Applied Mathematics / BS Degree Business Track

Suggested Course Sequence

For students entering the major in catalog year 2018-19

SEMESTER	FALL		SPRING	
	INT 100 Principles of Academic Integrity	0	EC 201 Macroeconomics	
	FYS 100 First Year Seminar	1	Social Science I** (SS)	3
	ENG 151 Composition & Writing from Sources	3	ENG 152 Writing about Literature	3
	MATH 220 Calculus I		MATH 221 Calculus II	
	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
CREDITS	14 CR	EDITS	16 CR	EDITS
YEAR 2	2100		25 61	
SEMESTER	FALL		SPRING	
	MATH 222 Calculus III	4	MATH 313 Mathematical Statistics II	3
	MATH 312 Mathematical Statistics I	3	MATH Elective ¹ (2 of 4)	3
	Business Track Elective ACC 140 Financial Accounting OR MGT 204 Principles of Management - Social Science II** (SS) OR			
	MKT 206 Principles of Marketing	3	200-level Writing Intensive (WI)	3
	Humanities III* (HUM)	3	Scientific Reasoning - Lab (SR-L)	4
	General Elective	3	General Elective	3
CREDITS	16 CR	EDITS	16 CR	EDITS
YEAR 3				
SEMESTER	FALL		SPRING	
	MATH 326 Linear Algebra	3	MATH 442 Numerical Analysis	3
	MATH Elective ¹ (3 of 4)	3	Humanities IV* (HUM)	3
			Business Track Elective (Choose any course	
	Business Track Elective (Choose any course from: ACC,EC,FMER,INBUS,IS,MGT,MKT)	3	from: ACC,EC,FMER,INBUS,IS,MGT,MKT)	3
	ACC,EC,FMER,INBUS,IS,MGT,MKT)		from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or	
	ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective	3	from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or General Elective	3
	ACC,EC,FMER,INBUS,IS,MGT,MKT)		from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or	
CREDITS	ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective	3	from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or General Elective General Elective	3
YEAR 4	ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective General Elective 15 CR	3	from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or General Elective General Elective 15 CR	3
	ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective General Elective 15 CR	3	from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or General Elective General Elective	3
YEAR 4	ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective General Elective 15 CR FALL MATH 450/460/460H Research Capstone or MATH 455/465/465H Internship Capstone	3 3 EDITS	from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or General Elective General Elective 15 CR	3 3 REDITS
YEAR 4	ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective General Elective 15 CR FALL MATH 450/460/460H Research Capstone or MATH 455/465/465H Internship Capstone 300/400-level Writing Intensive (WI)	3 3 EDITS 5-9	from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or General Elective General Elective 15 CR SPRING MATH 418 Mathematical Modeling	3 3 2EDITS
YEAR 4	ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective General Elective 15 CR FALL MATH 450/460/460H Research Capstone or MATH 455/465/465H Internship Capstone 300/400-level Writing Intensive (WI) MATH Elective¹ (4 of 4)	3 3 EDITS 5-9 3	from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or General Elective General Elective 15 CR SPRING MATH 418 Mathematical Modeling MATH 425 Scientific Computer Programming	3 3 REDITS
YEAR 4	ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective General Elective 15 CR FALL MATH 450/460/460H Research Capstone or MATH 455/465/465H Internship Capstone 300/400-level Writing Intensive (WI) MATH Elective¹ (4 of 4) Fine Arts (FA)	3 3 EDITS 5-9 3 3	from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or General Elective General Elective 15 CR SPRING MATH 418 Mathematical Modeling MATH 425 Scientific Computer Programming General Elective	3 3 8 EDIT 8
YEAR 4	ACC,EC,FMER,INBUS,IS,MGT,MKT) General Elective General Elective 15 CR FALL MATH 450/460/460H Research Capstone or MATH 455/465/465H Internship Capstone 300/400-level Writing Intensive (WI) MATH Elective¹ (4 of 4)	3 3 EDITS 5-9 3	from: ACC,EC,FMER,INBUS,IS,MGT,MKT) Social Science II** (SS), if needed or General Elective General Elective 15 CR SPRING MATH 418 Mathematical Modeling MATH 425 Scientific Computer Programming	3 3 REDITS

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 301 Mathematical Structures,

MATH 321 Differential Equations,

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