Applied Mathematics / BS Degree Interdisciplinary Track

Suggested Course Sequence

For students entering the major in catalog year 2018-19

YEAR 1	FALL		CDDING	
SEMESTER	FALL		SPRING	
	INT 100 Principles of Academic Integrity	0		
	FYS 100 First Year Seminar	1	FNC 152 Whiting about Liberature	-
	ENG 151 Composition & Writing from Sources MATH 220 Calculus I	3	ENG 152 Writing about Literature MATH 221 Calculus II	3
	Quantitative Literacy (QL)	4	Quantitative Literacy (QL)	4
	Communication Intensive (CI)	3	MATH Elective ¹ (1 of 4)	3
	Humanities I* (HUM)	3	Humanities II* (HUM)	3
	Social Science I** (SS)	3	Social Science II** (SS)	3
CREDITS	17 C	REDITS	16 CF	REDITS
YEAR 2		NIDI I		<u> </u>
SEMESTER	FALL		SPRING	
SELLEGIEN	MATH 222 Calculus III	4	MATH 313 Mathematical Statistics II	3
	MATH 312 Mathematical Statistics I	3	MATH 321 Differential Equations	3
	PHYS 215 General Physics I with Calculus		TIVITI SEE BITCICHILIA EQUATIONS	
	Scientific Reasoning - Lab (SR-L)	4	PHYS 216 General Physics II with Calculus	4
	Humanities III* (HUM)	3	200-level Writing Intensive (WI)	3
			General Elective	3
CREDITS	14 CREDITS		16 CREDITS	
YEAR 3	_			
SEMESTER	FALL		SPRING	
	MATH 326 Linear Algebra	3	MATH 442 Numerical Analysis	3
	MATH 301 Mathematical Structures	3	MATH Elective ¹ (3 of 4)	3
	MATH Elective ¹ (2 of 4)	3	Humanities IV* (HUM)	3
	General Elective	3	General Elective	3
	General Elective	3	General Elective	3
CREDITS	15 C	REDITS	15-16 CREDITS	
YEAR 4				
SEMESTER	FALL		SPRING	
	MATH 450/460/460H Research Capstone or			
	MATH 455/465/465H Internship Capstone		MATH 418 Mathematical Modeling	2
			T MATE ATX MAINEMAIN, STANDON	3
	300/400-level Writing Intensive (WI)	5-9	1	,
	300/400-level Writing Intensive (WI) MATH Elective¹ (4 of 4)	3	MATH 425 Scientific Computer Programming	3
	300/400-level Writing Intensive (WI) MATH Elective ¹ (4 of 4) Fine Arts (FA)	3	MATH 425 Scientific Computer Programming General Elective	3
	300/400-level Writing Intensive (WI) MATH Elective¹ (4 of 4)	3	MATH 425 Scientific Computer Programming General Elective General Elective	3
CREDITS	300/400-level Writing Intensive (WI) MATH Elective ¹ (4 of 4) Fine Arts (FA)	3 3 3	MATH 425 Scientific Computer Programming General Elective	3 3 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.

¹ MATH electives include:

MATH 218 Geometry, MATH 230 Discrete Structures,

MATH 343 Time Series Analysis,

MATH 365 Independent Research in Mathematics,

MATH 420 Actuarial Mathematics,

MATH 490 Special Topics in Mathematics.

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 catalog and on the portal.
- Students must complete all general education 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