

## Curriculum Guide

VVVV

### First Year

Fall		Spring	
BIO 116 Biological Inquiry & Analysis	4	BIO 222 Botany: Plant Form & Function <b>or</b>	4
BIO 115 Cellular Basis of Life	3	BIO 221 Zoology: Animal Form	
MAT 150 Algebra & Trigonometry	5	& Function	4
ENG 101 Composition	3	ENG 102 Composition & Research	
BIO 099 Freshman Orientation	1	University Studies Elective (Humanities	
		or Fine Arts)	3
		EDP 260 Psychology of Human Development	3
		COM 161 Introduction to Public Speaking	3
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>16</b>

### Second Year

Fall		Spring	
BIO 222 Botany: Plant Form & Function		BIO 330 Ecology	4
<b>or</b> BIO 221 Zoology: Animal Form &		PHY 132 & 133 General Physics II & Lab	4
Function	4	CHE 202 General Chemistry and	
EDU 103 Introduction to Education	3	Qualitative Analysis	5
PHY 130 & 131 General Physics I &	4	University Studies Elective (Humanities	3
Lab		or Fine Arts)	
CHE 201 General College Chemistry	5	<b>Total</b>	<b>16</b>
<b>Total</b>	<b>16</b>		

### Third Year

Fall		Spring	
BIO 300 Introduction to Microbiology	4	BIO 333 Genetics	4
CHE 312 Organic Chemistry I	5	BIO 112 Field Biology	4
COM 372 Communication in		CHE 320 Organic Chemistry II	3
Educational Environments	3	CIV 102 World Civilizations & Cultures	3
CIV 101 World Civilizations & Cultures I	3	SED 300 Exceptional Children in the	
		Classroom	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>17</b>

### Fourth Year

Fall		Spring	
University Studies Elective (Humanities		BIO 320 Comparative Vertebrate Anatomy	5
or Fine Arts)	3	BIO 499 Senior Seminar	1
BIO 300-level Elective (BIO 308, 300,		CHE 330 Basic Biochemistry	3
or		HUM 212 Humanities of the Modern World	3
483 recommended)	3-4	University Studies Elective (Humanities	
BIO 322 Animal Physiology	4	or Fine Arts)	3
HUM 211 The Western Humanities			
Tradition	3		
EDU 303 Strategies of Teaching	3		
<b>Total</b>	<b>16-17</b>	<b>Total</b>	<b>16</b>

### Fifth Year

Fall		Spring	
EDU 403 Structures & Foundations of		SEC 421 Student Teaching in School	12
Education	2	EDU 422 Student Teaching Seminar (optional)	2
EDU 405 Evaluation & Measurement in			
Education	2		
SEC 420 Practicum, Secondary School	2		
<i>The above 3 courses must be taken concurrently</i>			
<b>Total</b>	<b>6</b>	<b>Total</b>	<b>14</b>