

MAT Plan of Study

Life Science/Earth Science

Candidate _____ Banner I.D. # _____ Adm. Date _____

Address _____ Phone _____

Zip Code _____ Email _____

Means of Satisfying Requirement Experience Hours Sem/Yr

1. All of the following	Means of Satisfying Requirement	Experience				Hours	Sem/Yr
		C	F	U	G		
EDL 621 Found. of Multi-Cultural Ed. (3)					3		
EDP 601 Advanced Educational Psychology (3) or EDP 603 Theories of Human Learning (3) <i>(Both classes available Fall & sometimes Summer)</i>		5	23		3		
EDP 607 Ed. Measurement & Evaluation (3) <i>(Fall & sometimes Summer)</i> or EDP 301A Assessment & Eval. In Ed. Settings (3)							
EDP 656 Ed. Of Exceptional Persons (3) <i>(Fall & sometimes Summer)</i> or (EDP 256) Psychology of the Exceptional Learner (3)							
FSW 581.A Adol. Dev. In Diverse Families (3)					3		
EDP 540 Practicum in Integrating Technology Into Instruction (1-2) or EDP 543 Media and Technology for Teaching (3)		40			3		
EDT 531 Adolescent Science Methods I (3) Prerequisites: EDP 601, 3.0 GPA, <i>(Fall only)</i> Admission to Program		24			3		
EDT 532 Adolescent Science Methods II (3) <i>(Spring only)</i>					3		
EDT 519 Supervised Teaching (10) Prerequisite: All methods classes, 3.0 GPA <i>These credit hours are beyond the 30 semester hours required for this degree</i>					10		
EDT 521.A Classroom Management (2)		16	8		2		
EDT 546.A Reading in the Content Area <i>(Spring only)</i> Take concurrent with EDT 521 & EDT 532 (3)					3		
EDT 689 Field Application Techniques (3)		10	8		3		
EDT 690 Field Practicum in Instruction (3)		10			3		
2. Additional graduate courses in the content or methodology of the licensure area, to bring the total graduate credit hours to at least 30, of which at least 15 are earned at the 600 level.							
Strongly recommended - EDT 622 Improvement of Teaching in the Secondary School (3) <i>(Summer only)</i> or EDT 586 Teaching Environmental Education (3)					3		

--	--	--	--	--	--	--

* 30 Field Hours per Credit Hour

4. Coursework in the content of the certification area to satisfy certification standards

Means of Satisfying Requirement

Experience Hours Sem/Yr

		Experience				Hours	Sem/Yr
		C	F	U	G		
All of the following:							
CHM 141/144 + 142/145 College Chem.+ Labs (3,2,3,2)				5			
AER/PHY 118 Intro to Atmospheric Science (3)				3			
AER 253 Basic Meteorology Lab (1)				1			
STA 261 Statistics (4)				4			
GEO 121 Introduction to Physical Geography (4)				4			
PHY 111 Astronomy and Space Physics (3)				3			
1. Introductory Biology series (choose one sequence):							
BOT/MBI/ZOO 115 & 116 Biological Concepts (8)				8			
ZOO 113 & 114 Animal Div. & Prin. Of Biology (regional campus) (8)				8			
2. Environmental Science (choose one):							
BOT 131 Plants, Humanity, & Environment (3)				3			
IES 431 Prin./Applications of Environmental Science (3)				3			
ZOO 121 Environmental Biology (4)				4			
ZOO 351 Environmental Education (3)				3			
3 Evolution course (choose one):							
GLG 205 Evolution and Earth Systems (fall) (3)							
ATH 355 Fossil Evidence of Human Evolution (3)				3			
BOT 204 Evolution of Plan Diversity (4)				4			
ZOO 206 Evolutionary Biology (3)				3			
3. Choose one:							
GLG 111 + 115.L Dynamic Earth + Lab (3)				3			
GLG 121 + 115.L Environmental Geology + Lab (3)				3			
GLG 141 + 115.L Geology of U.S. National Parks + Lab(3)				3			
5. Field course (choose one):							
BOT 155 Field Botany (3)				3			
BOT 204 Evolution of Plant Diversity (4)				4			
BOT 205 Dendrology (4)				4			
BOT 499.A Tropical Flora of the Bahamas (4)				4			
GLG 411 Field Geology (6)				6			
GLG 499.A-Z Intl. Field Geology Workshops (5)				5			
ZOO 333 Field Ecology (2)				2			
6. Choose one:							
BOT 203 Cell Biology (if not previously chosen) (4)				4			
BOT 311 Fundamentals Of Plant Physiology (3)				3			
ZOO 161 Human Physiology (4)				4			
ZOO 305 Animal Physiology (4)				4			
7. Choose one:							
CHM 491 Chemistry in Societal Issues (3)				3			
PHL 205 Science and Culture (3)				3			
PHL 376 Environmental Philosophy (3)				3			
PHY 121 Energy & Society (3)				3			
WCP 222 Natural Systems II (4)				4			
WCP 333.B or 334.B Sem. In Sci/Tech/Envir (4)				4			
8. Choose one:							
BOT 203 Cell Biology (if not previously chosen) (4)				4			
BOT 204 Evolution of Plant Diversity (4)				4			
BOT/ZOO 342 Genetics (3)				3			
9. Choose one:							
BOT 171 Ecology of North America (3)				3			
BOT 401 Plant Ecology (3)				3			
MBI 475 Microbial Ecology (3)				3			
ZOO 204 Fundamentals of Ecology (3)				3			
10. Choose one:							
BOT 302 Inquiry Approach to Plant Taxonomy (3)				3			
BOT 499.A International Field Botany (4-5)				4-5			
PHY 215 Physics by Inquiry (3)				3			
11. Choose one:							
GLG 207 Water & Society (3)				3			
GLG 244 Oceanography (3)				3			
12. Choose one:							
GLG 201 Mineralogy (4)				4			
GLG 211 Chemistry of Earth Systems (4)				4			
GLG 322 Structural Geology (4)				4			
GLG 405 Systematic Paleontology (4)				4			

TOTALS: UNG HRS _____ GRAD HRS _____ GRAD HRS > 600 _____ CLINICAL & FIELD HRS _____
 (30) (15) (300)

SIGNATURES Candidate _____ Date _____

Advisor _____

Date _____

Director of
Graduate Studies _____

Date _____
Life Science/Earth Science/Rev. 1/30/08/LMD