

LEADERS CAN START ANYWHERE... AND FINISH THEIR DEGREE AT UND

When you begin your Associate of Science Transfer Pathway at Williston State College.

Courses are sequenced to provide guidance and to help ensure that prerequisites are met.

Catalog Year: 2022-2023

Plan of Study: Bachelor of Science Geological Engineering

Begin courses at Williston State College		
First Year First Semester		
	ENGL 110: College Composition I	3
	UNIV 100: College Strategies	1
	MATH 165: Calculus I	4
	CHEM 121/L: General Chemistry I L/L	5
	Approved ND Course: HUM/FA/HIST	3
	Wellness Course	2
Total Credits		18
First Year Second Semester		
	ENGL 120: College Composition II	3
	Approved ND Course: COMPSCI	3
	MATH 166: Calculus II	4
	Approved ND Course: HUM/FA/HIST	3
	CHEM 122/L: General Chemistry II/Lab	5
Total Credits		18
Second Year First Semester		
	COMM 110: Fundamentals of Public Speaking	3
	MATH 265: Calculus III	4
	GEOL 105: Physical Geology L/L	4
	PHYS 251: University Physics I	5
	Approved ND Course: SS	3
Total Credits		19
Apply to UND by April 15		
<ul style="list-style-type: none"> Complete online application at UND.edu/transfer Request Williston State College transcripts here to be sent to UND. 		
Apply for scholarships at UND by March 1		
<ul style="list-style-type: none"> After admission submit application for campus-wide scholarships in UND's Scholarship Central 		
Second Year Second Semester		
	MATH 266: Introduction to Differential Equations	3
	MATH 210: Elementary Statistics	3
	PHYS 252: University Physics II L/L	5
	Approved ND Course: SS	3
	GEOE 323: Engineering Geology*	2
	ENGR 201: Statics*	3
Total Credits		19
Admitted? Take next steps to begin at UND		
<ul style="list-style-type: none"> Begin new Transfer Student Checklist Sign up for Orientation 		

Third Year First Semester		
	GEOL 414: Applied Geophysics	3
	GEOE 417: Hydrogeology	3
	GEOE 412: Soil Mechanics	3
	ME 341: Thermodynamics	3
	ENGR 200: Computer Applications in Engineering	2
	ENGR 203: Mechanics of Materials	3
Total Credits		17
Third Year Second Semester		
	GEOL 356: Geoscience Lectures	1
	GEOL 330: Structural Geology**	3
	Approved Elective	3
	Approved Elective	3
	Approved Fluid Mechanics Course (CE 306 or ME 306)	3
	GEOE 301/L: Petrophysics/Lab***	4
Total Credits		17
Summer Semester		
	Field Camp South Dakota School of Mines	6
Total Credits		6
Fourth Year Second Semester		
	GEOE 484: Geological Engineering Design	3
	GEOL 421: Seminar I	1
	GEOE 455/L: Geomechanics/Lab	3
	ENGR 340: Professional Integrity in Engineering	3
	Approved Engineering Elective (ENGR 202 or ENGR 206)	3
Total Credits		13
Apply to graduate from UND		
<ul style="list-style-type: none"> After registering for your last semester of courses, apply at UND.edu/commencement 		
Fourth Year Second Semester		
	GEOE 485: Geological Engineering Design	3
	GEOL 422: Seminar II	1
	GEOL 411: Sedimentology and Stratigraphy**	5
	Approved Elective	3
	ENGR 460: Engineering Economy***	3
Total Credits		15
TOTAL CREDITS TO GRADUATE		142

This information is provided as guide only. Students are strongly encouraged to meet with their major specific UND advisor.

An official evaluation of transfer credit will be done upon admission to the university. Transfer credits will be evaluated and applied according to the current catalog and the approved Essential Studies list at the first semester of enrollment at UND.

Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.

Students are required to fulfill UND graduation and GPA requirements to receive a degree and should consult with their UND advisor and the undergraduate catalog for details.

**Courses must be taken through UND (can be done so remotely) in order for sequencing of plan. Students can enroll through collaborative registration.*

***Certain prerequisites for courses are waived per department. Contact advisor for more information.*

****GEOE 301/L is only offered during spring of odd years. Students should swap GEOE 301/L with ENGR 460 based on offerings.*