LONG ISLAND UNIVERSITY

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

FALL 2004

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

Address:_____ NF_____ NT_____

Home Phone: (_ _ _) _ _ _-_ _ _ _ Cell Phone: (_ _ _) _ _ _-_ _ _ _ E-mail: _____

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; PSY 3, 4** CHM 1, 2; GLY 1, 2; ERS 1, 2 AST(PHY) 9, 10; PHY 11, 12	**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						

CHEMISTRY REQUIREMENTS

COURSE (PRE-REQ)	TERM	GR	CR
CHM 3 (MTH 3 **or** MTH 7 Co-) Principles of CHM 1			4
CHM 4 (CHM 3) Principles of CHM 2			4
CHM 5 (CHM 4) Inorganic Chemistry **WAC**			2
CHM 21 (CHM 4) Organic Chemistry 1			4
CHM 22 (CHM 21) Organic Chemistry 2			4
CHM 37 (CHM 4) Quantitative Analysis			4
CHM 55 (CHM 22 **or** 25, CHM 37, MTH 8, PHY 4) Physical Chemistry 1			4
CHM 56 (CHM 55) Physical Chemistry 2			4
Choose **two** of the following: CHM 24*, 38, 48, 71, 85*, 98 & 99			
CHM			
CHM			

*only 3 cr., others are all 4 cr. ea. TOTAL 36-38

CO-RELATED REQUIREMENTS

MTH courses require grade of C- or better

MTH 7 (MTH 3 **or** placement test) Calculus 1			4
MTH 8 (MTH 7) Calculus & Analytic Geometry 2			4
MTH 9 (MTH 8) Calculus & Analytic Geometry 3 **WAC**			4
PHY 3 (MTH 7 Pre- **or** Co-Req.) University Physics 1			4
PHY 4 (PHY 3 **&** MTH 8 Pre **or** Co-Req) Univ. PHY 2			4

TOTAL 20

FREE ELECTIVES: 31-33 credits

G.P.A. REQUIREMENTS: 2.0 OVERALL, 2.25 MAJOR

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)