SAMPLE SCHEDULE

Bachelor of Science in Mathematics: Actuarial Science Specialization

		Firs	st Year		
	Fall			Spring	
Number	Title	Hours	Number	Title	Hours
WU 101	Washburn Experience	3	XXX	Arts and Humanities	3
EN 101	Introduction to College Writing	3	XXX	Institutional: Inclusion and Belonging	3
LIV 101	introduction to conege writing			(recommend BI 203/260 to also count as NSD hrs)	
MA 151	Calculus I	5	MA 152	Calculus II	5
MA 140	Introduction to Statistics	3	MA340/341	ANOVA (even yrs)/NonParam (odd yrs)	3
			/NSD	(only one is required, take NSD elective otherwise)	
Total Hours		14	Total Hours		14
		Seco	nd Year		-
	Fall			Spring	
Number	Title	Hours	Number	Title	Hours
XXX	Natural & Physical Science	5	XXX	Social and Behavioral Sciences	3
	(take a course that will also count as NSD hrs)	,		Social and Benavioral Sciences	
EC 200	Microeconomics	3	NSD	Natural Science elective	3
CN XXX	Communications	3	EC 201	Macroeconomics	3
EN 200	Intermediate College Writing	3	AC 224	Financial Accounting	3
MA 253	Calculus III	3	MA340/341	ANOVA (even yrs)/NonParam (odd yrs)	3
			/NSD	(only one is required, take NSD elective otherwise)	
Total Hours 17		17	Total Hours	5	15
		Thi	rd Year		
	Fall			Spring	
Number	Title	Hour	s Number	Title	Hours
NSD	Institutional: Scientific Literacy	3	EN 3XX	Upper-Division College Writing	3
	(take a course that will also count as NSD hrs)				
				l =	3
XXX	Arts and Humanities	3	BU 374	Principles of Risk and Insurance	,
XXX MA 344/	Mathematical Statistics (odd years)/	3	BU 374 MA 347/	Stochastic Processes (even years) /	3
	Mathematical Statistics (odd years)/ Theory of Interest (even years)*				-
MA 344/	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/		MA 347/	Stochastic Processes (even years)/	
MA 344/ MA 384	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years)	3	MA 347/ MA 385 MA 345/ MA 348	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) / Time Series (odd years)	3
MA 344/ MA 384 MA 301/	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/	3	MA 347/ MA 385 MA 345/	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) /	3
MA 344/ MA 384 MA 301/ MA 346	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Managerial Accounting	3	MA 347/ MA 385 MA 345/ MA 348 NSD	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) / Time Series (odd years) Natural Science elective	3
MA 344/ MA 384 MA 301/ MA 346 AC 225	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Managerial Accounting	3 3 3 15	MA 347/ MA 385 MA 345/ MA 348 NSD	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) / Time Series (odd years) Natural Science elective	3 3
MA 344/ MA 384 MA 301/ MA 346 AC 225	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Managerial Accounting	3 3 3 15	MA 347/ MA 385 MA 345/ MA 348 NSD Total Hor	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) / Time Series (odd years) Natural Science elective	3 3
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MA 344/ MA 384 MA 301/ MA 346 AC 225 Total Hou MA 344/ MA 384	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Managerial Accounting JITS Fall Mathematical Statistics (odd years)/ Theory of Interest (even years)*	3 3 15 Fou	MA 347/ MA 385 MA 345/ MA 348 NSD Total Hourth Year MA 345/ MA 348	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) / Time Series (odd years) Natural Science elective urs Spring Math Stats II (even years) / Time Series (odd years)	3 3 3 15
MA 344/ MA 384 MA 301/ MA 346 AC 225 Total Hou MA 344/ MA 384 MA 301/	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Managerial Accounting urs Fall Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/	3 3 15 Fou	MA 347/ MA 385 MA 345/ MA 348 NSD Total Hourth Year MA 345/ MA 348 MA 347	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) / Time Series (odd years) Natural Science elective urs Spring Math Stats II (even years) / Time Series (odd years) Stochastic Processes (even years) /	3 3 3 15
MA 344/ MA 384 MA 301/ MA 346 AC 225 Total Hou MA 344/ MA 384 MA 301/ MA 346	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Managerial Accounting JITS Fall Mathematical Statistics (odd years)/ Theory of Interest (even years)*	3 3 15 Fou	MA 347/ MA 385 MA 345/ MA 348 NSD Total Hourth Year MA 345/ MA 348 MA 347 MA 385	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) / Time Series (odd years) Natural Science elective urs Spring Math Stats II (even years) / Time Series (odd years)	3 3 3 15
MA 344/ MA 384 MA 301/ MA 346 AC 225 Total Hou MA 344/ MA 384 MA 301/ MA 346 BU 381	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Managerial Accounting urs Fall Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Business Finance	3 3 15 Fou 3 3	MA 347/ MA 385 MA 345/ MA 348 NSD Total Hourth Year MA 345/ MA 348 MA 347 MA 385 BU 483	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) / Time Series (odd years) Natural Science elective urs Spring Math Stats II (even years) / Time Series (odd years) Stochastic Processes (even years) / Actuarial Math (odd years) Investments	3 3 15 3 3 3
MA 344/ MA 384 MA 301/ MA 346 AC 225 Total Hou MA 344/ MA 384 MA 301/ MA 346	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Managerial Accounting Fall Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years)	3 3 15 Fou	MA 347/ MA 385 MA 345/ MA 348 NSD Total Hourth Year MA 345/ MA 348 MA 347 MA 385 BU 483 NSD 3XX	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) / Time Series (odd years) Natural Science elective urs Spring Math Stats II (even years) / Time Series (odd years) Stochastic Processes (even years) / Actuarial Math (odd years) Investments Upper Division Natural Science elective	3 3 3 15
MA 344/ MA 384 MA 301/ MA 346 AC 225 Total Hou MA 344/ MA 384 MA 301/ MA 346 BU 381	Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Managerial Accounting urs Fall Mathematical Statistics (odd years)/ Theory of Interest (even years)* Linear Algebra (odd years)/ Regression Analysis (even years) Business Finance	3 3 15 Fou 3 3	MA 347/ MA 385 MA 345/ MA 348 NSD Total Hourth Year MA 345/ MA 348 MA 347 MA 385 BU 483	Stochastic Processes (even years) / Actuarial Math (odd years) Math Stats II (even years) / Time Series (odd years) Natural Science elective urs Spring Math Stats II (even years) / Time Series (odd years) Stochastic Processes (even years) / Actuarial Math (odd years) Investments	3 3 15 3 3 3

^{*} Take Society of Actuary Exam (SOA) FM after taking MA 384. Take SOA exam P after taking MA 344.

30 hours in Natural Sciences (15 hours in one Department) are required. A minor can be obtained with careful selection of courses. The minor must be declared in the respective Department (Physics, Chemistry, Biology, Computer Science).

Adding BU 345 Human Resources (3) completes a Business minor. Declare with School of Business. Adding BU 378 Life and Health Insurance (3) completes the Kansas Insurance Certificate. Contact SOBU for information.