Sample 4-year BS Integrated Teaching *f*ITEP (Fast-track ITEP) Roadmap for Cal State LA Freshmen				
	Fall	**Spring**	**Instructions**	**Total units**
Year 1 (CSULA)	GE A1 (3)	GE A3 (3)	In year 1, take as many major courses as you can	
	GE A2 (3)	MATH 2450 (3) Foundations of Math I	In year 1, take only GE courses you need, i.e., GE block A and E	
	MATH 2740 (3) Statistics	MATH 2120 (4) Calculus II		
	MATH 2110 (4) Calculus I Satisfies GE B4	PHYS 2100 (5) Satisfies GE B1		
	GE E COURSE (3) choose NSS 1001 or a course with (IHE)(cl) symbol	GE US HISTORY (3)		
Year 2 (CSULA)	Total 16 Units	Total 18 Units	Total units	**34**
	MATH 2130 (3) Calculus III	GE C1 (3)	In GE category C or D Choose one GE course with (re) symbol	
	GE D1 (3)	Related Area ELECTIVE (3)	Complete ALL lower division major courses (2000 level and below)	
	BIOLOGY 1100 (5) Satisfies GE B2	MATH 2150 (3) Differential Equations	For RA elective list, consult Dept. advisor or dept. website	
	GE US CONSTITUTION (3)	GE D2 (3)		
	MATH 2170 (3) Intro. to CAS	MATH 2550 (3) Intro. To Linear Algebra	Math ITEP students are EXEMPT from taking upper division GE	
	Total 17 Units	Total 15 Units	Summer Bridge	**32**
Year 3 (CSULA)	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 (2) 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 4650 (3) Analysis I	EDFN 4131 (3)	
	EDFN 4400 (3) Satisfies (d)/UD GE D	EDCI 4000 (3)	GE C2 (3)	
	MATH 4740 (3) Theories of Probability	EDSE 4301 (3)	*EDSE 4502 and EDSE 5000 requires 15 students or more to be offered	
	*Apply to Credential Program while in 3950	Conditionally Admitted to CCOE	Formally admitted to CCOE	
	Total 15 Units	Total 14 Units	Total 12 units	**41**
Year 4 (CSULA)	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		
	Email Dr. Ray for CSET waiver draycha@calstatela.edu			
	Total 15 units	Total 12 Units		27
Grand Total				**134**

Notes:

- This is a SAMPLE roadmap for the 134 semester unit **Math BS Option 3 Fast-Track Integrated Teaching degree (*f*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 fITEP & Credential advisor (Dr. Raychaudhuri, draycha@calstatela.edu).
- The courses/course offerings might change following program modification. Check CalState LA Math dept. website and CCOE website respectively, for future math and education course offering plans.
- For GE courses see http://ecatalog.calstatela.edu/preview_program.php?catoid=26&poid=11201
- Pre-requisite(s) and description for any course can be found at http://ecatalog.calstatela.edu/content.php?catoid=26&navoid=2726