KEAN UNIVERSITY
College of Natural, Applied and Health Sciences
School of Environmental and Life Sciences
B.S. in Sustainability Science – Guide Sheet (subject to revision)
124 S.H.

EFFECTIVE DATE: Fall 2009 **START TERM: _____**

NAME		TRANSFER INSTITUTIONS (X) Credits:	
STUDENT ID#		In Progress	
GENERAL EDUCATION: 36 Semester Hours (S.H.)		**ACADEMIC Major 38 S.H. Total Credits**	
Foundation Requirements 13 S.H.		**REQUIRED: Foundation Core 20 S.H.**	
G.E. 1000 Transition to Kean	1	SUST 1000 Intro to Sustainability	3
ENG 1030 Composition	3	SUST 2240 Systems Modeling	2
MATH 1054 Pre-Calculus	3	SUST 3210 GIS in Sustainability	4
COMM 1402 Speech Communication	3	SUST 3250 Climate Science	3
GE 2024 Research & Technology	3	SUST 3340 Scientific Integrity	1
		SUST 3310 Biodiversity for Sustainability	3
Disciplinary & Interdisciplinary Distribution Req:		SUST 3400 Applied Statistics/Methods in Sustainability	4
Humanities: 6 S.H. (from different areas)			
*ENG 2403 World Literature	3	**Major / Related Electives 18 S.H.**	
Fine Arts/Art History	3	SUST 3531 Energy & Pollution Management	3
Philosophy or Religion	3	SUST 3330 Urban Ecology	3
Foreign Languages (Must take I and II for credit)	3	SUST 4330 Conservation Biology	3
Music or Theatre	3	BIO 2200 Cell Biology	4
Interdisciplinary	3	BIO 2400 Genes, Organisms, Populations	4
		BIO 2500 Principles of Botany	4
Social Sciences: 6 S.H. (from different areas)		BIO 3400 Zoology: Form and Function	4
*HIST 1000 Civil Society in America	3	BIO 3614 Principles of Ecology	4
Psychology	3	BIO 3000 Marine Biology	4
Economics or Geography	3	BIO 4615 Applied Ecology	4
Political Science	3	CHEM 2182 Organic Chemistry II.	3
Sociology or Anthropology	3	GEOL 2020 Conservation of Natural Resources	3
Interdisciplinary	3	GEOG 3410 Urban Geography	3
		GEOL1200 Introduction to Geology	4
Science and Mathematics: 8 S.H.		GEOL 2262 Geology and the Environment	3
CPS 1231 Fundamentals of Computer Science	4	METR 1300 Introduction to Meteorology	4
CHEM 1083 Chemistry I	4	METR 3360 Air Pollution	3
		GEOL 3266 Hydrology	4
G.E. and Major Capstone: 3 S.H.		OCEN 3453 Introduction to Oceanography	4
SUST 4903 Indep. Practicum in Sustainability Science	3	PS 3845 Regulatory Law and Public Policy	3
		PHIL 3800 Environmental Ethics	3
Additional Required Courses: **34 S.H.**		REC 3810 Recreation and the Environment	3
BIO 1000 Principles of Biology	4	SOC 2500 Introduction to Global Studies	3
BIO 2601 Ecology, Environment & Humanity	4	SOC 3420 Environment and Society	3
MATH 2411 Calculus I	3		
MATH 2412 Calculus II	3	**FREE ELECTIVES: 16 S.H.**	
TECH 1010 Information Technology Foundations	3	**At least 50% must be 3000/4000level**	
CHEM 1084 Chemistry II	4		
CHEM 2181 Organic Chemistry I.	3	**Other Transfer:**	
CHEM 2391 Inorganic Chemistry	3	**Special Notes:**	
HED 3635 Introduction to Public Health	3	***G.E. required course**	
PHY 2091 Physics I	4	****Course required by Major**	
		*****All Major courses require a grade of C or better**	
		TOTAL CREDITS:	
		Advisor:	
		Advisor Signature:	