

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

Name: \_\_\_\_\_ Catalog Yr: \_\_\_\_\_ Department: Actuarial Math

**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

**Actuarial Math**

**Complete the following (MATH 311 -or- Math 381)**

	<i>Completed</i>	<i>Gr/Cr</i>
MATH 121: Single Variable Calc. (4cr)	<input type="checkbox"/>	
MATH 235: Advance Sing. Variable Calc. (3cr)	<input type="checkbox"/>	
MATH 233: Multivariable Calc. (3cr)	<input type="checkbox"/>	
MATH 220: Linear Algebra (3cr)	<input type="checkbox"/>	
MATH 307: Probability & Stats. I (3cr)	<input type="checkbox"/>	
MATH 308: Probability & Stats. II (3cr)	<input type="checkbox"/>	
MATH 311: Differential Equations -OR- (3cr)	<input type="checkbox"/>	
MATH 384: Mathematical Modeling (3cr)	<input type="checkbox"/>	
MATH 491: Senior Capstone (4cr)	<input type="checkbox"/>	

**In Accounting, Finance, Business Admin, and Economics:**

ECON 223: Econometrics (4cr)	<input type="checkbox"/>
BUSA 280: Finance (4cr)	<input type="checkbox"/>
FINA 325: Financial Modeling (4cr)	<input type="checkbox"/>
FINA 360: Investment Analysis (4cr)	<input type="checkbox"/>
BUSA 101: Intro to Business (4cr)	<input type="checkbox"/>
ACCO 101: Financial Accounting (4cr)	<input type="checkbox"/>
ECON 101: Topics in Microeconomics (3cr)	<input type="checkbox"/>
ECON 102: Topics in Macroeconomics (3cr)	<input type="checkbox"/>

Contact Actuarial Math 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**