Applied Mathematics / BS Degree Business Track

Suggested Course Sequence

For students entering the major in catalog year 2023-24

SEMESTER	FALL 2023		SPRING 2024	
	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 CR	EDITS		16 CREDIT
YEAR 2				
SEMESTER	FALL 2024		SPRING 2025	
	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 Lotor Writing 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
CREDITS	16 CR	EDITS		16 CREDITS
YEAR 3	·		•	
IEAR 3				
SEMESTER	FALL 2025		SPRING 2026	
	FALL 2025 MATH 425 Scientific Computer Programming		SPRING 2026 MATH 418 Mathematical Modeling	
	MATH 425 Scientific Computer Programming (Offered fall, odd years)	3		3
	MATH 425 Scientific Computer Programming (Offered fall, odd years) MATH 442 Numerical Analysis		MATH 418 Mathematical Modeling (Offered spring, even years)	
	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
	MATH 425 Scientific Computer Programming (Offered fall, odd years) MATH 442 Numerical Analysis (offered fall, odd years) MATH Elective (2 of 3)		MATH 418 Mathematical Modeling (Offered spring, even years) MATH Elective 200-level or higher MATH Elective (3 of 3) ¹	
	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
	MATH 425 Scientific Computer Programming (Offered fall, odd years) MATH 442 Numerical Analysis (offered fall, odd years) MATH Elective (2 of 3) Business Track Elective (Choose from:	3	MATH 418 Mathematical Modeling (Offered spring, even years) MATH Elective 200-level or higher MATH Elective (3 of 3)¹ Business Track Elective (Choose from:	3
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SEMESTER CREDITS YEAR 4	MATH 425 Scientific Computer Programming (Offered fall, odd years) MATH 442 Numerical Analysis (offered fall, odd years) MATH Elective (2 of 3) Business Track Elective (Choose from: ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective/Minor Course FALL 2026 MATH 470 or 471 Capstone Internship¹ or SCI 301 Internship MATH 312 Mathematical Statistics I	3 3 3 3 EDITS	MATH 418 Mathematical Modeling (Offered spring, even years) MATH Elective 200-level or higher MATH Elective (3 of 3)¹ Business Track Elective (Choose from: ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective/Minor Course SPRING 2027 MATH 475 Capstone Seminar 300/400-Level Writing Intensive (WI) MATH 313 Mathematical Statistics II	3 3 3 3 15 CREDITS
SEMESTER CREDITS YEAR 4	MATH 425 Scientific Computer Programming (Offered fall, odd years) MATH 442 Numerical Analysis (offered fall, odd years) MATH Elective (2 of 3) Business Track Elective (Choose from: ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective/Minor Course FALL 2026 MATH 470 or 471 Capstone Internship¹ or SCI 301 Internship	3 3 3 3 EDITS	MATH 418 Mathematical Modeling (Offered spring, even years) MATH Elective 200-level or higher MATH Elective (3 of 3)¹ Business Track Elective (Choose from: ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective/Minor Course SPRING 2027 MATH 475 Capstone Seminar 300/400-Level Writing Intensive (WI)	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.

¹ 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