KEAN UNIVERSITY
COLLEGE OF NATURAL, APPLIED & HEALTH SCIENCES
(76203) B.S. IN EARTH SCIENCE (Geo-science Option): 124 S.H.
EFFECTIVE DATE: Fall 2011

START TERM: _____

NAME		TRANSFER INSTITUTIONS (X) Credits:	
STUDENT ID#		In Progress	
GENERAL EDUCATION: 32 Semester Hours (S.H.)		**ACADEMIC MAJOR: 48-50 Semester Hours (S.H.)**	
Foundation Requirements[1]: 13 S.H.		***Required Foundation Core 35 S.H.**	
G.E. 1000 Transition to Kean[2]	1	SELS 1100 Intro to Earth and Geog Systems	3
***ENG 1030 Composition	3	SELS 2101 Geo-hydro Systems	4
MATH 1054 Pre-Calculus	3	SELS 3101 Atmo System	4
COMM 1402 Speech Communication	3	ES 3200 GIS in Geoscience	4
GE 2024 Research & Technology	3	ES 3310 Geosphere	4
		SELS 4101 Physical Clim	4
Disciplinary & Interdisciplinary Distribution Requirements		ES 3330 Hydrosphere/Ocean	4
Humanities: 6 S.H. (from different areas)		ES 4200 Remote Sensing	4
*ENG 2403 World Literature	3	ES 4980 Environmental Issues Internship	3
Fine Arts/Art History	3		
Philosophy or Religion	3		
Foreign Languages (Must take I and II for credit)	3	***G.E. and Major Capstone: 3 S.H.**	
Music or Theatre	3	ES 4981 Environmental Issues Seminar (WE)	3
Interdisciplinary	3		
		***Interdisciplinary Electives: 6 S.H.** (select from departmental approved interdisciplinary courses in Geography, Biology, Chemistry, Public Administration or Economics	
Social Sciences: 6 S.H. (from different areas)			
*HIST 1000 Civil Society in America ***or*** HIST 1062 Worlds of History	3		
Psychology	3		
Economics or Geography	3		
Political Science	3		
Sociology or Anthropology	3	*** **Major Electives: 6-8 S.H.**	
Interdisciplinary	3	(select from departmental approved 3000-4000 level courses in Geology, Meteorology and Oceanography)	
Science and Mathematics: 7 S.H.			
MATH 1054 Precalculus[3]	3		
BIO 1000 Principles of Biology	4		
Additional Required Courses: 23 Semester Hours (S.H.)		**FREE ELECTIVES: 17-19 Semester Hours (S.H.)**	
MATH 2411 Calculus I	3	**(at least 50% must be 3000/4000level)**	
MATH 2412 Calculus II	3		
CHEM 1083 Chemistry I	4		
CHEM 1084 Chemistry II	4		
MATH 2526 Applied Statistics	3		
COMM 2405 Public Speaking	3		
ENG 3090 Professional and Technical Writing	3	**Other Transfer:**	
		Special Notes: *G.E. required course **Course required by Major ***Eng 1030 and all Major courses require a grade of C or better Note: See foreign language requirements	
		TOTAL CREDITS:	
		Advisor:	
		Advisor Signature:	

[1] See prerequisites and equivalencies.
[2] Required of all Freshmen and Transfers with fewer than 10 credits.
[3] A student whose qualifying score on the placement test makes them eligible to take either Math 1054 or Math 2411 may take that course instead. In that case, either Math 1054 or Math 2411 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.

Rev. 5/11