

## Road Map B.S. in Mathematics: Integrated Credential option

YEAR 1: FALL			YEAR 1: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
MATH 76	4	MATH 75/(75A & B)	MATH 77	4	MATH 76
MATH 143	4	MATH 75	MATH 111	4	MATH 76
LD GE A1	3		PHYS 4A/4AL (B1/ B3) <sup>0</sup>	4	MATH 76 (Conc. OK)
LD GE A2	3		LD GE C2	3	
LD GE C1	3				
<b>TOTAL UNITS</b>	17	(9 GE)	<b>TOTAL UNITS</b>	15	(7 GE)

YEAR 2: FALL			YEAR 2: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
MATH 81	3	MATH 77	MATH 152 <sup>1</sup>	4	MATH 77
MATH 101	4	MATH 111	MATH 161	3	MATH 111
LD GE B2	3		MATH Elective <sup>2</sup>	4	
LD GE C1/C2	3		PL SI 2 (LD GE D2)	3	
HIST 11 or 12 (D1)	3		LD GE D3	3	
<b>TOTAL UNITS</b>	16	(9 GE)	<b>TOTAL UNITS</b>	17	(6 GE)

YEAR 3: FALL			YEAR 3: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
MATH 151 <sup>1</sup>	4	MATH 111	MATH 171 <sup>1</sup>	4	MATH 111
MATH 145	3	MATH 75	MATH 191T (in Teaching Mathematics)	1	MATH 111 and at least one of MATH 101, 143, 145
CSCI 40	4	MATH 75	MATH 149S	4	MATH 151; 161 and 171 (conc. OK)
LD GE E	3		CI 151	3	
LD GE IB	3		CI 152	3	
<b>TOTAL UNITS</b>	17	(6 GE)	<b>TOTAL UNITS</b>	15	

YEAR 4: FALL			YEAR 4: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
ANTH 105W <sup>0</sup> (MI)	3		SPED 158	3	
CI 161	3		LEE 156	3	
LEE 157	3		EHD 154B	1	
EHD 154A	1		EHD 155B	10	
EHD 155A	4				
UD GE IC	3				
<b>TOTAL UNITS</b>	17	(3 GE)	<b>TOTAL UNITS</b>	17	

**Notes: Students attempting this option will already have completed Calculus I (MATH 75<sup>0</sup>) through AP Calculus AB.**  
6 units of GE requirements are waived (A3 and ID) for the Integrated Credential Option.

<sup>0</sup>3 units of MATH 75 (or MATH 75A) also will satisfy the G.E. Foundation B4 requirement.

<sup>0</sup>**PHYS 4AL is required for this option in the math major.** PHYS 4A + 4AL will satisfy the G. E. Breadth B1/B3 requirement.

<sup>0</sup>Students in the Integrated Teaching option are required to take ANTH 105W as MI and writing course.

<sup>1</sup> It is suggested to take MATH 81 before taking MATH 152.

<sup>1</sup> It is suggested to take MATH 152 and/or MATH 116 before taking MATH 151.

<sup>1</sup> It is suggested to take MATH 161, 128, and/or 165 before taking MATH 171.

<sup>2</sup> The fifth MATH elective can be any 3-4 unit mathematics course, upper division or graduate (excluding MATH 100, 133, 134, 137, 138, 139), or any combination of seminars totaling 3 units. MATH 191T (in Teaching) as Additional Requirement cannot be used for double counting of the requirements. Special conditions apply for graduate courses; see department advisor.

**Advising note: Students should meet with their academic advisor every semester.**