Roadmap B.S. in Mathematics: Statistics option

YEAR 1: FALL			YEAR 1: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
MATH 75 (LD GE B4)[0]	4	CRT/ALEKS PPL	**MATH 76**	4	MATH 75/(75A&B)
CSCI 40	4	MATH 75 (Conc. OK)	**MATH 101**	4	MATH 75/(75A&B)
LD GE A1	3		**PHYS 4A+4AL** (B1+ B3)[0]	4	MATH 76 (Conc. OK)
LD GE A3	3		**LD GE E**	3	
TOTAL UNITS	14		**TOTAL UNITS**	15	

YEAR 2: FALL			YEAR 2: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
MATH 77	4	MATH 76	**MATH 81**	3	MATH 77
MATH 111	4	MATH 76	**MATH 106**[2]	3	See table below
LD GE C1	3	See table below	**LD GE B2**	3	
LD GE A2	3		**LD GE C2**	3	
			HIST 11 or 12 (D1)	3	
TOTAL UNITS	14		**TOTAL UNITS**	15	

YEAR 3: FALL			YEAR 3: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
MATH 152[1]	4	MATH 77	**MATH 151**[1] **or 171**[1]	4	MATH 111; and MATH 152 (for MATH 151)
MATH 107[2]	3	MATH 77	**MATH 193C**[2] (Spring only)	1	MATH 106 and 107 (Math 106 Conc. OK)
MATH 105[2] **or MATH Elective**[2]	3/4	See table below	**MATH 108**[2] **or MATH Elective** [2]	3/4	See table below
LD GE C1 or C2	3		**LD GE D2**	3	
PL SI 2 (US & Ca Govt)	3		**LD GE F**	3	
TOTAL UNITS	16/17		**TOTAL UNITS**	14/15	

YEAR 4: FALL			YEAR 4: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
MATH 171[1] **or 151**[1]	4	MATH 111; and MATH 152 (for MATH 151)	**UD GE IB**	3	
MATH 105[2] **or/and 109**[2]	3	See table below	**UD GE IC**	3	
Free Elective	3		**Writing course** (if writing requirement is not satisfied yet)	3	
UD GE ID[0]	3		**Free Elective or MATH 190 or MATH 198**	3	
UD MI[0]	3		**Free Elective** (if needed)	4	
TOTAL UNITS	16		**TOTAL UNITS**	16	

[0] 3 units of MATH 75 (or MATH 75A) also will satisfy the G.E. Foundation B4 requirement.

[0] PHYS 4AL is not required for this option in the math major. If students wish to include PHYS 4A as a General Education Breadth course, they must also take PHYS 4AL.

[0] Consider taking ANTH 105W (UD MI) or ANTH 116W (UD GE ID) to satisfy your upper division Writing Skills Requirement.

[1] It is suggested to take MATH 81 before taking MATH 152.

[1] Taking MATH 116 before taking MATH 151 has been found beneficial.

[1] Taking at least one of the courses MATH 161, 128, or 165 before taking MATH 171 has been found beneficial

[2] The MATH Electives for the STATISTICS option are: MATH 106, 107, 193C. Two courses from the following list: MATH 105, 108, 109.

*Plus one free MATH elective (any 3-4 unit mathematics course, upper division or graduate, excluding MATH 100, 102, 133, 134, 137, 138, 139. Special conditions apply for graduate courses.) **Meet often with your academic advisor from the Department of Mathematics.**

Course Number	Course Title	Prereq	Semester
MATH 105	Statistical Programming and Data Analysis	MATH 11 or 101	Fall only
MATH 106	Applied Linear Statistical Models	MATH 75 /(75A&B), and MATH 11 or 101	Spring only
MATH 107	Mathematical Statistics	MATH 77 (concurrently OK)	Fall only
MATH 108	Advanced Mathematical Statistics	MATH 107	Spring only
MATH 109	Applied Probability	MATH 107	Fall only
One Math Elective*			