

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 Civil 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
	Total Credits	16
First Year Second Semester		
	COMM 110: Fundamentals of Public Speaking	3
	MATH 166: Calculus II	4
	Wellness Course	2
	ENGL 120: College Composition II	3
	Approved ND Course: COMPSCI	3
	Approved ND Course: HUM/FA/HIST	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
	CE 101: Introduction to Civil Engineering*	1
	ENGR 201: Statics*	3
	Total Credits	17
<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
	ENGR 202: Dynamics*	3
	ENGR 203: Mechanics of Materials*	3
	Total Credits	18
<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		
	CE 306: Fluid Mechanics	3
	CE 351: Structural Mechanics	4
	CE 411: Civil Engineering Materials Lab	1
	CE 412/L: Soil Mechanics/Lab	3/1
	CE 313/L: General Surveying/Lab	2/1
	ENGR 200: Computer Applications in Engineering	2
Total Credits		17
Third Year Second Semester		
	CE 423/L: Hydraulic Engineering & Lab	3/1
	CE 431/L: Environmental Engineering I & Lab	3/1
	CE 451: Steel Design	3
	Advanced Science Elective	4
	CE 103: Graphical Communication	3
Total Credits		18
Fourth Year First Semester		
	CE 421: Hydrology	3
	CE 432: Environmental Engineering II	3
	CE 453: Reinforced Concrete	3
	CE 482: Civil Engineering Design I	3
	ENGR 340: Professional Integrity in Engineering	3
	ENGR 460: Engineering Economy	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		
	CE 414: Foundation Engineering	3
	CE 416: Transportation Engineering	3
	CE 444: Contracts and Specifications	3
	CE 483: Civil Engineering Design II	3
	Approved CE Technical Elective	3
	Approved CE Technical Elective	3
Total Credits		18

*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.

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.