



# Education & Training Career Cluster

Pathway	OCCUPATIONS RELATING TO THIS CAREER CLUSTER
<b>Administration &amp; Administration Support</b>	Superintendent • Principal • Instructional Media Designer • Educational Researcher • Test Measurement Specialist • Curriculum and Instruction Specialist
<b>Professional Support Services</b>	School or Career Development Counselor • Psychologist (Clinical, Developmental, Social) • Speech Language Pathologist/Audiologist • Social Worker
<b>Teaching/Training</b>	Elementary & Secondary Teachers • University Professor • Special Education Teacher • Preschool/Early Childhood Teacher • Child Care Director • Aide/Paraprofessional

HIGH SCHOOL COURSE REQUIREMENTS				
English	Math	Science	Social Studies	Physical Education
Four units required to graduate; including literature, composition, and speech.	Three units required to graduate	Three units required to graduate.	Three units required to graduate.	One unit required to graduate.
<b>Choices may include:</b>	<b>Choices may include:</b>	<b>Required Units:</b>	<b>Required Units:</b>	<b>Required Units:</b>
<input type="checkbox"/> English 9      05071	<input type="checkbox"/> Algebra I      11031	<input type="checkbox"/> Physical Science      13030	<input type="checkbox"/> U.S. History      15085	<input type="checkbox"/> Physical Education 1 unit      08030
<input type="checkbox"/> English 10      05072	<input type="checkbox"/> Geometry      11120	<input type="checkbox"/> Biology      13020	<input type="checkbox"/> American Government ½ unit <b>AND</b> 15111	<b>OR</b>
<input type="checkbox"/> English 11      05073	<input type="checkbox"/> Advanced Algebra      11032	<input type="checkbox"/> One additional unit of Science	<input type="checkbox"/> Economics ½ unit      15060	<input type="checkbox"/> Physical Education ½ unit <b>AND</b> 08030
<input type="checkbox"/> English 12      05074		<b>OR</b>	<b>OR</b>	<input type="checkbox"/> Health ½ unit      18010
		<input type="checkbox"/> Biology      13020	<input type="checkbox"/> Problems of Democracy 1 unit      15201	
		<input type="checkbox"/> Chemistry      13031		
		<input type="checkbox"/> Physics      13042	<b>Additional units may include:</b>	
			<input type="checkbox"/> Civics	
			<input type="checkbox"/> Geography	
			<input type="checkbox"/> Psychology	
			<input type="checkbox"/> World History	

Career and Technical Education Electives		Extended Learning Opportunities	
Three units of foreign or Native American language, fine arts, or career and technical education are required to graduate.			
Business Education	Family Consumer Sciences Education	School-Based:	Community Based:
<input type="checkbox"/> Word Processing      14096	<input type="checkbox"/> Child Development      09026	<input type="checkbox"/> FBLA	<input type="checkbox"/> Mentorship
<input type="checkbox"/> Financial Literacy      14095	<input type="checkbox"/> Individual and Family Health      09129	<input type="checkbox"/> FCCLA	<input type="checkbox"/> Volunteer
<input type="checkbox"/> Communication Technologies      14028	<input type="checkbox"/> Parenting      09130	<input type="checkbox"/> FFA	<input type="checkbox"/> Part-time Employment
	<input type="checkbox"/> Nutrition and Foods Preparation I      09131	<input type="checkbox"/> DECA	<input type="checkbox"/> Service-Learning Project
	<input type="checkbox"/> Family Living      09132	<input type="checkbox"/> SkillsUSA	<input type="checkbox"/> Job Shadow
<b>Health Science Education</b>	<input type="checkbox"/> Consumer & Resource Management      09028	<input type="checkbox"/> TSA	<input type="checkbox"/> Internship
<input type="checkbox"/> Prevention/Care of Athletic Injuries      07034	<input type="checkbox"/> Early Childhood Care & Education Services      09211	<input type="checkbox"/> Career Research	
<input type="checkbox"/> Emergency Medical Services      07045	<input type="checkbox"/> Teaching Profession      09041	<input type="checkbox"/> Cooperative Work Experience	
<input type="checkbox"/> Sign Language I      07021	<input type="checkbox"/> Educational Methodology      09042		
<input type="checkbox"/> Sign Language II      07022			
<input type="checkbox"/> Sign Language III      07023			
<input type="checkbox"/> Sign Language IV      07024			

### North Dakota Education & Training Related Postsecondary Programs

Pathway	Certificate or Associate's Degree	Bachelor's Degree	Master's Degree or More
<b>Administration &amp; Administration Support</b>			<input type="checkbox"/> Educational Leadership (NDSU, UND) <input type="checkbox"/> Elementary Administration (UM) <input type="checkbox"/> Secondary Administration (UM)
<b>Professional Support Services</b>	<input type="checkbox"/> American Sign Language and Interpreting Studies (LRSC) <input type="checkbox"/> Early Child Development Associate (DCB, NHSC) <input type="checkbox"/> Paraprofessional Education (DCB) <input type="checkbox"/> Speech Language Pathology Paraprofessional (LRSC, WSC)	<input type="checkbox"/> Communication Sciences & Disorders (MiSU, UM, UND) <input type="checkbox"/> Communication (DSU) <input type="checkbox"/> Interpreting & Sign Language Studies (MiSU)	<input type="checkbox"/> Communication Sciences and Disorders (MiSU, UND) <input type="checkbox"/> Counseling (NDSU, UJ, UM, UND) <input type="checkbox"/> Counseling Psychology (UND) <input type="checkbox"/> Counseling with K-12 School Emphasis (NDSU, UM, UND) <input type="checkbox"/> Library and Information Technologies (VCSU)
<b>Teaching/Training</b>	<input type="checkbox"/> Anishinaabe Language (TMCC) <input type="checkbox"/> Business Education transfer (BSC, DCB) <input type="checkbox"/> Dakota Studies (CCCC) <input type="checkbox"/> Early Childhood Education (BSC, CCCC, DCB, LRSC, MaSU, NDSCS, NHSC, RC, SBC) <input type="checkbox"/> Education transfer (NDSCS, SBC) <input type="checkbox"/> Elementary Education transfer (BSC, DCB, NDSCS, UTTC) <input type="checkbox"/> Foreign Language transfer (BSC) <input type="checkbox"/> Health, Physical Education and Recreation transfer (CCCC, NDSCS, UTTC) <input type="checkbox"/> Lakhotiyapi/Dakhotiyapi I/II (SBC) <input type="checkbox"/> Middle School Math Certificate (NHSC) <input type="checkbox"/> Middle School Science Certificate (NHSC) <input type="checkbox"/> Native American Studies (SBC) <input type="checkbox"/> Physical Education transfer (BSC, DCB) <input type="checkbox"/> Secondary Education transfer (BSC, DCB) <input type="checkbox"/> Special Education transfer (DCB) <input type="checkbox"/> Teacher Education transfer (SBC)	<input type="checkbox"/> Agriculture Education (NDSU) <input type="checkbox"/> Art Education (DSU, MiSU, NDSU, VCSU) <input type="checkbox"/> Biology Education (DSU, MaSU, MiSU, NDSU, UJ, UM, VCSU) <input type="checkbox"/> Business Education (DSU, MiSU, UM, VCSU) <input type="checkbox"/> Career and Technical Education (VCSU) <input type="checkbox"/> Chemistry Education (DSU, MaSU, MiSU, NDSU, VCSU) <input type="checkbox"/> Composite/Comprehensive Science Education (DSU, NDSU) <input type="checkbox"/> Early Childhood Education (MaSU, MiSU, RC, SBC, UM, UND) <input type="checkbox"/> Earth Science Education (MiSU, NDSU) <input type="checkbox"/> Elementary Education (DSU, MaSU, MiSU, NHSC, SBC, TBC, TMCC, UTTC, UJ, UM, UND, VCSU) <input type="checkbox"/> English Education (DSU, MaSU, MiSU, NDSU, UJ, UM, VCSU) <input type="checkbox"/> Exceptional Learners (UM) <input type="checkbox"/> Family & Consumer Sciences Education (NDSU) <input type="checkbox"/> Foreign Language Education (MiSU) <input type="checkbox"/> French Education (NDSU) <input type="checkbox"/> Health Education (MaSU, NDSU, VCSU) <input type="checkbox"/> History Education (DSU, MaSU, MiSU, NDSU, UJ, UM, VCSU) <input type="checkbox"/> Math Education (DSU, MaSU, MiSU, NDSU, UJ, UM, VCSU) <input type="checkbox"/> Middle Level Education (UND) <input type="checkbox"/> Music Education (DSU, MiSU, UJ, UM, UND, VCSU) <input type="checkbox"/> Native American Studies (NHSC, SBC) <input type="checkbox"/> Physical Educ. (DSU, MaSU, MiSU, NDSU, TBC, UJ, UM, VCSU) <input type="checkbox"/> Physics Education (NDSU) <input type="checkbox"/> Science Education (SBC, TMCC, UND) <input type="checkbox"/> Social Science Education (DSU, MaSU, MiSU, UM, UND, VCSU) <input type="checkbox"/> Spanish Education (NDSU) <input type="checkbox"/> Special Education (MaSU, MiSU, UM) <input type="checkbox"/> Teacher Education (UJ) <input type="checkbox"/> Technology Education (DSU, VCSU)	<input type="checkbox"/> Agriculture Education (NDSU) <input type="checkbox"/> Curriculum and Instruction (NDSU, SBC, UJ, UM, UND) <input type="checkbox"/> Early Childhood Education (UND) <input type="checkbox"/> Education (MiSU, NDSU, UM, VCSU) <input type="checkbox"/> Educational Foundations and Research (UND) <input type="checkbox"/> Education Leadership (NDSU, UND) <input type="checkbox"/> Education Studies (UND) <input type="checkbox"/> Elementary Education (UND, VCSU) <input type="checkbox"/> English Education (NDSU, VCSU) <input type="checkbox"/> English Language Learner (ELL) Education (VCSU) <input type="checkbox"/> Extension Education (NDSU) <input type="checkbox"/> Family & Consumer Sciences Education (NDSU) <input type="checkbox"/> Higher Education (UND) <input type="checkbox"/> History Education (NDSU) <input type="checkbox"/> Instructional Design and Technology (UND) <input type="checkbox"/> Mathematics Education (NDSU, UND) <input type="checkbox"/> Music Education (MiSU, NDSU, UND) <input type="checkbox"/> Reading Education (UM, UND) <input type="checkbox"/> Science Education (NDSU) <input type="checkbox"/> Social Science Education (NDSU) <input type="checkbox"/> Special Education (MiSU, UM, UND) <input type="checkbox"/> Teaching (DSU, MaSU, VCSU) <input type="checkbox"/> Teaching and Learning (UND) <input type="checkbox"/> Teaching Technology (VCSU) <input type="checkbox"/> Technology Education (VCSU)

### North Dakota Postsecondary Institutions Offering Education & Training Related Programs

<b>BSC</b> Bismarck State College	<a href="http://www.bismarckstate.edu">www.bismarckstate.edu</a>	<b>RC</b> Rasmussen College	<a href="http://www.rasmussen.edu">www.rasmussen.edu</a>
<b>CCCC</b> Cankdeska Cikana Community College	<a href="http://www.littlehoop.edu">www.littlehoop.edu</a>	<b>SBC</b> Sitting Bull College	<a href="http://www.sittingbull.edu">www.sittingbull.edu</a>
<b>DCB</b> Dakota College at Bottineau	<a href="http://www.dakotacollege.edu">www.dakotacollege.edu</a>	<b>TBC</b> Trinity Bible College	<a href="http://www.trinitybiblecollege.edu">www.trinitybiblecollege.edu</a>
<b>DSU</b> Dickinson State University	<a href="http://www.dickinsonstate.edu">www.dickinsonstate.edu</a>	<b>TMCC</b> Turtle Mountain Community College	<a href="http://www.tm.edu">www.tm.edu</a>
<b>LRSC</b> Lake Region State College	<a href="http://www.lrsc.edu">www.lrsc.edu</a>	<b>UTTC</b> United Tribes Technical College	<a href="http://www.uttcc.edu">www.uttcc.edu</a>
<b>MaSU</b> Mayville State University	<a href="http://www.mayvillestate.edu">www.mayvillestate.edu</a>	<b>UJ</b> University of Jamestown	<a href="http://www.uj.edu">www.uj.edu</a>
<b>MiSU</b> Minot State University	<a href="http://www.minotstate.edu">www.minotstate.edu</a>	<b>UM</b> University of Mary	<a href="http://www.umary.edu">www.umary.edu</a>
<b>NDSCS</b> ND State College of Science	<a href="http://www.ndscs.edu">www.ndscs.edu</a>	<b>UND</b> University of North Dakota	<a href="http://www.und.edu">www.und.edu</a>
<b>NDSU</b> ND State University	<a href="http://www.ndsu.edu">www.ndsu.edu</a>	<b>VCSU</b> Valley City State University	<a href="http://www.vcsu.edu">www.vcsu.edu</a>
<b>NHSC</b> Nueta Hidatsa Sahnish College	<a href="http://nhsc.edu">http://nhsc.edu</a>	<b>WSC</b> Williston State College	<a href="http://www.willistonstate.edu">www.willistonstate.edu</a>