



Middle Level Academic Concentrations

Students pursuing a major in Middle Level Education must complete a minimum of 24 Units of coursework in two different subject areas that are normally included in the middle school curriculum.

CORE CONCENTRATIONS

Required courses are starred (*). In all cases, consult with an advisor when choosing classes.

English

(An English minor is recommended)

Course	Units	Grade
*Engl 271 Reading and Writing about Texts	3	
*Engl 272 Intro to Literary Criticism	3	
*Engl 308 (formally Adv. Comp) The Art of Writing Nonfiction OR Engl 408 Adv. Comp. II	3	
*Engl 309 Modern Grammar	3	
*Comm 110 Fundamentals of Public Speaking	3	
*T&L 416 Adolescent Literacy Development (Fall)	3	
*Engl 421 Methods & Materials of Teaching Middle/Secondary Writing & Language	3	
*Engl 422 Methods & Materials of Teaching Middle/Secondary Reading & Lit	3	
*T&L 486 Field Experience: English	2	

Select 10 additional Units from the following courses. A minimum of 9 Units must be numbered 300 or above. Other courses may be selected, consult your advisor.

Course	Units	Grade
Engl 225 Introduction to Film	3	
Engl 226 Introduction to Creative Writing	3	
Engl 227 Intro to Literature & Culture	3	
Engl 265 Native American Literature	3	
Engl 303 Survey of American Literature I	3	
Engl 304 Survey of American Literature II	3	
Engl 315 & 316 Shakespeare	6	
Engl 357 Women Writers and Readers	3	
Engl 359 Young Adult Literature	3	
Engl 365 Black American Writers	3	

>Note that Engl 110, 120, and 125 will **not** count toward the certification

Social Studies

Course	Units	Grade
*Hist 101 Western Civilization I OR Hist 102 Western Civilization II	3	
*Hist 103 U.S. History to 1877	3	
*Hist 104 U.S. History Since 1877	3	
*Hist 220 History of North Dakota	3	
*Geog 319 Geography for Teachers Plus T&L 386 Field Experience Or Geog 419 Methods & Materials in Geographic Education	2 1 3	
*Geog 161 World Regional Geography	3	
*Geog 262 Geography of North America I Or Geog 263 Geography of North Dakota	3	
Geog 121/121L Physical Geography	3/1	
*T&L 400 Methods & Materials: Social Studies	3	
*T&L 486 Field Experience: Social Studies	2	

Mathematics

Course	Units	Grade
*Math 103 College Algebra (Fall, Spring, or Summer) OR *Math 107 Pre-calculus (Fall, Spring, or Summer)	3 Or 4	
*Math 115 Introduction to Mathematical Thought (Fall or on demand)	3	
*Math 277 Math for Elementary School Teachers (Fall or Spring)	3	
*Math 377 Geometry for Elementary Teachers (Spring)	3	
*Math 477 Topics in Elementary School Mathematics (Fall)	3	
*One additional course from the following options: Math 146 Applied Calculus, Math 165 Calculus I Or Math 208 Discrete Mathematics	3 4 3	
*T&L 400 Methods & Materials: Mathematics	3	
*T&L 486 Field Experience: Mathematics	2	
Math 479 Topics in Mathematics Education	1-3	
T&L 498 Math Practicum	2-3	

Science

Course	Units	Grade
*Biol 150/150L General Biology I with required Lab	3 1	/ /
*Geol 101/101L Introduction to Geology/required Lab	3 1	/ /
*Geol 102/102L Earth Through Time/optional Lab	3 1	/ /
*Phys 130 Natural Science – Physics	4	
Phys 110/110L Astronomy with optional Lab	3 1	/ /
*Chem 121/121L Chemistry/required Lab	3 1	/ /
*One additional Life Science Elective from the following: Biol 151-General Biology II Biol 312-Evolution Biol 332-General Ecology Biol 336-Systematic Botany	3 3 3 4	
*T&L 400 Methods & Materials in Science	3	
*T&L 486 Field Experience: Science	2	

NON CORE CONCENTRATIONS

Required courses are starred (*). In all cases, consult an advisor and the catalog before selecting classes.

Art

Course	Units	Grade
*ART 110 Introduction to Visual Art	3	
*ART 112 Basic Design	3	
*ART 130 Drawing I	3	
*ART 151 Intro To Ceramics	3	
*ART 210 or 211 History of Art I or II	3	
*ART 220 Painting I	3	
*ART 230 Drawing II	3	
*ART 461 Methods & Materials: Art Ed	3	
*T&L 486 Field Experience: Art Ed	2	

Foreign Languages

Required coursework in a single foreign language must include the following:

- Minimum of 9-12 upper level semester hours in a single language
- Composition and conversational structure of the language
- Culture, customs, and civilization relative to the language
- Introduction to literature in the language
- Methods of teaching foreign language (T&L 400 – 3 units offered in fall only)
- T&L 486 –Field Experience: Foreign Language – 2 Credits

Industrial Technology

Course	Units	Grade
TECH 110 - Fundamentals of Technology (Fall)	2	
*TECH 122 Computer Aided Design/Draft (Fall)	3	
*TECH 201 Electromechanical Fundamentals (Fall)	3	
TECH 202 - Adv Application of CADD Techniques (Spring)	3	
*TECH 203 Production Processes: Manufacturing (Spring)	3	
*TECH 204 - Industrial Materials & Testing (Fall)	3	
TECH 211 Electric Circuits and Devices (Spring)	3	
*TECH 212 Principles-Graphic Design & Print Production (Fall)	3	
*TECH 213 Production Processes: Construction (Fall/2)	3	
TECH 223 Applied Synthetics (Fall/2)	3	
*TECH 400 Teaching Technology Education (Fall/2)	3	
*TECH 486 - Field Experience: Technology Education (Fall/2)	2	

Health

Course	Units	Grade
*PXW 310 First Aid and CPR	2	
*PXW 326 Fundamentals of Physical Conditioning (on demand)	3	
*PXW 327 Fitness for Life	3	
*PXW 403 School Health Education	2	
*PSYC 250 Developmental Psychology	4	
*NUTR 240 Fundamentals of Nutrition	3	
*Geol 103 Intro to Environmental Issues	3	
*T&L 252 Child Development OR SOC 335 The Family	3	
*PPT 410 Drugs Subject to Abuse OR SOC 355 Drugs and Society OR SWK 410 Drugs: Addition Dynamics	2-3	
*T&L 486 Field Exper: Middle School	2	

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.