KEAN UNIVERSITY – COLLEGE OF NATURAL, APPLIED AND HEALTH SICENCES (72103) B.A. IN CHEMISTRY (TECHNICAL SALES AND MANAGEMENT OPTION): 124 S.H. EFFECTIVE DATE: Fall 2014 START TERM:

NAME		TRANSFER INSTITUTIONS (X) Credits:	
STUDENT ID#	+	In Progress	
STODENT ID#		li i logiess	
CENEDAL EDUCATIONS, 44 45 Semester Hours (S.H.)	1	ACADEMIC Major and Constant Descriptoments 3 25 C LI	
GENERAL EDUCATION¹: 44-45 Semester Hours (S.H.)		ACADEMIC Major and Capstone Requirements ³ 35 S.H.	-
Foundation Requirements 13 S.H.	1	CHEM 1083 Chemistry I	4
GE 1000 Transition to Kean ²	1	CHEM 1084 Chemistry II	4
ENG 1030 College Composition ³	3	CHEM 2283 Quantitative Analysis	4
MATH 1000 Algebra for College Students ⁴	3	CHEM 2491 Inorganic Chemistry I	3
COMM 1402 Speech Communication	3	CHEM 2581 Organic Chemistry I	3
GE 2024 Research & Technology	3	CHEM 2582 Organic Chemistry II	3
		CHEM 2583 Organic Chemistry Lab and Recitation I WE	2
Disciplinary & Interdisciplinary		CHEM 2584 Organic Chemistry Lab and Recitation II	2
Distribution Requirements:		CHEM 3284 Instrumental Method of Analysis WE	4
		CHEM 3381 Physical Chemistry I	3
Humanities: 9 S.H.		CHEM 3581 Biochemistry	3
*ENG 2403 World Literature	3	CHEM 3901 Independent Chemistry Research ⁷	1, 1
Select two courses from different areas:	Ť		-, .
Fine Arts/Art History	3	G.E. and Major Capstone: 3	
Philosophy or Religion	3	CHEM 4908 Seminar in Chemistry	3
Foreign Languages ⁵ (Must take I and II for credit)	3	OTIEM 4000 Definition in Orientistry	3
Music or Theatre	3	EDEC EL ECTIVES (et lecet 50% in 2000/4000level) 6.7.5. U	
		FREE ELECTIVES (at least 50% in 3000/4000level) 6-7 S.H.	
Interdisciplinary	3		
0			
Social Sciences: 9 S.H.			
*HIST 1000 Civil Society in America	3		
or HIST 1062 Worlds of History	<u> </u>	Additional Required Courses: 36 S.H.	
Select two courses from different areas ⁶ :		BIO 1300 General Biology I	4
Psychology	3	BIO 1400 General Biology II	4
Economics or Geography	3	MATH 2415 Calculus I	4
Political Science	3	COMM 3590 Business & Professional Presentation	3
Sociology or Anthropology	3	ECO 2120 Statistics for Business and Economics	3
Interdisciplinary	3	MGS 2030 Principles of Management	3
		MKT 2500 Principles of Marketing	3
Science and Mathematics: 11 S.H.		MKT 3430 Advertising and Marketing Communication	3
MATH 1054 Precalculus ⁴	3	MKT 3510 Consumer Behavior	3
PHYS 2091 General Physics I	4	Select two marketing courses from below:	
PHYS 2092 General Physics II	4	MKT 3550 Marketing Research	3
	+	MKT 3640 Sales Management	3
Health & Physical Education :2 or 3 S.H.	+	MKT 3660 Service Marketing	3
ID 1225 Issues in Contemporary Health or	+	MKT 3690 Business to Business Marketing	3
ID 1010 Leisure & Recreation in Multicultural Society	3		
	1 1	MKT 4230 Advertising Campaigns	3
Or TWO one-credit P.E.D. courses	1, 1	MKT 4500 Seminar in Marketing Strategy	3
See prerequisites and equivalencies on page 3. Required of all Freshmen and Transfers with fewer than 10 credits.			
3. Eng 1030 College Comp, all Major courses, and the Capstone, require a	grade of C		
or better. 4. Students whose qualifying score on the placement test makes them eligible to take Math 1054 or Math 2415 may take that course instead. In that case, Math 1054 or Math 2415 will count as the General Education requirement and the student may take another 3 or 6 credits in Free Electives to total 124 S.H. 5. Credit granted upon completion of two semesters of elementary or intermediate foreign language. Three credits can be applied to Humanities, and 3 credits can be applied to Free Electives. 6. Students are advised to fulfill 3 credits of their free electives with ECO 1021		Other Transfer:	
		*G.E. required course	
		TOTAL CREDITS:	
		Advisor:	
		Advisor Signature:	
		The state of the s	
Principles of Economics II.	. 1		
7 To be used for initial construction of the Simulated Project Development at	nd taken		
for one credit each in the Fall and Spring of the junior year.			
Pay 04/14		•	