS
<p>Investigative Paper</p> <p>Direct - Assignment</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p>	<p>MET</p> <p>Investigative Paper</p> <p>■ Met ■ Approached</p>  <p>0% 100%</p> <p>Met: 72%</p> <p>Approached: 28%</p> <p>Met Total: 72%</p> <p>Not Met Total: 28%</p>	<p>No actions have been added.</p>

6.3 Written Communication: Clear Sentence Structure

Communicate biological information regarding human biology and disease using clear sentence structure

MEASURES	RESULTS	ACTIONS
<p>Investigative Paper</p> <p>Direct - Assignment</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p>	<p>NOT MET</p> <p>Investigative Paper</p> <p>■ Met ■ Approached</p>  <p>0% 100%</p> <p>Met: 72%</p> <p>Approached: 28%</p> <p>Met Total: 72%</p> <p>Not Met Total: 28%</p>	<p>No actions have been added.</p>

6.4 Written Communication: Citations Used Effectively

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Communicate biological information regarding human biology and disease using citations effectively

MEASURES	RESULTS	ACTIONS
<p>Investigative Paper</p> <p>Direct - Assignment</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p>	<p>MET</p> <p>Investigative Paper</p> <p>■ Met ■ Approached</p> <p>0% 100%</p> <p>Met: 86% Approached: 14%</p> <p>Met Total: 86% Not Met Total: 14%</p>	<p>No actions have been added.</p>

6.5 Oral Communication: Presentation Well Organized

Communicate biological information regarding human biology and disease orally in a well-organized manner

MEASURES	RESULTS	ACTIONS
<p>Oral Presentation</p> <p>Direct - Presentation</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p> <p>OralCommRubric.docx</p> <p>OralPresentationInstructions.docx</p>	<p>MET</p> <p>Oral Presentation</p> <p>■ Met ■ Approached</p> <p>0% 100%</p> <p>Met: 79% Approached: 21%</p> <p>Met Total: 79% Not Met Total: 21%</p>	<p>No actions have been added.</p>

6.6 Oral Communication: Main Points Flow in a Cohesive Manner

Communicate biological information regarding human biology and disease orally in a cohesive manner

MEASURES	RESULTS	ACTIONS
<p>Oral Presentation</p> <p>Direct - Presentation</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p>	<p>MET</p> <p>Oral Presentation</p> <p>■ Met ■ Approached</p> <p>0% 100%</p> <p>Met: 79% Approached: 21%</p> <p>Met Total: 79% Not Met Total: 21%</p>	<p>No actions have been added.</p>

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6.7 Oral Communication: Speaks Clearly

Communicate biological information regarding human biology and disease orally in a clear manner

MEASURES	RESULTS	ACTIONS
<p>Oral Presentation</p> <p>Direct - Presentation</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p>	<p>NOT MET</p> <p>Oral Presentation</p> <p>■ Met ■ Approached</p> <p>0% 100%</p> <p>Met: 72% Approached: 28%</p> <p>Met Total: 72% Not Met Total: 28%</p>	<p>No actions have been added.</p>

6.8 Oral Communication: Visual Aids Used Effectively

Communicate biological information regarding human biology and disease orally while using visual aids effectively

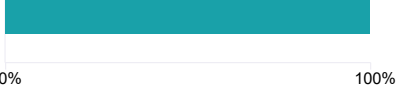
MEASURES	RESULTS	ACTIONS
<p>Oral Presentation</p> <p>Direct - Presentation</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p>	<p>MET</p> <p>Oral Presentation</p> <p>■ Met ■ Approached</p> <p>0% 100%</p> <p>Met: 79% Approached: 21%</p> <p>Met Total: 79% Not Met Total: 21%</p>	<p>No actions have been added.</p>

7. Identify Relationships

7) Identify relationships between science, human health, and society

MEASURES	RESULTS	ACTIONS

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<p>Literature Analyses and Discussions</p> <p>Direct - Portfolio</p> <p>Senior Capstone Seminar: BIOL 480</p> <p>Target</p> <p>75% of students will earn a rank of "accomplished"</p> <p>DiscussionInstructions.docx</p> <p>SciSocietyRubric.docx</p>	<p>MET</p> <p>Literature Analyses and Discussions</p> <p>■ Met</p>  <p>0% 100%</p> <p><i>Values are not shown when too close to each other. Click or use arrow keys to see details.</i></p> <p>Met: 100%</p> <p>Met Total: 100%</p> <p>Not Met Total:</p>	<p><i>No actions have been added.</i></p>
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