Applied Mathematics / BS Degree Interdisciplinary Track

Suggested Course Sequence

For students entering the major in catalog year 2024-25

YEAR 1 SEMESTER	EALL 2024	SPRING 2025		
SEMESTER	FALL 2024	1	SPRING 2025	1
	INT 100 Principles of Academic Integrity	0		
	FYS 100 First Year Seminar	1	Communication Intensive (CI)	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
	Humanities I* (HUM)	3	Humanities II* (HUM)	3
	Social Science I** (SS)	3	Social Science II** (SS)	3
CREDITS	14 CR	REDITS	16 CI	REDIT
YEAR 2				
SEMESTER	FALL 2025		SPRING 2026	
	MATH 222 Calculus III (Offered fall)	4	MATH Elective (1 of 3)	3
	200-Level Writing Intensive (WI)	3	MATH Elective 200-level or higher	3
	200 2010 Milling monero (111)		PHYS 215 General Physics I with Calculus	
	Fine Arts (FA)	3	Scientific Reasoning - Lab (SR-L)	4
	Humanities III* (HUM)	3	Humanities IV* (HUM)	3
	General Elective/Minor Course	3	General Elective/Minor Course	3
CREDITS	16 CR	REDITS	16 CR	EDITS
YEAR 3				
SEMESTER	FALL 2026		SPRING 2027	
	MATH 312 Mathematical Statistics I		MATH 313 Mathematical Statistics II	
	(Offered fall, even years)	3	(Offered spring, odd years)	3
			MATH 301 Mathematical Structures	
	MATH 326 Linear Algebra (Offered fall, even years)	3	(Offered spring, odd years)	3
	MATH Elective (2 of 3)	3	MATH 321 Differential Equations (Offered spring)	3
	PHYS 216 General Physics II with Calculus	4	General Elective/Minor Course	3
	General Elective/Minor Course	3	General Elective/Minor Course	3
CREDITS	16 CR	REDITS	15 CR	EDITS
YEAR 4				
SEMESTER	FALL 2027		SPRING 2028	
	MATH 470 or 471 Capstone Internship ¹ or		MATH 475 Capstone Seminar	
	With the or the dapatone internelle of	0 (0	300/400-Level Writing Intensive (WI)	3
	SCI 301 Internship	3/6	300/ 400-Level Witting Intensive (WI)	
	SCI 301 Internship MATH 425 Scientific Computer Programming		MATH 418 Mathematical Modeling	
	SCI 301 Internship MATH 425 Scientific Computer Programming (Offered fall, odd years)	3/6		3
	SCI 301 Internship MATH 425 Scientific Computer Programming (Offered fall, odd years) MATH 442 Numerical Analysis	3	MATH 418 Mathematical Modeling (Offered spring, even years)	3
	SCI 301 Internship 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 (3 of 3) ¹	3
	SCI 301 Internship MATH 425 Scientific Computer Programming (Offered fall, odd years) MATH 442 Numerical Analysis (offered fall, odd years) General Elective/Minor Course	3 3 3	MATH 418 Mathematical Modeling (Offered spring, even years) MATH Elective (3 of 3) ¹ General Elective/Minor Course	3 3
	SCI 301 Internship 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 (3 of 3) ¹	3

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

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