

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

Name: _____ Catalog Yr: _____ Department: Computer Science

Liberal Arts in Practice

First Year Seminar & 'Wick 101 Course

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

Computer Science

Four Core Courses in Computer & Information Sciences

CISC 120 Cracking the Code	_____	<input type="checkbox"/>	_____
CISC 135 Visual Programming	_____	<input type="checkbox"/>	_____
CISC 225 Advanced Programming Tech	_____	<input type="checkbox"/>	_____
CISC 315 Database Management	_____	<input type="checkbox"/>	_____

Five Upper-Level Courses in Computer & Information Science- Students must take one additional three or four credit course at or above the 200 level

CISC 240 Computer Organ./Assembly Lang	_____	<input type="checkbox"/>	_____
CISC 320 Programming Language	_____	<input type="checkbox"/>	_____
CISC 325 Data Structures	_____	<input type="checkbox"/>	_____
CISC 430 Operating Systems	_____	<input type="checkbox"/>	_____
_____	_____	<input type="checkbox"/>	_____

Four Courses in Mathematics

MATH 121 Single Variable Calculus	_____	<input type="checkbox"/>	_____
MATH 233 Multivariable Calculus	_____	<input type="checkbox"/>	_____
MATH 220 Linear Algebra	_____	<input type="checkbox"/>	_____
MATH 235 Adv Single Variable Calculus	_____	<input type="checkbox"/>	_____

Senior Project in Computer & Information Science

CISC 490 Senior Project	_____	<input type="checkbox"/>	_____
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You Ought to Know

MATH 121: Require Math Level 5 (although a student who successfully completes MATH 120 may take MATH 121).

CISC 118 (FYS): May be taken in place of CISC 120.

Contact Computer & Information Science Department for more information

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.

Academic Year 2013/2014