# Applied Mathematics / BS Degree **Business Track**

# Suggested Course Sequence

For students entering the major in catalog year 2022-23

SEMESTER	FALL 2022		SPRING 2023	
	INT 100 Principles of Academic Integrity	0	EC 201 Macroeconomics	
	FYS 100 First Year Seminar	1	Social Science I** (SS)	3
	ENG 151 College Writing I	3	ENG 152 College Writing II	3
	MATH 220 Calculus I		MATH 221 Calculus II	
	Quantitative Literacy (QL)	4	Quantitative Literacy (QL)	4
	Communication Intensive (CI)	3	Humanities II* (HUM)	3
	Humanities I* (HUM)	3	General Elective/Minor Course	3
CREDITS	14 CF	REDITS		16 CREDIT
YEAR 2	-	-		
SEMESTER	FALL 2023		SPRING 2024	
	MATH 222 Calculus III (Offered fall)	4	MATH Elective (1 of 3)	3
	Fine Arts (FA)	3	200-Level Writing Intensive (WI)	3
	Business Elective: ACC 140 Financial Accounting or MGT-204 Principles of Management Social Science II** (SS) or MKT 206 Principles of Marketing	3	Humanities III* (HUM)	3
	Social Science II** (SS) or General Elective	3	Humanities IV* (HUM)	3
	General Elective/Minor Course	3	Scientific Reasoning - Lab (SR-L)	4
CREDITS	16 CF	REDITS		16 CREDITS
YEAR 3		-		
SEMESTER	FALL 2024		SPRING 2025	
	MATH 312 Mathematical Statistics I		MATH 313 Mathematical Statistics II	
	(Offered fall, even years)	3	(Offered spring, odd years)	3
	MATH 326 Linear Algebra (Offered fall, even years)	3	MATH Elective 200-level or higher	3
	MATH Elective (2 of 3)	3	MATH Elective (3 of 3) <sup>1</sup>	3
	Business Track Elective (Choose from: ACC,EC,FMER,INBUS,IS,MGT,MKT)	3	Business Track Elective (Choose from: ACC,EC,FMER,INBUS,IS,MGT,MKT)	3
	General Elective/Minor Course	3	General Elective/Minor Course	3
CREDITS	15 CREDITS			15 CREDITS
YEAR 4	·			
SEMESTER	FALL 2025		SPRING 2026	
	MATH 470 or 471 Capstone Internship <sup>1</sup> or		MATH 475 Capstone Seminar	
	SCI 301 Internship	3/6	300/400-Level Writing Intensive (WI)	3
	MATH 425 Scientific Computer Programming		MATH 418 Mathematical Modeling	
	(Offered fall, odd years) MATH 442 Numerical Analysis	3	(Offered spring, even years)	3
	(offered fall, odd years)	3	General Elective/Minor Course	3
	General Elective/Minor Course	3	General Elective/Minor Course	3
	General Elective/Minor Course, if needed	3	General Elective/Minor Course, if needed	3
	12 - 15 CF			15 CREDITS

### **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 0-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