

Northern Illinois University
Department of Mathematical Sciences
Division of Statistics

SAMPLE PROGRAM OF STUDY
(Starting with MATH 229 – Calculus I)
BS (MATH) – Emphasis #6 - Actuarial Science

Updated: October 2012

Year	Fall		Spring		Summer
Freshman	COMS 100*	3 hrs	CSCI 240	4 hrs	
	ECON 260**	3 hrs	ECON 261**	3 hrs	
	ENGL 103*	3 hrs	ENGL 104*	3 hrs	
	MATH 229	4 hrs	MATH 230	4 hrs	
	Dist. Studies †	3 hrs	Dist. Studies †	3 hrs	
	Total = 16 hrs		Total = 17 hrs		
Sophomore <i>(Able to take Exam FM/2 – after Spring semester)</i>	ACCY 288	3 hrs	ACCY 306	3 hrs	
	MATH 232	4 hrs	FINA 320	3 hrs	
	MATH 360	3 hrs	MATH 240	4 hrs	
	STAT 350	3 hrs	STAT 473/473A	4 hrs	
	STAT 382	4 hrs	Dist. Studies †	3 hrs	
	Total = 17 hrs		Total = 17 hrs		
Junior <i>(Able to take Exam P/1 – after Spring semester)</i>	FINA 330	3 hrs	MATH 430	3 hrs	Possible Internship
	FINA 340	3 hrs	STAT 481	3 hrs	
	STAT 470	3 hrs	STAT 483	4 hrs	
	STAT 478	3 hrs	STAT 485	3 hrs	
	Dist. Studies †	3 hrs	Dist. Studies †	3 hrs	
	Total = 15 hrs		Total = 16 hrs		
Senior <i>(Able to take Exam MLC/3L – starting Spring semester)</i>	ENGL 308‡	3 hrs			
	STAT 486	3 hrs	STAT 472‡	3 hrs	
	Dist. Studies †	8 hrs	Elective	5 hrs	
	Total = 14 hrs		Total = 8 hrs		

* Hours in Core Competency (General Education)	= 9
† Hours in Distributive Studies Area (General Education)	= 23
** Hours in Actuarial Science Emphasis that also count in Distributive Studies Area	= 6
Other hours in Actuarial Science Emphasis	= 71
‡ Hours from recommended (not required) courses	<u>6</u>
Minimum number of semester hours (required and recommended) for Actuarial Science	= 115
Additional elective hours	= <u>5</u>
Minimum Number of semester hours (required and recommended) for BS (MATH) – Actuarial Science.	= 120

Note: students have the option to move some courses like ECON 260, COMS 100 to the summer semesters.