

**The Dorothy & George Hennings College of Science, Mathematics, and Technology**  
**B.A. Chemistry Education (72190)**

12/6/2022

							<b>Kean University 120 S.H.</b>		
							<i>Recommended Credits</i>		
<b>Year 01</b>	<i>Fall</i>	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)	
	<i>Winter</i>								
	<i>Spring</i>	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	
	<i>Summer</i>								
<b>Year 02</b>	<i>Fall</i>	ENG 2403 World Literature	GE 2024 Research and Technology	MATH 2415 Calculus I	CHEM 1084 General Chemistry II	PSY 2100 Psych of Adolescence		17	
	<i>Winter</i>								
	<i>Spring</i>	MATH 2416 Calculus II	PHYS 2095 Physics I	CHEM 2581 Organic Chemistry	EMSE 2801 Clinical Experience	CHEM 2581L Organic Chemistry Lab		15	
	<i>Summer</i>								
<b>Year 03</b>	<i>Fall</i>	PHYS 2197 Physics III	CHEM 2283 Quantitative Analysis	CHEM 2582 Organic Chemistry II	Humanity Distribution Course	CHEM 2582L Organic Chemistry II Lab		15	
	<i>Winter</i>								
	<i>Spring</i>	CHEM 3284 Instrumental Analysis	BCHM 4115 Biochemistry	ES 1000 Observing the Earth	EMSE 3122 Technology in Education	CHEM 4908 Seminar in Chemistry		16	
	<i>Summer</i>								
<b>Year 04</b>	<i>Fall</i>	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	
	<i>Winter</i>								
	<i>Spring</i>	EDUC 4000 Teacher and Classroom Professional EDU Capstone	EMSE 4811 Clinical III Professional Internship K-12					13	
<i>Please see the Curriculum Sheet for this program via Quick Links on the Kean University home page.</i>							<b>TOTAL REQUIRED</b>	<b>120</b>	