

# UNIVERSITY OF NORTH DAKOTA ~ CIVIL ENGINEERING CURRICULUM GRADUATION STATUS SHEET

Updated: \_\_\_\_\_

**STUDENT:**  
**EMPL ID#:**  
**ADMIT DATE:**  
**TRANSFER FROM:**

**DEGREE PROGRAM:**  
**GRADUATION DATE:**  
**CATALOG YEAR:**

### GENERAL EDUCATION REQUIREMENTS

AREAS (min. credits)	UND Credits	Transfer Credit	Semester Taken	Credit Rec'd	Grade	Honor Points
<b>COMMUNICATION (9)</b>						
ENGL 110	3					0.00
ENGL 125 or ENGL120	3					0.00
SEE CIEN 301 & CIEN 302 (Junior Year)						
<b>SOCIAL SCIENCE (9)</b>						
ECON 201	3					0.00
_____	3					0.00
_____	3					0.00
<b>ARTS &amp; HUMANITIES (9)</b>						
_____	3					0.00
_____	3					0.00
_____	3					0.00
<b>Subtotal (24)</b>	<b>0</b>			<b>0</b>		

\* World Cultures = fulfilled in either SS or A&H  
BSCE Ethics Requirement = Phil 370 or ME 370 or ChE 340

### MATHEMATICS, SCIENCE AND TECHNOLOGY

<b>MATHEMATICS (18)</b>						
MATH 165	4					0.00
MATH 166	4					0.00
MATH 265	4					0.00
MATH 266	3					0.00
ECON 210 or MATH 321 or PSYC 241	3					0.00
<b>CHEMISTRY (8)</b>						
CHEM 121	3					0.00
CHEM 121L	1					0.00
CHEM 122 or BIOL 150	3					0.00
CHEM 122L or BIOL 150L	1					0.00
<b>PHYSICS (8)</b>						
PHYS 251/251L	4					0.00
PHYS 252/252L	4					0.00
<b>Subtotal (34)</b>	<b>0</b>			<b>0</b>		

### GENERAL ENGINEERING & ENGINEERING SCIENCE

CIEN 101	1					0.00
ENGR 101	3					0.00
ENGR 200	2					0.00
GEOE 203 or GEOL 101	3					0.00
EE 206 or IT 211	3					0.00
ENGR 460	3					0.00
<b>Subtotal (15)</b>	<b>0</b>			<b>0</b>		

#### University Requirements:

60 hours at 4-year institution.....	_____
Last 30 credits in residence at UND.....	_____
Completed General Education Requirements.....	_____
36 hours of 300 level courses or above.....	_____
135 total credits.....	_____
Minimum 2.0 cumulative GPA.....	_____
Minimum 2.0 UND GPA.....	_____

### CIVIL ENGINEERING SCIENCE/DESIGN

	UND Credits	Transfer Credit	Semester Taken	Credit Rec'd	Grade	Honor Points
<b>SOPHOMORE YEAR</b>						
CIEN 201	1					0.00
CIEN 313	2					0.00
CIEN 313L	1					0.00
ENGR 201	3					0.00
ENGR 203	3					0.00
<b>JUNIOR YEAR</b>						
CIEN 301	2					0.00
CIEN 302	2					0.00
CIEN 306	3					0.00
CIEN 351	4					0.00
CIEN 412	2					0.00
CIEN 423	2					0.00
CIEN 431	3					0.00
CIEN 451	3					0.00
ENGR 202	3					0.00
<b>SENIOR YEAR</b>						
CIEN 414	3					0.00
CIEN 416	3					0.00
CIEN 421	3					0.00
CIEN 432	3					0.00
CIEN 444	3					0.00
CIEN 453	3					0.00
CIEN 482	2					0.00
CIEN 483	2					0.00
<b>Subtotal (56)</b>	<b>0</b>			<b>0</b>		
<b>ELECTIVES</b>						
<b>TECHNICAL (6)</b>						
_____	3					0.00
_____	3					0.00
<b>Subtotal (6)</b>	<b>0</b>			<b>0</b>		

**TOTAL CREDITS (135): 0.00**

**UND ENGR. GPA (2.0): 0.000**

**OVERALL GPA: 0.000**

On-Campus Student: \_\_\_\_\_ DEDP Student: \_\_\_\_\_

I certify that the student named on this contract meets the requirements for a degree of:  
**Bachelor of Science in Civil Engineering (BSCE).**

\_\_\_\_\_  
Chair, Civil Engineering Date

\_\_\_\_\_  
Dean, School of Engineering and Mines Date

**UND COURSE NO.    UND COURSE TITLE****GENERAL EDUCATION REQUIREMENTS**

CHEM 121/121L	General Chemistry I/Lab
CHEM 122/122L	General Chemistry II/Lab
or BIOL 150/150L	General Biology I/Lab
ECON 201	Principles of Microeconomics
ECON 210	Intro. To Business & Economic Statistics
or MATH 321	Applied Statistical Methods
or PSYC 241	Intro. To Statistics
ENGL 110	College Composition I
ENGL 125	Technical & Business Writing
or ENGL 120	College Composition II
MATH 165	Calculus I
MATH 166	Calculus II
MATH 265	Calculus III
MATH 266	Elementary Differential Equations
PHIL 370	Ethics in Engineering & Science
or ME 370	Engineering Disasters & Ethics
or ChE 340	Engrs & Scientists in Society
PHYS 251/251L	University Physics I/Lab
PHYS 252/252L	University Physics II/Lab

**GENERAL ENGINEERING & ENGINEERING SCIENCE**

CIEN 101	Introduction to Civil Engineering
CIEN 201	Introduction to AutoCAD for Civil Engineering
CIEN 301	Civil Engineering Lab 1
CIEN 302	Civil Engineering Lab 2
CIEN 306	Fluid Mechanics
CIEN 313/313L	General Surveying/Laboratory
CIEN 351	Structural Mechanics
CIEN 412	Soil Mechanics
CIEN 414	Foundation Engineering
CIEN 416	Transportation Engineering
CIEN 421	Hydrology
CIEN 423	Hydraulic Engineering
CIEN 431	Environmental Engineering I
CIEN 432	Environmental Engineering II
CIEN 444	Contracts and Specifications
CIEN 451	Steel Design
CIEN 453	Reinforced Concrete
CIEN 482	Civil Engineering Design
CIEN 483	Civil Engineering Design
EE 206	Circuit Analysis
or IT 211	Electrical Circuits and Devices
ENGR 101	Graphical Communications
ENGR 200	Computer Applications in Engineering
ENGR 201	Statics
ENGR 202	Dynamics
ENGR 203	Mechanics of Materials
ENGR 460	Engineering Economy
GEOE 203	Geology for Engineers
or GEOL 101	Introduction To Geology

**FIRST YEAR - Fall Semester (17 credits)**

CHEM 121/121L - General Chemistry I/Laboratory
ENGL 110 - College Composition I
ENGR 101 - Graphical Communication
MATH 165 - Calculus I
General Education Requirement - Elective

**FIRST YEAR - Spring Semester (17 credits)**

CHEM 122/122L - General Chemistry II/Laboratory
or BIOL 150/150L - General Biology I/Laboratory
CIEN 101 - Introduction to Civil Engineering
ENGL 125 - Tech. & Business Writing
or ENGL 120 - College Composition II
ENGR 200 - Computer Applications
MATH 166 - Calculus II
General Education Requirement - Elective

**SECOND YEAR - Fall Semester (17 credits)**

CIEN 313/313L - General Surveying/Laboratory
ENGR 201 - Statics
GEOE 203 - Geology for Engineers
or GEOL 101 - Intro to Geology/Laboratory
MATH 265 - Calculus III
PHYS 251/251L - University Physics I/Laboratory

**SECOND YEAR - Spring Semester (17 credits)**

CIEN 201 - Introduction of AutoCAD for Civil Engineering
ECON 210 - Intro. To Business & Economic Statistics
or MATH 321 - Applied Statistical Methods
or PSYC 241 - Intro. To Statistics
ENGR 203 - Mechanics of Materials
MATH 266 - Elementary Differential Equations
PHYS 252/252L - University Physics II/Laboratory
General Education Requirement - Elective

**THIRD YEAR - Fall Semester (17 credits)**

CIEN 301 - Civil Engineering Laboratory 1
CIEN 306 - Fluid Mechanics
CIEN 351 - Structural Mechanics
CIEN 412 - Soil Mechanics
ENGR 202 - Dynamics
PHIL 370 - Ethics in Engineering
or ME 370 - Engineering Disasters & Ethics
or ChE 340 - Engrs & Scientists in Society
General Education Requirement - Elective

**THIRD YEAR - Spring Semester (16 credits)**

CIEN 302 - Civil Engineering Laboratory 2
CIEN 423 - Hydraulic Engineering
CIEN 431 - Environmental Engineering I
CIEN 451 - Steel Design
EE 206 - Circuit Analysis
or IT 211 - Electric Circuits and Devices
ECON 201 - Principles of Microeconomics
General Education Requirement - Elective

**FOURTH YEAR - Fall Semester (17 credits)**

CIEN 414 - Foundation Engineering
CIEN 432 - Environmental Engineering II
CIEN 453 - Reinforced Concrete
CIEN 482 - Civil Engineering Design
ENGR 460 - Engineering Economy
Technical Elective

**FOURTH YEAR - Spring Semester (17 credits)**

CIEN 416 - Transportation Engineering
CIEN 421 - Hydrology
CIEN 444 - Contracts and Specifications
CIEN 483 - Civil Engineering Design
General Education Requirement - Elective
Technical Elective

**TOTAL REQUIRED CREDIT HOURS = 135**