



**B .S. Ed. with Double Major in Elementary Education
and in Early Childhood Education
2007-2009 Catalog (page 1181)**

University of North Dakota
Department of Teaching and Learning

Date _____ Advisor _____

Student _____ ID # _____ Admitted to T&L _____

General Education Requirements (39 Units)

Communication 9 Units

Course	Units	Grade
English 110	3	
English 120 or 125	3	

Course	Units	Grade
Comm 110 (for ECE) Recommended	3	

Social Science 9 Units (Must be taken in a minimum of 2 departments)

Psyc 250 OR T&L 252 Take one of these courses	3-4	

Arts & Humanities 9 Units (Must be taken in a minimum of 2 departments)

Fine Arts 150 Required Course	3	

Math, Science & Technology 12 Units

Must be taken in a minimum of 3 departments and must include 2 science courses with corresponding labs. Courses with labs must be chosen from at least two different science areas: Physical, Biological, Earth and/or Space Studies. Math 103 or a higher math course is required unless a qualifying score is achieved on the math placement test.

Science	3	
Lab	1	
Math 103 or Higher Level	3	

Science	3	
Lab	1	

North Dakota Science Requirement: To obtain a teaching license in N. D. coursework must be completed in life, physical, earth, and space science. These courses may be taken from the Science Departments or from the T&L Science Department. Two areas of science may be satisfied with **one** course and will be determined by the **title** or **course content**. **The courses in italics and bolded double count for two science areas. See advisor for additional science course options for the North Dakota Teacher Licensure Requirements.**

*Note: T&L department science courses do not apply toward General Education Requirements
** denotes lab courses

Life Science Category		Physical Science Category		Earth Science Category	Space Studies Category
Hum 270 Intg. Studies Life Science (Fall)	Biol 150/L**	Hum 271/L Intg. Studies General Science (Spring)	Phys 130/L**	AtSc 110/L**	<i>Geog 121/L**</i>
Anth 170	Biol 151/L**	Chem 110/L**	<i>Phys 140 or 150/L</i>	Geol 101/L**or 102/L**or 103 or 104	<i>Phys 110/L**</i>
Biol 111/L**	Nutr 240	Chem 115 or 116/L**	Phys 161/162/L**	<i>Geol 111/111R</i>	SpSt 200, *420,*430
<i>Biol 124</i>	TL 472*	Chem 121 or 122/L**	Phys 211/212/L**	<i>Geog 121/L**</i> or Geog 134/L**	<i>T&L 473*</i>
Biol 240		<i>Phys 110/L**</i>	T&L 471*	<i>Biol 124</i>	<i>Geol 111/111R</i>
				<i>T&L 473*</i>	<i>Phys 150/L**</i>

World Cultures Requirement (This may also count as a General Education Requirement) Satisfied with _____

Computer Competency

CSci 101 & 101T or T&L 390 Technology for Teachers* *Recommended		
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You may demonstrate competency
to Faculty Advisor.

Faculty Approval: _____

Program Requirements

Introductory Courses (10 Units)

Introductory courses may be taken prior to formal admission into Teaching and Learning.

+Indicates prerequisite for TEAM and a grade of C or higher must be achieved in major/minor coursework.

Course	Units	Grade
+T&L 310 (co-req: T&L 286) Introduction to Early Childhood	3	
+T&L 315 Education of Exceptional Students	3	

Course	Units	Grade
+T&L 286 (was T&L 486) Field Experience (co-req: T&L 310)	1	
+T&L 330 Introduction to Teaching & Learning	3	

Post Admission Courses (18 Units): These courses may be taken upon formal admission to Teacher Education.

+Indicates prerequisite for TEAM and a grade of C or higher must be achieved in all courses

+T&L 328 OR +T&L 329 Survey of Children's Literature OR Young Adult Literature	3	
+T&L 335 Understanding Readers & Writers	3	
+Math 277 Math for Elementary School Teachers	3	

Art 460 Art for Elementary School Teachers	3	
Music 442 or 443 or (440 for music majors only) Music for Elementary School Teachers	3	
PEXS 305 Physical Education and Health for Elementary School Teachers	3	

Early Childhood Curriculum (24 Units)

***Must be admitted to Teacher Education Program**

*T&L 311 Observation & Description (Fall and Spring)	3	
T&L 312 Home School Relations (Fall and Summer)	3	
*T&L 313 Children's Language & Thought (Fall)	3	
T&L 314 Social/Emotional Dev. & Guidance (Spring and Summer)	3	
T&L 320 Infant/ Toddler Development & Learning (Spring and Summer)	3	

*+T&L 443 Math for Primary Grades (Fall and Spring) (Prerequisite for TEAM)	2	
*T&L 451 Methods & Materials: Pre-K (Fall and Summer)	3	
*T&L 453 Methods & Materials: Kindergarten (Spring and Summer)	2	
*T&L 454 Organization & Leadership in ECE (Spring)	2	

Other Required Courses (8-9 Units) – Post Admission Courses

Reading Course(s): T&L 411 (Pre-req: T&L 335)	2	
T&L 432 Classroom Management	3	

T&L 433 Multicultural Education (Counts as meeting the World Culture Requirement)	3	
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TEAM Courses Post Admission (14 Units) Teacher Education through Applied Methods

T&L 410 Reading & Writing	3	
T&L 430 Social Studies	3	
T&L 440 Math	3	

T&L 470 Science	3	
T&L 486 Field Experience	2	

NOTE: All Course work must be completed before Student Teaching

Practica – Post Admission (27 Units) PRAXIS II tests will need to be taken prior to graduation. **Test dates are limited, so plan accordingly.** Visit the ETS web site (www.ets.org/praxis) for the appropriate test(s) required.

T&L 456 Early Childhood Education Seminar	1	
T&L 487 Student Teaching-Elementary	16	

T&L 488 Senior Seminar	1	
T&L 487 Student Teaching: Pre-Kindergarten	9	

Programs preparing teacher educators and other school related personnel at UND are in compliance with the Title II, Higher Education Act and have reported their information to the North Dakota Education Standards and Practices Board.

Updated 6/20/07