

MAT Plan of Study

Physical 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)					3		
FSW 581.A Adol. Dev. In Diverse Families (3)					3		
EDT 540 Practicum in Integrating Technology Into Instruction(1-2) or EDT 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
		C	F	U	G		
Take all of the following:							
CHM 141(or 137)/144 + 142/145 College Chem.+ Labs (3,2,3,2)				5			
CHM 241/244+242/245 Organic Chem. & Labs (3,2,3,2)				5			
CHM 363/364 Analytical Chem. & Lab (5)				5			
MTH 151 Calculus I (5)				5			
MTH 251 Calculus II (5)				5			
MTH 252 Calculus III (5)				5			
PHY 181/182/183/184 The Physical World + Labs (4,4,1,1)				10			
PHY 291/293 Contemporary Physics + Lab (4,2)				6			
PHY 292/294 Electronic Instrumentation + Lab (3,2)				5			
1. Intro. Biology series (choose one sequence):							
BOT/MBI/ZOO 115 Biological Concepts (4)				4			
BOT/MBI/ZOO 116 Biological Concepts (4)				4			
BOT 191 General Botany (4)				4			
ZOO 113 Animal Diversity (regional campus) (4)				4			
ZOO 114 Prin. Of Biology (regional campus) (4)				4			
MBI 121/123 Microbial World + Exper. w. Microbes Lab (4)				4			
2. Geology course with lab (choose one pair):							
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. Nat'l. Parks + Lab (3)				3			
3. Science, Technology & Society (choose one):							
CHM 491 Chemistry in Societal Issues (3)				3			
EDT 374 The Nature of Science (3)				3			
GLG 207 Water and Society (spring) (3)				3			
PHL 205 Science and Culture (3)				3			
PHL 376 Environmental Philosophy (3)				3			
WCP 222 Natural Systems II (4)				4			
WCP 333.B or 334.B Sem. In Sci/Tech/Envir (4)				4			
ZOO 400 Capstone: Contemporary Issues (3)				3			
4. Choose one							
CHM 471 Physical Chemistry (3)				3			
PHY 286 Intro. To Computational Physics (3)				3			

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

SIGNATURES Candidate _____ Date _____

Advisor _____ Date _____

Director of Graduate Studies _____ Date _____