

CIVIL ENGINEERING

Curriculum Guide Fall 2017

STUDENT _____

NAID # _____

ADVISOR _____

	Fall					Spring				
	Course	Crs	Grade	Gen Ed		Course	Crs	Grade	Gen Ed	
Freshman (<27 crs)	CHEM 121 (120)	3		S		CE 111	2			
	CHEM 121L (130)	1		L		CHEM 122 (121)	3		S	
	~ENGL 110 (111)	4		C		CHEM 122L (131)	1			
	ENGL 120	3		C		COMM 110	3		C	
	MATH 165 (160)	4		R		MATH 166 (161)	4			
	Gen Ed Elective	3		A		ME 221	3			
		17					16			
Sophomore (27-59 crs)	CE 204	4				IME 460	3			
	CE 212	3				MATH 266 (261)	3			
	GEOL 105 (120)	3		S/G I		ME 223	3			
	MATH 128 (228)	1				PHYS 252 (253)	4			
	MATH 259 (260)	3				Gen Ed Elective	2		W	
	ME 222	3								
		17					15			
Junior (60 - 89 crs)	CE 309	3				CE 303	2			
	CE 316	3				CE 303 L	1			
	ENGL 321	3		C		CE 343	4			
	ENGR 402	1				CE 370	3			
	ME 350	3				CE 371	1			
	ENGR 311	3		A		CE 408	3			
		16			CE 418	4				
							18			
Senior (90 + crs)	CE 310	1				CE 483	3			
	CE 404	3				CE 489	3			
	CE 444	3				IME 440	2			
	ENGR 312	3		B		Technical Elective	3			
	Gen Ed Elective	3		B		Technical Elective	3			
	Technical Elective	2				Technical Elective	2			
		17					16			

General Education (Gen Ed) Electives

University general education categories, credit requirements, and approved course offerings are printed as a centerfold in the registration schedule for each term. Many categories have been integrated into the Civil Engineering program with specific course requirements (left). For the remaining categories (below), students select approved courses of their choice (unless otherwise noted).

Gen Ed	Course	Crs	Grade
A	ENGR 311 required	3	
A		3	
B	ENGR 312 required	3	
B		3	
D ■	(double-count with A or B above)	3	
G ●	(met with Geol 105)	3	
W		2	

NOTE:

One of Gen Ed's A or B (above) should be cultural diversity ■

A or B

Technical Electives

A list of approved courses is provided by the department.

Area	Course	Design	Crs	Grade
Minimum of 3		6	12	

- Gen Ed Categories:**
- A - Humanities/Fine Arts
 - B - Social/Behavioral Sciences
 - C - Communication
 - D - Cultural Diversity ■
 - G - Global Perspectives ●
 - L - Co-requisite Lab
 - R - Quantitative Reasoning
 - S - Science & Technology
 - W - Wellness

Notes: No grades less than "C" accepted in ME 221, 222, 223 or MATH courses.
 Transfer students are required to take either ENGR 311 or 312 regardless of Gen Ed completion

Key: "T" indicated requirement satisfied with transfer credits. "IP" indicates a course currently in progress () indicates old course numbers.
 "NR" indicates that it is not required

TOTAL CREDITS	133
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~First year students with a composite ACT score of ≥ 21 should register for ENGL 120 (unless transfer credit for ENGL 120 is received). If ENGL 120 is completed with a grade of "C" or better, four credits will be awarded for ENGL 110 with a passing grade (P). For more details on NDSU's Placement process, go to www.ndsu.edu/cfwriters.