Sample Roadmap for GE Certified Transfer Students who have taken a year of General chemistry, a year of calculus, a year of biology for majors, a year of physics and a year of organic chemistry (lecture and lab) in the Bachelor of Science Degree in

BIOCHEMISTRY (Total 120 Units)[a]

	Fall_____	Spring_____	Total Units
Year 1	CHEM 3200 (4) Organic Chem.	CHEM 3100 (3)[d] Writing	
	CHEM 2300 (2) Intro. Biomol.	CHEM 3500 (4) Quant. Analysis	
	CHEM 3600 (4) Inorg. Chem.	CHEM 4420 (3) Physical Chem.	
	UD GE Block C or D (3)	UD GE Block C or D (3)	
	Total 13 Units	**Total 13 Units**	**26**
Year 2	CHEM 4310 (3) Biochem. I	CHEM 4320 (3) Biochem. II	
	CHEM 4311 (2) Biochem. Lab	CHEM 4321 (2) Biochem. lab	
	CHEM UD elective (4)[f]	CHEM 4890 (3)[e,g] Capstone	
		CHEM UD elective (3)[f]	
	Total 9 Units	**Total 11 Units**	**20**
	GRAND TOTAL		**46**

Revised date: 11/3/17

NOTE: a summary of what courses are prerequisites to others is found in a separate document

a. Effective Fall, 2018, transfer students must meet additional admissions criteria, listed here: http://www.calstatela.edu/admissions/major-specific-criteria

d. This course must be taken before CHEM 4311 and CHEM 4890

e. Prerequisites: Completion of Blocks A and B4, an additional course from Block B, and at least one course each from blocks C and D, and CHEM 3100

f. Students must take a minimum of 2 units of coursework listed under Chemistry and a minimum of 2 units of coursework listed under Biology and Microbiology totaling 7 units which may include a maximum of 1 unit of CHEM 499.

g. GE "double counting": This roadmap already incorporates double counting, so if you follow this roadmap, you won't be taking unnecessary general education courses. CHEM 4890 is required and satisfies your UD GE B requirement, saving you 3 more units of UD GE coursework.

Additional GE requirements: One GE course must have an “re” designation (race/ethnicity) and another GE course must have either an “re” or “d” (diversity) designation. One GE course must have a “wi” designation. Note that some GE courses may have more than one designation (such as cl and d) and that course CAN be used to satisfy both requirements