

Appendix: Transfer Equivalencies and Program Requirements - Bermuda College AS-ACTSC to StFX BSc Math Major (Actuarial Science Concentration)

This table identifies how courses transferred from Bermuda College will be used to meet StFX degree requirements and shows which courses students will be expected to take at StFX

Bermuda College Courses			StFX Actuarial		
BC Course #	BC Course name	Credits earned at BC	StFX course #	StFX Course Name	Credits earned at StFX
Major Requirements (Science A 36 credits) - Math			Major Requirements (Science A 36 Credits) - Math		
MAT 1152	Calculus 1	3	MATH 106	Calculus 1	Transfer
MAT 2201	Calculus 2	3	MATH 107	Calculus 2	Transfer
MAT 2220	Multivariable Calculus	3	MATH 267	Calculus 3	Transfer
MAT 2210	Linear Algebra	3	MATH 253	Matrix Algebra	Transfer
MAT 2240	Elementary Differential Equations	3	MATH 367	Differential Equations	Transfer
MAT 2234	Statistics 2	3	STAT 231	Statistics for Students in the Sciences	Transfer
			MATH 236	Data Modeling for Business	3
			STAT 333	Introductory Probability Theory	3
			STAT 334	Mathematical Statistics	3
			MATH 277	Discrete Structures	3
			Math Electives		6
			MATH 491	Senior Seminar	0
		18			18
Approved electives (18 credits)			Approved electives (18 credits)		
ASC 1101	Introduction to Actuarial Science	3	MATH 293	Math Elective	Transfer
ACC 1135	Accounting 1	3	BSAD 221	Introductory Financial Accounting	Transfer
			STAT 331 or 435	Statistical Methods or Regression Analysis	3
			STAT 445	Statistical Learning and Data Mining (recommended)	3
			BUSI 241	Financial Management 1	3
			BUSI 342	Financial Management 2	3
		6			12
Science B (12 credits)			Science B (12 credits)		
CS 1130	Data Management	3	CSO 275	Database Management Systems	Transfer
CS 1155, 2231, 2278, 2290, or 2297		3	CSO		Transfer
CS 1155, 2231, 2278, 2290, or 2297		3	CSO		Transfer
			CSO		3
		9			3
Science C (6 credits)			Science C (6 credits)		
			BIOL/CHEM/ESC/PHYS		3
			BIOL/CHEM/ESC/PHYS		3
		0			6
Arts requirements (18 credits)			Arts requirements (18 credits)		
ENG 1111	Freshman English	3	ENGL 111	Literature and Academic Writing 1	Transfer
ENG 1112/ENG 1115	Literary Analysis or Professional Writing	3	ENGL 112	Literature and Academic Writing 2 or ENGL 193	Transfer
ECO 1101	Principles of Microeconomics	3	ECON 101	Introductory Microeconomics	Transfer
ECO 1102	Principles of Macroeconomics	3	ECON 102	Introductory Macroeconomics	Transfer
			ECON or ENGL		6
		12			6
Open Electives (30 credits)			Open Electives (30 credits)		
MAT 2233	Statistics 1	3	STAT 193	Statistics Elective	Transfer
CS 1125	Introduction to Computers and Information Technology	3	ELEC 193	General Elective	Transfer
Humanities 1100 or higher		3	ARTS		Transfer
Acc, Math, Management, OS, Insurance, or Law courses of choice		3			Transfer
Acc, Math, Management, OS, Insurance, or Law courses of choice		3			Transfer
			Open Electives		15
		15			15
	Total BC credits	60		Total StFX credits	60

Notes:

While this agreement is for transfer into the StFX BSc Major in Math, students may be eligible for transfer into the BSc Advanced Major or Honours in Math with Actuarial Science Concentration. Students should discuss requirements for Advanced Major and Honours with a StFX academic advisor.

To fulfill the breadth requirements of the StFX BSc degree, students should take a total of 9 credits of OS at Bermuda College. Students will be required to take 3 additional credits of Computer Science at StFX. In addition, at StFX students will be required to take 6 credits from one of the following disciplines: Biology, Chemistry, Earth Science, or Physics.

Students must take Math 277 Discrete Structures in their first semester at StFX.

StFX Transfer Notes:

- All University-level courses will be transferred. Course without equivalencies (e.g. Insurance courses) will be transferred as General Electives (ELEC)
- Students who have graduated with the AS-ACTSC will be granted 60 transfer credits.