# Applied Mathematics/ BS Degree Actuarial Track

## Suggested Course Sequence

For students entering the major in catalog year 2020-21

SEMESTER	FALL		SPRING	
	INT 100 Principles of Academic Integrity	0		
	FYS 100 First Year Seminar	1		
	ENG 151 College Writing I	3	ENG 152 College Writing II	3
	MATH 220 Calculus I		EC 201 Macroeconomics	
	Quantitative Literacy (QL)	4	Social Science II** (SS)	3
	Communication Intensive (CI)	3	MATH Elective (1 of 3)	3
	Humanities I* (HUM)	3	Humanities II* (HUM)	3
	Social Science I** (SS)	3	Fine Arts (FA)	3
CREDITS		17 CREDITS	15	CREDIT
YEAR 2				
SEMESTER	FALL		SPRING	
	MATH 221 Calculus II			
	Quantitative Literacy (QL)	4	MATH 222 Calculus III	4
	ACC 140 Financial Accounting	3	MATH Elective (2 of 3)	3
	EC 202 Microeconomics	3	ACC 141 Managerial Accounting	3
	Humanities III* (HUM)	3	200-Level Writing Intensive (WI)	3
	General Elective	3	General Elective	3
CREDITS	16 CREDITS		16 CREDITS	
YEAR 3				
SEMESTER	FALL		SPRING	
	MATH 312 Mathematical Statistics I	3	MATH 313 Mathematical Statistics II	3
	MATH 326 Linear Algebra	3	MATH 420 Actuarial Math	3
	MATH 342 Time Series Analysis	3	Humanities IV* (HUM)	3
	FIN 300 Principles of Finance	3	Scientific Reasoning - Lab (SR-L)	4
	General Elective	3	General Elective	3
CREDITS		15 CREDITS	16 (	CREDITS
YEAR 4				
SEMESTER	FALL		SPRING	
	MATH 475 Capstone Seminar			
	300/400-Level Writing Intensive (WI)	3	MATH 418 Mathematical Modeling	3
	MATH 470 or 471 Capstone Internship <sup>1</sup>	3/6	MATH 425 Scientific Computer Programming	3
	MATH Elective (3 of 3) <sup>1</sup>	3	General Elective	3
	General Elective	3	General Elective	3
	General Elective	3	General Elective, if needed	3
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### **PROGRAM POLICIES**

Specific information regarding program policies and tracks (if applicable) may be found in the Stevenson University Catalog. Please consult with your academic advisor/success coach if you need additional information.

Prerequisite and co-requisite information is listed in the course descriptions.

No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below a "C" is earned in a major course, the student must repeat that course. A course may be repeated once without special permission.

### **COURSE INFORMATION**

FYS-100 First Year Seminar 1-credit course required for all first year students.

INT-100

Principles of Academic Integrity O-credit Blackboard course required for all students.

<sup>1</sup> A student taking the 6 credit internship (MATH 471) can take one less MATH Elective.

### **GENERAL EDUCATION NOTES**

Stevenson Educational Experience (SEE) courses are identified in blue.

- Specific courses that fulfill SEE requirements are listed in the SU Catalog, on the SU Now Portal, and through Student Planning.
- Students must complete all SEE and major requirements and earn a minimum of 120 credits.
- A minimum of 15 credits must be taken at the 300/400 level.
- \*HUMANITIES classes must be from at least three different disciplines.
- \*\*SOCIAL SCIENCE classes must be from two different disciplines