SAINT VINCENT COLLEGE

COURSE REQUIREMENTS FOR BIOLOGY CERTIFICATION

Post Baccalaureate

Insert course grades earned (where applicable) in white boxes.

COURSE #	COURSE TITLE	CR.	GRADES		
	CORE CURRICULUM				
	History	3			
EL 102	Language and Rhetoric (Freshman Composition)	3			
EL 208	Pedagogy of Composition	3			
	Literature	3			
FA	Fine Arts	3			
MA 109	Calculus I	4			
Total Credits for Core Curriculum		**19**			
	MAJOR COURSES				
MA 110	Calculus II	4			
CH 101/103	General Chemistry I and Lab	4			
CH 102/104	General Chemistry II and Lab	4			
CH 221/223	Organic Chemistry I and Lab	4			
CH 222/224	Organic Chemistry II and Lab	4			
ES 106/107	Physical Geology and Lab	4			
PH 111/113	General Physics I and Lab	4			
PH 112/114	General Physics II and Lab	4			
BL 150/151	General Biology I and Lab	4			
BL 152/153	General Biology II and Lab	4			
BL 208/209	Cell Biology and Lab	4			
BL 232/233 or BL 236/237	Ecology and Lab or Environmental Disturbances and Lab	4			
BL 214/215 or BL 212/213	Molecular Genetics and Lab or Microbiology and Lab	4			
BL 220/221 or BL 224/225	Comparative Anatomy or Mammalian Physiology	4			
Total Credits for Major		**56**			
	TEACHER CERTIFICATION COURSES				
PY 115	Educational Psychology	3			
PY 214	Adolescent Psychology	3			
PY 290	Psychology/Education of the Exceptional Student	3			
PY 381	Educational Testing	3			
ED 100	Foundations of Education	3			
ED 103	Field Experience I: 7-12	1			
ED 205	Strategies and Techniques of Instruction	2			
ED 206	Field Experience II: Strategies and Techniques of Instruction	1			
ED 208	Classroom Partnerships and Inclusion	3			
ED 220	Academic Intervention and Differentiation in the Content Areas	2			
ED 304	Teaching of Science 7-12	3			
ED 322	Field Experience III: Secondary Instruction & Theory	1			
ED 390	Teaching Nonnative and Culturally Diverse Students	3			
ED 400	Field Experience IV: Pre-Student Teaching	2			
ED 410	Field Experience V: Student Teaching	8-9			
ED 411	Professional Seminar	3			
Total Credits for Teacher Certification Requirements		**44-45**			
Total Credits for Biology Certification		**119-120**			

August 2011