

MATHEMATICAL DECISION SCIENCES - BS (123 hours) Effective 2015		
NAME	PID	Optional 2 nd Major or Minor

FOUNDATIONS

English Comp. and Rhetoric	Foreign Language* HSFL(s) _____	Quant. Reas. (QR)	Lifetime Fitness (LFIT)
	1.	3.	(1 hr.)
	2.	4.	

* Through Level 3

APPROACHES

Phys. and Life Sciences (PL/PX) ***	Social and Behavioral Sciences	Humanities/Fine Arts
	Hist. Analysis (HS):	Vis. & Perf. Arts (VP):
w/ lab	Soc. Sci./Hist. Analysis (SS/HS): ****	Literary Arts (LA):
	Soc. Sci./Hist. Analysis (SS/HS):	Phil. Reasoning (PH):

*** At least one with lab

****ECON 101 is recommended, not required.

CONNECTIONS

Communication Int. (CI)	Quant. Int. (QI) or 2nd Quant. Reas. (QR)	Experiential Ed. (EE)	Global Issues (GL)
	MATH 231		
US Diversity (US)	North Atlantic World (NA)	World before 1750 (WB)	Beyond the NA (BN)

MAJOR/MINOR/ELECTIVES

Additional Requirements (6 courses)	Mathematics, Statistics & Operations Research (10 courses) ♦♦			
STOR 155**	STOR 415	Group A (#)		
**	STOR 435	Group A (#)		
MATH 231	STOR 445	Group A (#)		
MATH 232	STOR 455	Group A or B (#)		
MATH 233	MATH 547	Group A or B (#)		
COMP ♦				

♦ Comp 116 (110 may be substituted)

♦♦ 18 hours ≥ C (not C-) required in core.

**Prospective mathematical decision sciences majors are encouraged to take STOR 155 and STOR 215 or MATH 381 as early as possible in their college careers. Each has a prerequisite of MATH 110 or its equivalent and may be taken before, or concurrently with, MATH 231.

-It is recommended that all mathematical decision sciences majors take ECON 101 as a social and behavioral sciences Approaches course. Students interested in the actuarial profession also should take BUSI 101 as a general elective.

-Students wishing to prepare for an actuarial career should include STOR 471, 472, 555, and 556 from Group A in their program and take ECON 410 and 420 and BUSI 408 and 588 as electives. Students who plan to attend graduate school in the mathematical decision sciences (e.g., in operations research or statistics) should include in their program COMP 401, STOR 555, 565, and MATH 521.

Five courses from Group A and Group B, including at least three courses from Group A.

-Group A courses: STOR 305, 465, 471, 472, 515, 555, 556, 565

-Group B courses: BIOL 526; BIOS 664; BUSI 408; COMP 401, 410; MATH 383, 521, 522, 523, 524, 548, 566 ; STRO 582

Remaining courses after this term:	Hours to be deducted:	Hours Tally:	Notes:
___ Foundations	Repeated courses	Hours to date:	
___ Approaches	HSFL	Hours in progress*:	
___ Connections	Online courses > 24	Subtotal	
___ Supplemental	Online in Major/minor > 6	Hours deducted	
___ (hrs C ___)	Professional School > 24	Hours after this term	
___ (hrs C ___)	Hours in subject (BA) > 45	Hours remaining to grad	
___ (hrs C ___)	Total	Semesters left	
___ Requirements subtotal			
___ Total			
		*Include pending study abroad hours	

This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps