DEPARTMENT OF BIOLOGY **SAINT LOUIS UNIVERSITY**

NAME: _____ ID #: _____ DATE(s): _____

Requirements for B.A. Biology Degree

I) Required Introductory courses Completion of these courses with a grade point average of 2.0 or better*

_____BIOL 104 (4) _____BIOL 106 (4) ____ ____CHEM 163/165 (3,1) ____ ____CHEM 164/166 (3,1)
*or equivalent course credit (i.e., AP or IB), and must be completed before taking any upper-division biology course.

II) Required Related Courses

_____ Math 142

_____ Statistics (MATH 130 or BIOL 479)

III) Required Upper Division Biology courses (25 credit hours)

A. Biology Core Courses (12 credit hours)

____ BIOL 301: Evolution (3) ____ BIOL 302 BC & MB (3) ____ BIOL 303: Genetics (3) ____ BIOL 304 Cell S&F (3)

B. Biology Electives (minimum of 13 credit hours)

Lab Course[#]	_____	( )
Plant course*	_____	( )
Elective	_____	( )
Elective	_____	( )
Elective	_____	( )
	TOTAL	

[#]Laboratory Courses (Note, these also count toward an elective requirement): BIOL 306 Cell Biology laboratory; BIOL 310 Experiments in Genetics; BIOL 326 Plants and Fungi; BIOL 342 Comparative Anatomy; BIOL 344 Embryology; BIOL 347 General Physiology Lab; BIOL 402 Vertebrate reproductive physiology; BIOL 405 Molecular Techniques Lab; BIOL 410 Natural History of the Vertebrates; BIOL 412 Field Botany; BIOL 413 Field Mammalogy; BIOL 414 Field Ornithology; BIOL 416 Microbial Ecology: BIOL 426 Biol of Amphibians and Reptiles; BIOL 428 Biol of Fishes; BIOL 431 Biol of Birds; BIOL 433 Spring Flora of the Ozarks; BIOL 435 Biol of Parasitic Organisms; BIOL 437 Animal Behavior Lab; BIOL 438 Biol of Mammals; BIOL 444 Vertebrate Histology; BIOL 461 Developmental Biology Lab; BIOL 465 General Microbiology Lab; BIOL 475 General Ecology; BIOL 479 Biometry

*Plant Courses: BIOL 326 Plants and Fungi; BIOL 328 Ethnobotany; BIOL 349 Plant Phys; BIOL 345 Economic Botany, BIOL 404 Pollination; BIOL 409 Plant Ecology, BIOL 412 Field Botany, BIOL 421 Biology of Orchids; BIOL 433 Spring Flora.

Note: *A total of 3 hrs of Independent Research (BIOL496), Library project (BIOL497) and Advanced Independent Research (BIOL498) can be counted toward the 25 upper division credits required for the BA degree, but these courses do NOT count as structured lab courses.*

IV) Participation in Departmental Mentoring and Assessment:
Participation in BIOL 195 and BIOL 295, and meeting with your mentor when in residence is expected. Students who are not able to take 195 and 295 (i.e. transfer students) may take BIOL 395 to fulfill this requirement. All students are also expected to participate in senior exit surveys.

V) Recommended B.A. – related courses

_____CHEM 342/344 _____PHYS 131/132

_____CHEM 343/345 _____PHYS133/134

NOTE: *In accordance with the College of Arts and Sciences graduation requirements, a student must obtain at least a 2.00/4 overall GPA in all chemistry, mathematics, statistics, and other appropriate sciences, and upper-division biology courses that are required for the B.A. major degree program.*

REVISED 3-19-14