Sample 4-year MATH BS Integrated Teaching (ITEP) Roadmap for EL CAMINO -Cal State LA Transfers				
	Fall	**Spring**	**Instructions**	**Total units**
Year 1 (El Camino)	GE A1	GE A3	In year 1, take as many math courses as you can, as math is hierarchical	
	GE A2	MATH 210 Discrete Math	In year 1, take only GE courses you need, i.e., GE block A and E	
	MATH 150 Statistics	MATH 191 Calculus II	Taking summer courses can expedite your graduation	
	MATH 190 Calculus I Satisfies GE B4	PHY 1A Satisfies GE B1		
		GE US HISTORY		
Year 2 (El Camino)	Total 16 Units	Total 18 Units	Total units	
	MATH 220 Calculus III	GE C1	In GE category C or D Choose one GE course with (re) symbol	
	GE D1	GE C2	Complete ALL lower division major courses (2000 level and below)	
	BIOL 101 Satisfies GE B2	MATH 270 Differential Equations w Linear Algebra		
	GE US CONSTITUTION	GE D2		
	Comp Sci 3 Computer Algebra		Math ITEP students are EXEMPT from taking upper division GE	
	Total 17 Units	Total 15 Units	Summer Bridge	
Year 3 (Cal State LA)	MATH 3450 (4) Foundations of Math II Pre-requisite to most UD math courses	MATH 4460 (3) Number Theory	EDSE 4502* (3) Satisfies UD GE C	
	MATH 3950 (3) Field Experience I* Satisfies UD GE B/cl/ WI	MATH 3960 (2) Field Experience II Satisfies UD GE B/cl/WI	EDSE 5000* (3)	
	EDSP 4000 (3)	Math 2600 (3) Analytic Geometry	EDFN 4131 (3)	
	EDFN 4400 (3) Satisfies (d)/UD GE D	EDCI 4000 (3)	Math 4650 (3) Analysis I	
	MATH 4740 (3) Theories of Probability	EDSE 4301 (3)	*EDSE 4502 and EDSE 5000 requires 15 students or more to be offered	
CREDENTIAL STATUS	Apply to Credential Program while in 3950	Conditional Admission to Credential Program	Formal admission to Credential Program	
	Total 16 Units	Total 14 Units	Total 12 units	**42**
Year 4 (Cal State LA)	MATH 4570 (3) Linear Algebra	EDSE 4453 (5) Student Teaching	Student recommended for Preliminary Credential, only if compliant with all CTC requirements, AND completed all requirements of ITEP (degree & Credential)	
	MATH 4300 (3) Modern Geometry	EDSE 4463 (3) Teaching Assessment		
	EDSE 4292 (3) EDSE 4212M (3) MATH teaching methods course EDSE 5002 (3)	MATH 4901 (4) Capstone course for teachers Satisfies upper division WI requirement and GWAR		
Obtain CSET waiver	Email Dr. Ray for CSET waiver draycha@calstatela.edu			
	Total 15 units	Total 12 Units		27
Grand Total				

Notes:

- This is a SAMPLE roadmap for the 135 semester unit **Math BS Option 3 Integrated Teaching degree (ITEP),** designed to be completed within 4 years (Typically a Degree + Credential takes 5.5 years, such as in Math BS option 4 followed by a credential).
- Utilize this file to design your own roadmap, with advice from math ITEP & Credential advisor (Dr. Raychaudhuri, draycha@calstatela.edu).
- The courses/course offerings might change following program modification. Check Cal State LA Math dept. website and CCOE website respectively, for future math and education course offering plans.