

Biology

	Describe, interpret, and integrate the fundamental principles and theories that underlie our understanding of the living world, and the empirical evidence that supports that understanding.	Explain the process of science, evaluate and critique its products, and implement it to develop hypotheses and models for experimentation in the context of biology.	Produce and deliver clear and effective oral and written communications of biological concepts and discoveries to a variety of audiences.	Discuss and investigate how fields of biology are interconnected and engage with other scientific disciplines, including the growing role of interdisciplinarity in scientific research.	Relate skills and knowledge of biology to the liberal arts and broader society.
Year					
19-20	X				
20-21		X	X		
21-22				X	X
22-23	X				
23-24		X	X		
24-25				X	X
25-26	X				
26-27		X	X		
27-28				X	X
28-29	X				
Direct	Capstone Comprehensive Exam; Senior Seminar Literature Critiques; Senior Seminar Literature Review & Research Proposal	Senior Seminar Literature Critiques; Senior Seminar Literature Review & Research Proposal	Senior Seminar Literature Critiques and Discussions; Senior Seminar Literature Review, Research Proposal, and Presentation	Senior Seminar Literature Critiques and Discussions; Additional Direct Assessments are being developed for the 2021-22 assessment of this learning goal.	Direct Assessments are being developed for the 2021-22 assessment of this learning goal.

Senior survey question -
My experience in Biology
courses contributed to
the development of the
following learning goals:
A broad understanding of
the fundamental
principles and theories
that underlie our
understanding of the
living world, and the
empirical evidence that
supports that
understanding.

Indirect

Senior survey question -
My experience in Biology
courses contributed to
the development of the
following learning goals:
An ability to explain the
process of science,
evaluate and critique its
products, and implement
it to develop models and
hypotheses.

Senior survey question -
My experience in Biology
courses contributed to
the development of the
following learning goals:
An ability to produce and
deliver clear and effective
oral and written
communications of
biological concepts and
discoveries to a variety of
audiences.

Senior survey question -
My experience in Biology
courses contributed to
the development of the
following learning goals:
An ability to discuss and
investigate how fields of
biology are
interconnected with other
scientific disciplines,
including the growing role
of interdisciplinarity in
scientific research.

Senior survey question -
My experience in Biology
courses contributed to
the development of the
following learning goals:
An ability to relate skills
and knowledge of biology
to the liberal arts and
broader society.