LONG ISLAND UNIVERSITY

B.A. IN GEOLOGY (129 credits min.)

FALL 2004

Name: _____ ID#_____ **TERM ENTERED**: _____
LAST FIRST

Address:_____ NF_____ NT_____

Home Phone: (_ _ _) _ _ _-_ _ _ _ Cell Phone: (_ _ _) _ _ _-_ _ _ _ Email: _____

Credits Remaining: _____ Transfer Credit: Awarded: ____ Applied: ____ Official / Unofficial (circle one)

Deficiencies: Lang. 1 2 Math 1 2

COLLEGE CORE CURRICULUM – 34 CREDITS

AREA	COURSE	TERM	GR	CR
LANGUAGE/LITERATURE (6 credits required in one subject area) LANG 1,2,3,4,11,12 (French, German, Italian, Spanish, Hebrew, Japanese, Russian) ENG 7, 8				
HISTORY/PHILOSOPHY (9 credits required, maximum 6 credits in one area) HIS 1, 2; 3, 4 PHI 8, 13; 25, 26				
POLITICAL SCIENCE/ECONOMICS (6 credits required in one subject area) ECO 11, 12; POL 1, 2				
SOCIAL SCIENCES (6 credits required in one subject area) PSY 1, 2**(Psychology);SOC 1,2(Sociology) ANT 1,2 (Anthropology); GGR1,2(Geography)				
LABORATORY SCIENCE (8 credits required in one area) BIO 1, 2;7, 8 CHM 1,2; GLY 1,2 AST(PHY) 9,10; PHY 11,12 PSY 3,4**; ERS 1,2	**FULFILLED BY MAJOR**			
FINE ARTS (6 credits required, maximum 3 in one area) CMA 9; DAN 1, 8; CIN 11; THE 1, 42; MUS 1, 2; ART 1, 101				
MATH (3 credits required) MTH 1, 3, 5, 6, 7, 8, 14, 15, 16	**FULFILLED BY MAJOR**			
INTRO TO COLLEGE (1 credit required)	**COLL 101**			

**Students may take either PSY 1,2 or PSY 3,4 but NOT both

COMPETENCIES

AREA	EXAM	WRKSH	COURSE	TERM	GR	CR
WRITING ENG 1, 1F, 1P, 1S ENG 2, 2F, 2P						3
						3
COMPUTER						
ORAL						
LIBRARY						

REQUIRED GPAs: OVERALL- 2.0 MAJOR- 2.25

GEOLOGY REQUIREMENTS

COURSE (PRE-REQ)	TERM	GR	CR
GLY 1 Dynamic Earth			4
GLY 2 History of the Earth			4
GLY 13 (GLY 13 **or** equiv.) Structural Geology			4
GLY 21 (GLY 13 **or** equiv.) Mineralogy			4
GLY 33 (GLY 13) Field Geology			3
GLY 41 (GLY 2) Paleontology			4
GLY 43 (GLY 1 **or** per.) Sedimentology			4
MTH 7 (MTH 3 w/*at least* C- or placement) Calculus and Analytic Geometry 1			4
MTH 8 (MTH 7 w/*at least* C-) Calc/Geometry 2 **or** MTH 19, 23, 41, BIO 141, CSC 2, or 111			3-4

TOTAL 34-35

ADVANCED GEOLOGY ELECTIVES
CHOOSE TWO FROM ADVANCED ELECTIVES BELOW

ERS 1 (**Required**) **Earth Science I**			4
GLY			
GLY			

TOTAL 10-12

CO-RELATED REQUIREMENTS
(CHOOSE TWO SEQUENCES, 4 COURSES TOTAL)

BIO 103 General Biology I			4
BIO 104 General Biology II			4
OR			
CHM 3 (MTH 3 pre- **or** MTH 7 co-req.) Prin. CHM I			4
CHM 4 (MTH 3 pre- **or** MTH 8 co-req.) Prin. CHM II			4
OR			
PHY 3 (Pre- **or** co- MTH 7) Univ. Physics I			4
PHY 4 (Pre- **or** co- MTH 8) Univ. Physics II			4

TOTAL 16

FREE ELECTIVES- 25-29 credits

ADVANCED GEOLOGY ELECTIVES

GLY 11 (Marine Geology)- 3 cr.
GLY 12 (Advanced Oceanography)- 3 cr.
GLY 14 (Geomorphology)- 4 cr.
GLY 15 (Groundwater Geology)- 3 cr.
GLY 22 (Igneous & Metamorphic Petrology)- 4 cr.
GLY 23 (Geochemistry)- 3 cr.
GLY 42 (Stratigraphy)- 3 cr.
GLY 45 (Micropaleontology)- 4 cr.
GLY 46 (Paleoecology)- 4 cr.
GLY 47 (Plate Tectonics)- 3 cr.
GLY 48 (Geophysics)- 3 cr.
GLY 100 (Geology Tutorial)- 3 cr.

Writing Across the Curriculum ("WAC") Requirement:
Prior to graduation, ALL students must complete ENG 1 & 2 plus;
Freshmen: 3 WAC courses (total 5 WAC)
Transfers: 0-59 crs. 3 WAC courses (total 5 WAC); **60-89 crs.** 2 WAC courses (total 4 WAC); **90+ crs.,** 1 WAC course (total 3 WAC)