# Applied Mathematics / BS Degree Business Track

## Suggested Course Sequence

For students entering the major in catalog year 2025-26

SEMESTER	FALL 2025		SPRING 2026	
<u> </u>	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 CI	REDITS		16 CREDITS
YEAR 2				
SEMESTER	FALL 2026		SPRING 2027	
	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	†	200 Lovel Withing Interiore (WI)	
	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
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CREDITS	16 CI	REDITS		16 CREDITS
YEAR 3	16 Ci	REDITS		16 CREDITS
	FALL 2027	REDITS	SPRING 2028	16 CREDITS
YEAR 3	FALL 2027  MATH 425 Scientific Computer Programming		MATH 418 Mathematical Modeling	
YEAR 3	FALL 2027  MATH 425 Scientific Computer Programming (Offered fall, odd years)	REDITS		16 CREDITS
YEAR 3	FALL 2027  MATH 425 Scientific Computer Programming (Offered fall, odd years)  MATH 442 Numerical Analysis	3	MATH 418 Mathematical Modeling (Offered spring, even years)	3
YEAR 3	FALL 2027  MATH 425 Scientific Computer Programming (Offered fall, odd years)  MATH 442 Numerical Analysis (offered fall, odd years)	3	MATH 418 Mathematical Modeling (Offered spring, even years)  MATH Elective 200-level or higher	3
YEAR 3	FALL 2027  MATH 425 Scientific Computer Programming (Offered fall, odd years)  MATH 442 Numerical Analysis	3	MATH 418 Mathematical Modeling (Offered spring, even years)  MATH Elective 200-level or higher MATH Elective (2 of 3)	3
YEAR 3	FALL 2027  MATH 425 Scientific Computer Programming (Offered fall, odd years)  MATH 442 Numerical Analysis (offered fall, odd years)  MATH 326 Linear Algebra (offered fall, odd years)	3 3 3	MATH 418 Mathematical Modeling (Offered spring, even years)  MATH Elective 200-level or higher	3
YEAR 3	FALL 2027  MATH 425 Scientific Computer Programming (Offered fall, odd years)  MATH 442 Numerical Analysis (offered fall, odd years)  MATH 326 Linear Algebra (offered fall, odd years)  Business Track Elective (Choose from:	3 3 3	MATH 418 Mathematical Modeling (Offered spring, even years)  MATH Elective 200-level or higher MATH Elective (2 of 3) Business Track Elective (Choose from:	3 3 3
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YEAR 3 SEMESTER  CREDITS YEAR 4	FALL 2027  MATH 425 Scientific Computer Programming (Offered fall, odd years)  MATH 442 Numerical Analysis (offered fall, odd years)  MATH 326 Linear Algebra (offered fall, odd years)  Business Track Elective (Choose from: ACC,EC,FMER,INBUS,IS,MGT,MKT)  General Elective/Minor Course  15 CI  FALL 2028  MATH 470 Capstone Internship or SCI 301 Internship	3 3 3 3 3 REDITS	MATH 418 Mathematical Modeling (Offered spring, even years)  MATH Elective 200-level or higher  MATH Elective (2 of 3)  Business Track Elective (Choose from: ACC,EC,FMER,INBUS,IS,MGT,MKT)  General Elective/Minor Course  SPRING 2029  MATH 475 Capstone Seminar 300/400-Level Writing Intensive (WI)	3 3 3 3 3 15 CREDITS
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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 0-credit Blackboard course required for all students.

### **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