

SAMPLE SCHEDULE

Bachelor of Arts in Mathematics: Actuarial Science Specialization

First Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
WU 101	Washburn Experience	3	EN 101	Introduction to College Writing	3
FL 101	Foreign Language I	4	FL 102	Foreign Language II	4
MA 151	Calculus I	5	MA 152	Calculus II	5
MA 140	Introduction to Statistics	3	MA340/ MA 341	ANOVA (even yrs)/NonParam (odd yrs) (only one is required, take elective otherwise)	3
Total Hours		15	Total Hours		15

Second Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
XXX	Natural & Physical Science	5	XXX	Arts and Humanities	3
EC 200	Microeconomics	3	XXX	Social and Behavioral Sciences	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/ MA 341	ANOVA (even yrs)/NonParam (odd yrs) (only one is required, take elective otherwise)	3
Total Hours		17	Total Hours		15

Third Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
XXX	Institutional: Scientific Literacy	3	EN 3XX	Upper-Division College Writing	3
XXX	Arts and Humanities	3	BU 374	Principles of Risk and Insurance	3
MA 344/ MA 384	Mathematical Statistics (odd years)/ Theory of Interest (even years)*	3	MA 347 MA 385	Stochastic Processes (even years) / Actuarial Math (odd years)	3
MA 301/ MA 346	Linear Algebra (odd years)/ Regression Analysis (even years)	3	MA 345/ MA 348	Math Stats II (even years) / Time Series (odd years)	3
AC 225	Managerial Accounting	3	XXX	Institutional: Inclusion and Belonging	3
Total Hours		15	Total Hours		15

Fourth Year					
Fall			Spring		
Number	Title	Hours	Number	Title	Hours
MA 344/ MA 384	Mathematical Statistics (odd years)/ Theory of Interest (even years)*	3	MA 345/ MA 348	Math Stats II (even years) / Time Series (odd years)	3
MA 301/ MA 346	Linear Algebra (odd years)/ Regression Analysis (even years)	3	MA 347 MA 385	Stochastic Processes (even years) / Actuarial Math (odd years)	3
BU 381	Business Finance	3	BU 483	Investments	3
3XX	Upper Division University course (BU 345 Human Resources Management will complete requirements for a Business minor)	3	3XX	Upper Division University course (BU 378 Life and Health Insurance will complete requirements for a Kansas Insurance Certificate)	3
			XXX	Elective course	1-2
Total Hours		15	Total Hours		13-14

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

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.