

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

When you begin your Associate in Science at Williston State College
Plan of Study: Bachelor of Science in Geological Engineering

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

Catalog Year: 2022-2023

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

Third Year First Semester		
	GEO 414: Applied Geophysics	3
	GEOE 417: Hydrogeology	3
	GEOE 412: Soil Mechanics	3
	ME 341: Thermodynamics	3
	ENGR 203: Mechanics of Materials	3
	ENGR 200: Computer Applications in Engineering	2
Total Credits		17
Third Year Second Semester		
	GEO 356: Geoscience Lectures	1
	GEO 330: Structural Geology**	3
	Approved Elective	3
	Approved Elective	3
	Approved Fluid Mechanics Course	3
	GEOE 301/L: Petrophysics/Lab	3/1
Total Credits		17
Field Camp should be taken in summer between third and fourth year- 6 credits		
Fourth Year First Semester		
	GEOE 484: Geological Engineering Design	3
	GEO 421: Seminar I	1
	GEOE 455/L: Geomechanics/Lab	3
	ENGR 340: Professional Integrity in Engineering	3
	Approved Engineering Elective	3
Total Credits		18
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
	GEO 422: Seminar II	1
	Approved Elective	3
	ENGR 460: Engineering Economy***	3
	GEO 411: Sedimentology and Stratigraphy	5
Total Credits		15

*Course must be taken through UND (can be done so remotely) in order for sequencing of plans. Students can enroll in course through collaborative registration processes.

**Certain prerequisites have been waived per department. Contact advisor for more information.

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

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.