

Hartwick College - Office of Academic and Pre-Professional Advising
 Graduation Requirements Worksheet

Name: _____ Catalog Yr: _____ Department: Biology

Liberal Arts in Practice

First Year Seminar & 'Wick 101 Course

	<i>Completed</i>	<i>Gr/Cr</i>
First Year Seminar _____	<input type="checkbox"/>	_____
'Wick 101 _____	<input type="checkbox"/>	_____

Writing Competency*

Depending on your Writing Level, take ENGL 101 (WL1), ENGL 110 (WL2), ENGL 111 (WL2b), or any WL3 course in any department, to achieve WL4.

_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____

3 Credits in Quantitative/Formal Reasoning (QFR)

QFR Designation _____	<input type="checkbox"/>	_____
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Foreign Language** - Spanish, German and French

Language Course I _____	<input type="checkbox"/>	_____
Language Course II (if needed) _____	<input type="checkbox"/>	_____

9 Credits in Humanities- Art, Art History, English, Music, Music Education, Philosophy, Religious Studies and Theatre

EL/ILS*** Humanities course _____	<input type="checkbox"/>	_____
3 or 4 cr Humanities course _____	<input type="checkbox"/>	_____
3 or 4 cr Humanities course _____	<input type="checkbox"/>	_____

9 Credits in Physical & Life Sciences - Biology, Chemistry, Computer and Information Science, Geology, Mathematics, Nursing and Physics

1 Biology or Geology course _____	<input type="checkbox"/>	_____
1 Chemistry or Physics course _____	<input type="checkbox"/>	_____
3 or 4 cr Phys/Life Science _____	<input type="checkbox"/>	_____
Lab Component _____	<input type="checkbox"/>	_____

Note: Lab must be in a Biology, Geology, Chemistry or Physics Course

9 Credits in Social Sciences - Accounting, Finance, Anthropology, Business Admin, Economics, Education, History, Political Science, Psychology and Sociology

EL/ILS Social Science Course _____	<input type="checkbox"/>	_____
3 or 4 cr Social Science course _____	<input type="checkbox"/>	_____
3 or 4 cr Social Science course _____	<input type="checkbox"/>	_____

Note: Courses must be in at least two different departments

2 Credits in Physical Education

1 cr Physical Education course _____	<input type="checkbox"/>	_____
1 cr Physical Education course _____	<input type="checkbox"/>	_____

* Achieve Writing Level 4 either by attaining an A- or better in ENGL 110, or by taking a WL3 course and receiving the instructor's recommendation to be advanced to WL4.

** Language requirement can be fulfilled in one of four ways: two elementary courses, one elementary and an off-campus program, one elementary and culture course, or one intermediate or immersion course.

*** Courses with EL/ILS designation can be found in course offerings
 Academic Year 2013-2014

Biology Major Requirements

Three Foundation Courses: BIOL 203 or 203 may be replaced by a Biology Advanced Placement test score of 4 or 5, together with a grade of A in BIOL 101

	<i>Completed</i>	<i>Gr/Cr</i>
BIOL 101 Biology in Practice: (Topic) (4 cr) _____	<input type="checkbox"/>	_____
BIOL 202 Concepts in Biology: Energy (4 cr) _____	<input type="checkbox"/>	_____
BIOL 203 Concepts in Biology: Info (4 cr) _____	<input type="checkbox"/>	_____

Core Requirements: Minimum of seven credits from each area OR a minimum of 10 credits from one area, a minimum of 7 credits from a different area and a minimum of 4 from the third area. Additionally, at least one course for each area must have a lab course, at least one course must have a significant plant component (P), AND at least one course must have a significant Biological Diversity component (D).

Cell and Molecular Biology

_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____

Organismal Biology

_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____

Ecology and Evolution

_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____

Research Methods

BIOL 392 Research Methods in Biology (2 cr) *Note: Only offered in fall; should be taken during fall of year before graduation (i.e. junior year) in preparation for BIOL 490 Senior Project.*

_____	<input type="checkbox"/>	_____
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Senior Research Project

BIOL 490 Senior Project (4 cr) _____	<input type="checkbox"/>	_____
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Note: May be taken as 2 credits in the fall and 2 credits in the spring

Additional Requirements: CHEM 107/107L & 108/108L OR CHEM 109. Chem 201. PHYS 140 & 141 OR 201 & 202. MATH 108 OR 121. Senior Comprehensive Examination.

You Ought To Know:

Prerequisites

BIOL 101, 202 & 203 are the prerequisites for all core courses in Biology curriculum. *Sequencing-* Contact Biology Dept.

Key Terms:

Gr: Grade Received,
 Cr: Credit Received

Core Notes:

Students must complete 120 academic credits exclusive of Physical Education and achieve a 2.0 cumulative and major GPA to graduate. Liberal Arts Credits required: BA 90, BS 60. Liberal arts courses do not include Education, Computer/Information Science, Nursing or Business/Accounting.