College of Natural, Applied and Health Sciences/School of Natural Sciences

B.A. Chemistry Teacher Certification Option (72197)

4 Year Plan

8/28/2019

Kean University 120 S.H.

								Recommended Credits	
Year **01**	*Fall*	GE 1000 Transition to Kean	ENG 1030 College Composition	COMM 1402 Speech Communication	MATH 1000 College Algebra	PSY 1000 Psychology	Humanity Distribution Course	13 (16)	
	Winter								
	Spring	HIST 1062 World of History	MATH 1054 Pre-Calculus	CHEM 1083 General Chemistry I	BIO 1500 Essentials of Biology for Ed	SOC 1000 or ANT 1800		16	
	Summer								
Year **02**	*Fall*	ENG 2403 World Literature	GE 2024 Research and Technology	MATH 2415 Calculus I	CHEM 1084 General Chemistry II	PSY 2100 Psych of Adolesence		17	
	Winter								
	Spring	MATH 2416 Calculus II	PHYS 2095 Physics I	CHEM 2581 Organic Chemistry	EMSE 2801 Clinical Experience	CHEM 2581L Organic Chemistry Lab		15	
	Summer								
Year **03**	*Fall*	PHYS 2197 Physics III	CHEM 2283 Quantitative Analysis	CHEM 2582 Organic Chemistry II	Humanity Distribution Course	CHEM 2582L Organic Chemistry II Lab		15	
	Winter								
	Spring	CHEM 3284 Instrumental Analysis	BCHM 4115 Biochemistry	ES 1000 Observing the Earth	EMSE 3122 Technology in Education	CHEM 4908 Seminar in Chemistry		16	
	Summer								
Year **04**	*Fall*	EDUC 3000 Curriculum, Eval and Learner	EDUC 2401 Lang Arts/Reading K-12	EMSE 3230 Science Education K-12	EMSE 4711 Clinical II in Subj Area P-12	ID 2502 Human Exceptionality	EMSE 3903 Teaching ELL	16	
	Winter								
	Spring	EDUC 4000 Teacher and Classroom Professional EDU Capstone	EMSE 4811 Clinical III Professional Internship K-12					13	
		Please see the Curriculum Sheet for this program via Quick Links on the Kean University home page.					**TOTAL REQUIRED**	**120**	