

Northern Illinois University
Department of Mathematical Sciences
Division of Statistics

SAMPLE PROGRAM OF STUDY

(Starting with MATH 229 – Calculus I)

BS (MATH) – Emphasis #4 – Probability and Statistics

Updated: October 2012

Year	Fall		Spring		Summer
Freshman	COMS 100*	3 hrs	CSCI 240	4 hrs	
	ENGL 103*	3 hrs	ENGL 104*	3 hrs	
	MATH 229	4 hrs	MATH 230	4 hrs	
	Dist. Studies	6 hrs	Dist. Studies	6 hrs	
	<i>Total = 16 hrs</i>		<i>Total = 17 hrs</i>		
Sophomore	MATH 232	4 hrs	MATH 240	4 hrs	
	MATH 360	3 hrs	STAT 350	3 hrs	
	Dist. Studies	9 hrs	Dist. Studies	8 hrs	
		<i>Total = 16 hrs</i>		<i>Total = 15 hrs</i>	
Junior	STAT 470	3 hrs	STAT 473	3 hrs	
	Electives	12 hrs	STAT 473A	1 hr	
			Electives	12 hrs	
		<i>Total = 15 hrs</i>		<i>Total = 16 hrs</i>	
Senior	STAT 474	3 hrs	MATH 430	3 hrs	
	STAT 478	3 hrs	STAT 472	3 hrs	
	Electives	7 hrs	Electives	6 hrs	
		<i>Total = 13 hrs</i>		<i>Total = 12 hrs</i>	

* Hours in Core Competency (General Education)	= 9
Hours in Distributive Studies Area (General Education)	= 29
Elective Hours	= 37
Hours in Probability and Statistics	= <u>45</u>
Minimum Number of semester hours for BS (MATH) – Probability and Statistics	= 120

Notes: Students may have the option to move some of their courses (like STAT 350, COMS 100) to summer semesters.