



For OCC student graduating with their A.A. in Liberal Arts ( Mathematics)



**KEAN UNIVERSITY - COLLEGE OF EDUCATION**

(22105 - Mathematics Standard) B.A. EARLY CHILDHOOD EDUCATION - CERTIFICATION FOR PRESCHOOL (P-3) TEACHERS 130 S.H.

With an Endorsement in Teachers of Students with Disabilities (TSD)

**Minimum GPA required for declaration into major and graduation: 3.0**

Kean University Courses are in Blue ( 59 S.H.)

Ocean County College Courses are in Green (62 S.H.)

EFFECTIVE DATE: Fall 2019

See the Current Undergraduate Academic Catalog for Requirements to Graduate with Honors

GENERAL EDUCATION: Foundation Requirements:		41-42 S.H. 13 S.H.	ACADEMIC CONTENT AREA:MATH REQUIRED MATH CONTENT COURSES:		20-39 S.H.
GE 3000 Transfer Transitions <sup>1</sup>		1	See Academic Advisor in your content area for advisement		
ENG 1030 College Composition	English 151 English I	3	MATH 2415 Calculus I <sup>10</sup>	MATH 265 Calculus I	4
MATH 1054 Precalculus <sup>2</sup>	MATH 191 Pre-Cal I	3	MATH 2416 Calculus II <sup>10</sup>	MATH 266 Calculus II	4
COMM 1402 Speech Comm <sup>2</sup>	Comm 154 Fund of Public Speaking	3	MATH 2995 Matrix & Linear Algebra <sup>10</sup>	Math 275 Lin. Algebra	3
GE 2022 Research & Technology	ENGL 152 English 152	3	MATH 2526 Applied Statistics I <sup>10</sup>		3
			MATH 3110 Introduction to Proofs <sup>10</sup>		3
			MATH 3342 Euclidean and Non Euclidean Geometry <sup>10</sup>		3
DISCIPLINARY & INTERDISCIPLINARY Distribution Requirements: **		28 S.H.	PROFESSIONAL EDUCATION: <sup>2</sup>		42 S.H.
Humanities:		9 S.H.	Sophomore Level		
*ENG 2403 World Literature	ENGL 255 World Lit I	3	EC 2900 Field Experience Multicultural Setting		3
FA 100 or ID 1500 Critical reading and Comm	Any GHUM Course	3	SPED 2200 Multicultural Learner in Diverse Settings		3
Music 1050 or Music 1000	Any GHUM Course	3	Junior Level: First Semester		
			EC 3250 Perspectives on EC Practice <sup>4</sup>		3
			EDUC 3400 La/Rdg in Preschool/Elementary		3
Social Sciences:		9 S.H.	Second Semester		
*HIST 1062 Worlds Of History	HIST 181 World Civ. to 1600	3	EC 4260 Supporting Emergent Literature		3
PSY 1000 General Psychology	Psyc 172 Gen. Psyc	3	Senior Year First Semester		
SOC 1000 Intro to Sociology	Hist 182 World Civ from 1660 or HIST Gen Ed	3	EC 3300 Teaching & Learning Education I		3
			EC 3401 ECE Clinical Practice I (Two day field) <sup>9</sup>		3
			EC 4300 Teaching & Learning EC Education II (WE)		3
			ID 3163 Classroom Management		3
			SPED 3000 Principle & Practice		3
Science and Mathematics:		10- 11 S.H.	Senior Year Second Semester		
MATH 1010 foundations of Math <sup>3</sup>	MATH 192 Pre Calculus II	3	EC 4401 ECE Clinical Practice II <sup>5,8</sup>		9
BIO 1000 Principles of Biology <sup>2</sup>	BIOL 114 or higher	4	EC 4000 Teacher & the Early Elementary Classroom (WE) <sup>5</sup>		3
Second Science Course <sup>10</sup>	CSIT 110 Intro. to Computers	3-4			
ADDITIONAL REQUIRED COURSES:		15 S.H.	Special Notes:		
PSY 2100 Child Psychology	PSYC 173 Child Psychology	3	<b>Special Notes:</b> *GE Distribution Course required of all students. **See prerequisite and equivalencies. 1 University requirement for graduation for all undergraduate students: complete GE 3000 (transfers entering with 30 credits or more). 2 Requires a grade of B- or better. 3 Grade of C or better required. 4 Take a course before EC 3300. 5 EC 4000 & EC 4401 MUST be taken together.. 6 Co-req SPED 3000. 7 Must submit passing EC Praxis II scores prior to Clinical II. 8 Course is only necessary if you have not met the 120 credit requirement toward degree completion. 9 Clinical I and Clinical II must be done back-to-back and in consecutive semesters.		
ID 2052 Human Exceptionality <sup>2</sup>	EDUC 178 Exceptional Student	3			
ID 3051 Computer Tech Today's Society <sup>2</sup>		3			
ID 3162 Families as Collab Classroom School Comm <sup>2</sup>		3			
ID 3210 Working with Infants and Toddlers		3			
FREE ELECTIVES: 0-2 S.H. (choose 1 option)					
Free Elective (1000-2000 Level) <sup>8</sup>	STSC 150 Stu.Success Seminar	2			