

Marian University 2009 - 2010

School of Mathematics and Natural Science
Biology Department

Student's Name: _____

Date: _____

Minor: Biology Education

BIOLOGY EDUCATION MINOR									
46 credits as follows:									
30 credits:									
COURSE ID	COURSE TITLE	CR	PREREQUISITES	COURSE CYCLE			ADVISOR COMMENTS	CR	GR
				SEM I	SEM II	SUM			
BIO 100	Life Systems	3		X	X	X			
BIO 150	Life Systems Laboratory	1	Concurrent with BIO 100 recommended	X	X	X			
BIO 231	Botany & Lab	4	BIO 100 or BIO 102	O					
BIO 301	Genetics and Lab	4	BIO 100 or BIO 102; CHE 202	X					
BIO 302	Cell Biology	3	BIO 100 or BIO 102; CHE 202		X				
BIO 310	Invertebrate Zoology and Lab	4	BIO 100 or BIO 102		O				
BIO 322	Vertebrate Zoology and Lab	4	BIO 100 or BIO 102		E				
BIO 104	Environmental Science and Lab (Also ENS 104)	4		X	X	X			
BIO 315	Ecology (Also ENS 315)	3	BIO 100 or BIO 102	E					
16 credits (Biology Minor prerequisites):									
CHE 101	Principles of Chemistry I	4		X	X	X			
CHE 102	Principles of Chemistry II	4	CHE 101 or CHE 105		X				
CHE 201	Organic Chemistry I	3	CHE 101	X					
CHE 202	Organic Chemistry II	3	CHE 201		X				
CHE 251	Organic Chemistry I – Lab	1	CHE 201 or concurrent	X					
CHE 252	Organic Chemistry II -Lab	1	CHE 251; CHE 202 or concurrent		X				

X Offered every year
 E Offered in even years (2008-09, 2010-11, etc.)
 O Offered in odd years (2009-10, 2011-12, etc.)
 * Offered at discretion of faculty as needed