



University of North Dakota
Department of Teaching and Learning

B.S. Ed. with a major in Elementary Education and a major in Middle Level Education

(Effective for students attending UND prior to Fall 2008)

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

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| Psyc 250 OR T&L 252 Take one of these courses | 3-4 | |
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Arts & Humanities - 9 Units (Must be taken in a minimum of 2 departments)***

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| Fine Arts 150 Required Course | 3 | |
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***Elementary Education requires **you must take a history course** which can count as either meeting a Social Science or Arts & Humanities requirement and **you must take a Geography course** which can count as either meeting a Social Science or Math, Science & Technology requirement.

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.

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| Science | 3 | |
| Lab | 1 | |
| Math 103 or Higher Level | 3 | |

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|---------|---|--|
| Science | 3 | |
| Lab | 1 | |
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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) | <i>Phys 140 or 150/L</i> | AtSc 110/L** | <i>Phys 110/L**</i> |
| Biol 111/L** | Biol 151/L** | Chem 115 or 116/L** | Phys 161/162/L** | Geol 101/L**or 102/L**or 103 or 104 | <i>Phys 150/L**</i> |
| <i>Biol 124</i> | TL 472* | Chem 121 or 122/L** | Phys 211/212/L** | <i>Geol 111/111R</i> | SpSt 200, *420,*430 |
| Biol 240 | | <i>Phys 110/L**</i> | T&L 471* | <i>Biol 124</i> | <i>T&L 473*</i> |
| | | Phys 130/L** | | <i>T&L 473*</i> | <i>Geol 111/111R</i> |

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

Computer Competency

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| T&L 339 Technology for Teachers | 2 | |
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Program Requirements (123 Units)

Areas of Concentration: 24 units each content areas.

Concentration areas include: information systems and business education, English, health minor, industrial technology, languages, mathematics, physical education & exercise science, science, social studies, and visual arts.

| Area #1: (24 units) | | |
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| Methods Course: | | |

| Area #2: (24 units) | | |
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| Methods Course: | | |
| * Additional Methods Course: | | |

Introductory Courses (Six 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.

| Course | Units | Grade |
|---|-------|-------|
| *T&L 315 Education of Exceptional Students | 3 | |

| Course | Units | Grade |
|---------------------------------------|-------|-------|
| *T&L 250 Introduction to Education | 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

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| *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 | |

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

Other Required Courses (24-25 units)

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| T&L 341 Foundations of Middle Level Education | 2 | |
| T&L 350 Development & Ed. of Young Adolescents | 3 | |
| T&L 339 Technology for Teachers | 2 | |
| T&L 409 Reading in Content Areas | 3 | |
| Reading Course(s): T&L 411, 412 OR 413/414 (Pre-req T&L 335) | 2-3 | |

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| T&L 432 Classroom Management | 3 | |
| T&L 465 Middle Level Curriculum & Methods | 5 | |
| T&L 433 Multicultural Education | 3 | |
| T&L 486 Field Experience | 2 | |
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TEAM Courses – Post Admission (14 units) Teacher Education through Applied Methods

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

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| T&L 470 Science | 3 | |
| T&L 486 Field Experience (Practica) | 2 | |

NOTE: All coursework must be completed before Student Teaching.

Practica–Post Admission (17 Units) PRAXIS II tests for Middle Level need to be completed before student teaching. Test dates are limited, so plan accordingly. Visit the ETS web site (www.ets.org/praxis) for the appropriate test(s) required.

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| T&L 487 Student Teaching | 16 | |
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| T&L 488 Senior Seminar (Taken with Student Teaching) | 1 | |
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