Applied Mathematics / BS Degree Interdisciplinary Track

Suggested Course Sequence
For students entering the major in catalog year **2021-22**

YEAR 1

SEMESTER	FALL 2021		SPRING 2022	
	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 Quantitative Literacy (QL)	4	MATH 221 Calculus II Quantitative Literacy (QL)	4
	Humanities I* (HUM)	3	Humanities II* (HUM)	3
	Social Science I** (SS)	3	Social Science II** (SS)	3
CREDITS	**14 CREDITS**		**16 CREDITS**	

YEAR 2

SEMESTER	FALL 2022		SPRING 2023	
	MATH 222 Calculus III *(Offered fall)*	4	MATH Elective (1 of 3)	3
	MATH 312 Mathematical Statistics I *(Offered fall, even years)*	3	MATH 313 Mathematical Statistics II *(Offered spring, odd years)*	3
	200-Level Writing Intensive (WI)	3	PHYS 215 General Physics I with Calculus Scientific Reasoning - Lab (SR-L)	4
	Humanities III* (HUM)	3	MATH 301 Mathematical Structures *(Offered spring, odd years)*	3
	General Elective	3	General Elective	3
CREDITS	**16 CREDITS**		**16 CREDITS**	

YEAR 3

SEMESTER	FALL 2023		SPRING 2024	
	MATH 425 Scientific Computer Programming *(Offered fall, odd years)*	3	MATH 418 Mathematical Modeling *(Offered spring, even years)*	3
	MATH 442 Numerical Analysis *(offered fall, odd years)*	3	MATH Elective (2 of 3)	3
	Fine Arts (FA)	3	Humanities IV* (HUM)	3
	PHYS 216 General Physics II with Calculus	4	MATH 321 Differential Equations *(Offered spring)*	3
	General Elective	3	General Elective	3
CREDITS	**16 CREDITS**		**15 CREDITS**	

YEAR 4

SEMESTER	FALL 2024		SPRING 2025	
	MATH 326 Linear Algebra *(Offered fall, even years)*	3	MATH 475 Capstone Seminar 300/400-Level Writing Intensive (WI)	3
	MATH 470 or 471 Capstone Internship[1]	3/6	MATH Elective 200-level or higher	3
	MATH Elective (3 of 3) [1]	3	General Elective	3
	General Elective	3	General Elective	3
	General Elective, if needed	3		
CREDITS	**15 CREDITS**		**12 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.

[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