

MATHEMATICAL SCIENCES MAJOR PROGRAM CHART

UNIVERSITY REQUIREMENTS	
Minimum Academic Credit	15 Units
Residency	8 Units
Humanities and Arts	2 Units
Interactive Qualifying Project	1 Unit
Major Qualifying Project	1 Unit
Social Science	2/3 Unit
Physical Education	1/3 Unit

FOUNDATION COURSES

INTRODUCTORY COURSES	TRANSITION COURSES (1 Unit Required)	CORE COURSES (4/3 Unit Required)
MA 1021-1024 or MA 1031-1034 MA 2051 MA 2071 MA 2201 MA 2251 MA 2611	MA 2073 MA 2271* MA 2273* MA 2431 MA 2631	Both MA 3831 and MA 3832 One of MA 3257 or MA 3457 One of MA 3823* or MA 3825*

OTHER MA COURSES TO ATTAIN TOTAL OF 6 UNITS:

ACTUARIAL MATH	ANALYSIS	ALGEBRA	DISCRETE MATH	COMPUTATIONAL MATH	OPERATIONS RESEARCH	STATISTICS/PROBABILITY
MA 3211 MA 3212 MA 4213* MA 4214*	MA 2431 MA 3471* MA 3475* MA 4291 MA 4451 MA 4473*	MA 2073 MA 3823* MA 3825*	MA 2271* MA 2273* MA 3233*	MA 3257 MA 3457 MA 4411*	MA 3231 MA 3233* MA 4235* MA 4237*	MA 2612 MA 2621 MA 2631 MA 3627* MA 3631 MA 4214* MA 4631 MA 4632 MA 4658

OTHER REQUIREMENTS	
Computer Science Courses	2/3 Unit

* Category II courses, offered in alternating years.

ACTUARIAL MATHEMATICS MAJOR PROGRAM CHART

UNIVERSITY REQUIREMENTS	
Minimum Academic Credit	15 Units
Residency	8 Units
Humanities and Arts	2 Units
Interactive Qualifying Project	1 Unit
Major Qualifying Project	1 Unit
Social Science	2/3 Unit
Physical Education	1/3 Unit

FOUNDATION COURSES

INTRODUCTORY COURSES	TRANSITION COURSES (2/3 Unit Required)	CORE COURSES (4/3 Unit Required)	ACTUARIAL COURSES (1 Unit Required)
MA 1021-1024 or MA 1031-1034 MA 2051 MA 2071 MA 2251 MA 2611	MA 2073 MA 2271* MA 2273* MA 2431 MA 2631	Both MA 3831 and MA 3832 One of MA 3257 or MA 3457 One of MA 3631 or MA 4632	MA 3211 MA 3212 MA 4213* MA4214*

OTHER MA COURSES TO ATTAIN TOTAL OF 6 UNITS:

ACTUARIAL MATH	ANALYSIS	ALGEBRA	DISCRETE MATH	COMPUTATIONAL MATH	OPERATIONS RESEARCH	STATISTICS/PROBABILITY
MA 3211 MA 3212 MA 4213* MA 4214*	MA 2431 MA 3471* MA 3475* MA 4291 MA 4451 MA 4473*	MA 2073 MA 3823* MA 3825*	MA 2271* MA 2273* MA 3233*	MA 3257 MA 3457 MA 4411*	MA 3231 MA 3233* MA 4235* MA 4237*	MA 2612 MA 2621 MA 2631 MA 3627* MA 3631 MA 4214* MA 4631 MA 4632 MA 4658

OTHER REQUIREMENTS

Computer Science (2/3 Unit Required)	School of Business (4/3 Unit Required)	
	Required	Suggested
	ACC 2101	BUS 1010
	FIN 2200	BUS 2060
		BUS 2080
		FIN 2250*
		FIN 2260
		OIE 3460
		OIE 3501

* Category II courses, offered in alternating years.