

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

When you begin your Associate in Science- Engineering Option at Dickinson State University.

## 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 Dickinson State University		
First Year   First Semester		
	CHEM 121/L: General Chemistry I/Lab	5
	MATH 165: Calculus I	4
	UNIV 100: Freshman Seminar	1
	ENGL 110: College Composition I	3
	COMM 110: Fundamentals of Public Speaking	3
	Approved Social Science Course	3
<b>Total Credits</b>		<b>19</b>
First Year   Second Semester		
	CHEM 122/L: General Chemistry II/Lab	5
	MATH 166: Calculus II	4
	PHYS 251/L: University Physics I/Lab	5
	ENGL 120: College Composition II	3
	Approved Literature Course	3
<b>Total Credits</b>		<b>20</b>
Second Year   First Semester		
	MATH 265: Calculus III	4
	Approved General Education Elective	3
	Approved Human Behavior & Governance Course	3
	CE 101: Introduction to Civil Engineering*	1
	ENGR 201: Statics*	3
	ENGR 200: Computer Applications in Engineering*	2
<b>Total Credits</b>		<b>16</b>
<p><b>Apply to UND by April 15</b></p> <ul style="list-style-type: none"> <li>Complete online application at <a href="https://www.und.edu/transfer">UND.edu/transfer</a></li> <li>Request transcripts to be sent to UND <a href="https://www.und.edu/transfer">from DSU</a>.</li> </ul> <p><b>Apply for scholarships at UND by March 1</b></p> <ul style="list-style-type: none"> <li>After admission submit application for campus-wide scholarships in UND's <a href="https://www.und.edu/scholarship-central">Scholarship Central</a></li> </ul>		
Second Year   Second Semester		
	MATH 266: Introduction to Differential Equations	4
	Approved Global Perspective Course	3
	Approved Well-Being Course	2
	Approved Creative Expressions Course	3
	ENGR 202: Dynamics*	3
	ENGR 203: Mechanics of Materials*	3
<b>Total Credits</b>		<b>18</b>

**Take next steps to begin at UND**

- Begin new student checklist at [UND.edu/admitted](http://UND.edu/admitted)
- Attend UND Transfer Student Orientation at [UND.edu/orientation](http://UND.edu/orientation)

**Third Year | First Semester**

	CE 306: Fluid Mechanics	3
	CE 351: Structural Mechanics	4
	CE 411: Civil Engineering Materials Lab	3
	CE 412/L: Soil Mechanics/Lab	4
	Approved Statistics Course	3
	CE 313/L: General Surveying/Lab	3
<b>Total Credits</b>		<b>16</b>

**Third Year | Second Semester**

	CE 423/L: Hydraulic Engineering/Lab	4
	CE 431/L: Environmental Engineering I/Lab	4
	CE 451: Steel Design	3
	Approved GEOL/GEOE Course	3
	CE 103: Graphical Communication	3
<b>Total Credits</b>		<b>17</b>

**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 460: Engineering Economy	3
	ENGR 340: Professional Integrity in Engineering	3
<b>Total Credits</b>		<b>18</b>

**Apply to graduate from UND**

- After registering for your last semester of courses, apply at [UND.edu/commencement](http://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 Technical Elective	3
	Approved Technical Elective	3
<b>Total Credits</b>		<b>18</b>

\*Course should be taken through collaborative agreement with UND through online/distance courses in the semester listed.

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.