

NAME					CATALOG YEAR		
MAJOR	<i>Biology & Unified Science</i>			<i>BS</i>	CONCENTRATION		
						Student Records	
Course Number	Course Title			Credit Hours	Offered	Prerequisites	
Professional Requirements						Semester	Grade
Foundation Courses							
ED	100	Introduction to Teaching		3	F/S		
ED	260	Education of the Exceptional Child		3	F/S		
ED	311	Educational Psychology		3	F/S		
PY	270	Child and Adolescent Psychology		3	F/S		
ED	300	Instructional Methodology		3	F/S	Passing C-BASE/ Teacher Ed	
ED	322	Teaching Reading in the Content Area		2	F/S	Passing C-BASE/ Teacher Ed	
ED	335	Interpretation of Tests and Measurements		3	F/S	Passing C-BASE/ Teacher Ed	
ED	307	Classroom Organization and Management		2	F/S	Passing C-BASE/ Teacher Ed	
Practicum							
ED	191	*Secondary Practicum I		1	F/S		
ED	205	*Beginning Portfolio		1	F/S		
Clinical Experience							
ED	352	**Secondary Clinical Experience		2	F/S	Passing C-BASE/ Teacher Ed	
ED	305	**Intermediate Portfolio		1	F/S	Passing C-BASE/ Teacher Ed	
Student Teaching							
ED	491	***Student Teaching		12	F/S	Passing C-BASE/PRAXIS Teacher Ed	
ED	420	***Student Teaching Seminar		1	F/S	Passing C-BASE/ PRAXIS Teacher Ed	
ED	405	***Advanced Portfolio		1	F/S	Passing C-BASE/PRAXIS/Teacher Ed	
ED	441	***Techniques of Teaching Unified Science		2	F/S	Passing C-BASE/ PRAXIS Teacher Ed	
Unified Science Requirements (in addition to Professional Requirements) 39hrs							
History and philosophy of Science and Tech. (3 hrs. Required)							
BI	316	History of Science		3	F Odd		
Biology-to include zoology and botany (8hrs Required)							

BI	210	General Botany/Lab	4	S			
Choose 1 of the 5 courses below:							
BI	215	General Zoology	4	F Even			
BI	212	Vertebrate Zoology	4	F Odd			
BI	300	Ichthyology	4	F Even	BI 215 or BI 212		
BI	305	Ornithology	4	S Even	BI 215 or BI 212		
BI	306	Herpetology	4	S Odd	BI 215 or BI 212		
Chemistry (with labs 8 hrs. required)							
CH	111	General Chemistry I	5	F			
CH	112	General Chemistry II	5	S			
Physics (with labs 8 hrs. required)							
PH	315	General Physics I	5	F			
PH	365	General Physics II	5	S			
Earth Science (include Geology and Meteorology) 8 hrs. required							
PH	305	Earth Science: Geology	4	OC			
PH	307	Earth Science: Soils and Water	2	OC			
PH	309	Earth Science: Meteorology	2	OC			
Environmental Science (4 hrs. required)							
PH	105	Environment Science	3	F/S			
PH	107	Environmental Science for Teachers	1	F/S			
Biology Endorsement- Beyond Unified Science Requirement; Student Must Take an Additional 29 hrs. in Biology.							
1 Course in Each Area Required							
Zoology							
BI	215	General Zoology	4	F Even	BI 104		
Bi	212	Vertebrate Zoology	4	F Odd	BI 104		
BI	305	Ornithology	4	F Even	BI 215 or BI 212		
BI	306	Herpetology	4	S Even	BI 215 or BI 212		
BI	300	Ichthyology	4	S Odd	BI 215 or BI 212		
BI	310	Mammonlogy	4	S Odd	BI 215 or BI 212		
Botany							
BI	430	Taxonomy of Higher Plants	4	F Even	BI 104		

