

**KEAN UNIVERSITY**  
**COLLEGE OF NATURAL, APPLIED and HEALTH SCIENCES**  
**(76201) B.S. IN EARTH SCIENCE (Geology Option) : 124 S.H.**  
**EFFECTIVE DATE: Fall 2009**

**START TERM:** \_\_\_\_\_

NAME		TRANSFER INSTITUTIONS (X)	Credits:
STUDENT ID#		In Progress	
<b>GENERAL EDUCATION : 32 Semester Hours (S.H.)</b>		<b>ACADEMIC MAJOR : 56 Semester Hours (S.H.)</b>	
<b>Foundation Requirements <sup>1</sup> : 13 S.H.</b>		<b>***Required Foundation Core 40 S.H.</b>	
GE 1000 Transition to Kean <sup>2</sup>	1	GEOL 1200 Introduction to Geology	4
***ENG 1030 Composition	3	ES 2200 Methods in Geoscience	4
MATH 1000 Algebra for College Students <sup>3</sup>	3	ES 3200 GIS in Geoscience	4
COMM 1402 Speech Communication	3	GEOL 3261 Mineralogy	4
GE 2024 Research & Technology	3	GEOL 3263 Structural Geology	4
		GEOL 3264 Invertebrate Paleontology	4
<b>Disciplinary &amp; Interdisciplinary Distribution Requirements</b>		GEOL 3265 Geomorphology	4
<b>Humanities: 6 S.H. (from different areas)</b>		GEOL 3281 Field Geology I	2
*ENG 2403 World Literature	3	GEOL 4252 Field Geology II	2
Fine Arts/Art History	3	GEOL 4265 Petrology	4
Philosophy or Religion	3	GEOL 4266 Stratigraphy & Sedimentation	4
Foreign Languages (Must take I and II for credit)	3		
Music or Theatre	3	<b>***G.E. and Major Capstone: 4 S.H.</b>	
Interdisciplinary	3	(Select either of the following)	
		ES 4953 and ES 4954 Earth Science Seminar I & II (WE)	2, 2
<b>Social Sciences: 6 S.H. (from different areas)</b>		<b>OR</b>	
*HIST 1000 Civil Society in America	3	ES 4963 and ES 4964 Honors Res. Sem. in E.S. I & II.(WE)	2, 2
Psychology	3		
Economics or Geography	3	<b>***Major Electives: 12 S.H.</b>	
Political Science	3	(selected with departmental advisement)	
Sociology or Anthropology	3		
Interdisciplinary	3		
<b>Science and Mathematics: 7 S.H.</b>			
MATH 1054 Precalculus <sup>3</sup>	3		
BIO 1000 Principles of Biology	4		
		<b>FREE ELECTIVES: 13 Semester Hours (S.H.)</b>	
<b>ADDITIONAL REQUIRED COURSES: 23 Semester Hours (S.H.)</b>		<b>(at least 50% must be 3000/4000 level)</b>	
MATH 2411 Calculus I	3		
CHEM 1083 Chemistry I	4		
CHEM 1084 Chemistry II	4		
PHYS 2091 General Physics I	4		
PHYS 2092 General Physics II	4		
CPS 1231 Fundamentals of Computer Science	4		
		<b>Other Transfer:</b>	
		<b>Special Notes:</b>	
		*G.E. required course	
		***Eng 1030 and all major courses require a grade of C or better	
		Note: See foreign language requirements	
<sup>1</sup> See prerequisites and equivalencies. <sup>2</sup> Required of all Freshmen and Transfers with fewer than 10 credits. <sup>3</sup> 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.		<b>TOTAL CREDITS:</b>	
		Advisor:	
		Advisor Signature:	