

Roadmap 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
CSM 10 (GE Area 1B)	3		PHYS 4A+4AL (GE Area 5) ⁰	4	MATH 76 (Conc. OK)
GE Area 1A	3		GE Area 3A	3	
GE Area 1C	3				
TOTAL UNITS	17		TOTAL UNITS	15	

YEAR 2: FALL			YEAR 2: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
MATH 81	3	MATH 77	MATH 152 ¹	4	MATH 77
MATH 145 (Fall only)	3	MATH 111	MATH 161 (Spring only)	3	MATH 111
CSCI 40	4	MATH 75	GE Area 4B	3	
GE Area 3B	3		PLSI 2 (US & CA Govt)	3	
GE Area 5B	3		GE Area 6	3	
TOTAL UNITS	16		TOTAL UNITS	16	

YEAR 3: FALL			YEAR 3: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
MATH 151 ¹	4	MATH 111 & 152	MATH 171 ¹	4	MATH 111
MATH 101	4	MATH 75/(75A & B)	MATH 193D (Spring only)	1	MATH 111 and at least one of MATH 101, 143, 145
MATH 123 (UD GE Area 2) ⁰	3	MATH 77	MATH 149S (Spring only)	4	MATH 145, 151, 161 (MATH 161 conc. OK)
HIST 11 or 12 (GE Area 4A)	3		CI 151	3	Admission to Credential Program
			CI 152 (UD GE Area 4) ⁰	3	Admission to Credential Program
TOTAL UNITS	14		TOTAL UNITS	15	

YEAR 4: FALL			YEAR 4: SPRING		
COURSE	UNITS	PREREQ	COURSE	UNITS	PREREQ
ANTH 105W (M/I) ⁰	3		SPED 158 (Spring only)	3	
UD GE Area 3	3		LEE 156 (Spring only)	3	
LEE 157 (Fall only)	3	Conc. with EHD 155A or EHD 155B	EHD 154B	1	Conc. with EHD 155B
EHD 154A	1	Conc. with EHD 155A	EHD 155B	10	EHD 155A, CI 161; Conc. with EHD 154B
EHD 155A	4	Conc. with EHD 154A			
CI 161 (Fall only)	3	CI 152 and Admission to Credential Program			
TOTAL UNITS	17		TOTAL UNITS	17	

Notes: Students attempting this option will already have completed Calculus I (MATH 75⁰) through AP Calculus AB.

6 units of the University Graduation Requirements (areas A/H and S/L) are waived for the Integrated Credential option.

⁰ 3 units of MATH 75 (or MATH 75A) will also satisfy the G.E. Foundation Area 2 requirement.

⁰ **PHYS 4AL is required for this option in the math major.** PHYS 4A + 4AL will satisfy the G. E. Areas 5A+5C requirement.

⁰ MATH 123 will also satisfy the Upper Division G.E. area 2 or 5 requirement (for students in the Integrated Credential option).

⁰ CI 152 will also satisfy the Upper Division G.E. area 4 requirement (for students in the Integrated Credential option).

⁰ Students in the Integrated Credential option are required to take ANTH 105W as a University Graduation Requirement M/I and writing course.

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

¹ Taking MATH 116 or another proofs class before taking MATH 151, and one of MATH 161/128/165 before taking MATH 171 is encouraged.

Advising note: Students should meet with their academic advisor from the Department of Mathematics at least once per year. Students need to **apply to the Single Subject Credential Program by the deadline** during the semester before taking CI courses. Also, students are expected to attend an orientation meeting before they have access to enrolling in CI 151 and CI 152. Students should meet with a credential advisor from the Department of Mathematics early during the Fall semester of year three.