

COMPUTER ENGINEERING ~ NORTH DAKOTA STATE UNIVERSITY

Curriculum Guide ~ FALL 2019

Student: _____

Student ID#: _____

Advisor: _____

	Fall					Spring						
	Course	Crs	Grade	Gen Ed	Course	Crs	Grade	Gen Ed			Crs	Grade
Freshman (<27 crs)	CHEM 121	3		S	ECE 111	3			<input type="checkbox"/> Humanities/Fine Art (A)	<input type="checkbox"/> Humanities/Fine Art (A)		
	MATH 165	4		R	ENGL 120	3		C	<input type="checkbox"/> Social/Behavioral Science (B)	<input type="checkbox"/> Social/Behavioral Science (B)		
	CSCI 160	4			PHYS 251	4		S				
	ENGL 110	4		C	MATH 166	4			<input type="checkbox"/> Cultural Diversity (D)	<input type="checkbox"/> Global Perspective (G)		
	WELLNESS	2		W	MATH 129	3						
	Science Lab	1		L								
		18				17						
Sophomore (27-59 crs)	EE 206	4			COMM 110	3		C				
	MATH 265	4			ECE 320	3						
	CSCI 222	3		S	MATH 266	3						
	ECE 275	4			ECE 374	4						
	Gen Ed Elective	3		A/B/D/G	CSCI 161	4						
		18				17						
Junior (60 - 89 crs)	CSCI 413	3			ECE 341	3						
	ECE 343	4			ECE 401	1						
	CSCI 459	3			ECE 376	4						
	ENGR 402	1			CSCI 474	3						
	ECE 474	3			Gen Ed Elective	3		A/B/D/G				
		14				14						
Senior (90 + crs)	ECE 403	2			ECE 405	3						
	ECE 475	4			ECE Elective	3					0	
	ENGL	3		C	ECE Elective	3						
	Gen Ed Elective	3		A/B/D/G	Tech Elective	3						
	Tech Elective	3			Gen Ed Elective	3		A/B/D/G				
		15				15						
										Required Credits to Graduate		128
										Total Credits Earned		0
										GPA		

General Education Key:

- A - Humanities/Fine Arts (6 credits)
- B - Social/Behavioral Sciences (6 credits)
- C - Communication (3 credits)
- D - Cultural Diversity (3 credits)
- G - Global Perspectives (3 credits)
- L - Co-Requisite Lab (1 credit)
- R - Quantitative Reasoning (3 or 4 credits)
- S - Science & Technology (3 credits)
- W - Wellness (2 credits)

- **Please Note:** Global Perspective and Cultural Diversity credits may be double counted with GenEd Electives.
- *Select from
- For Gen Ed requirements, the dept. suggests taking ENGR 312 (satisfies Global Perspectives) and ENGR 311.
- GenEd classes suggested to take ECON 105, ECON 201, or ECON 202

Key:

- "T" indicates requirement satisfied with transfer course
- "IP" indicates course currently "In Progress"
- "S XX" indicates Spring and XX year student is taking course
- "F XX" indicates Fall and XX year student is taking course
- "Su XX" indicates Summer and XX year student is taking course
- [C] Students with an ACT sub-test score of >=18 or SAT of >= 430 may enroll in ENGL 120. Earning a grade of "C" or

ECE Requirements

Students must earn a "C" or better in ECE 173, ECE 275, EE 206 and ALL required MATH courses, before enrolling in ECE courses listed above in the Junior & Senior years

Students must have at least a 2.0 GPA in all required EE and ECE courses taken at NDSU, in order to graduate. Elective ECE courses are not included in this GPA requirement

Students must take ECE 111 prior to enrolling in ECE courses listed above in the Junior and Senior year; otherwise students must take an additional ECE Elective in lieu of ECE 111

ECE Electives: any didactic ECE 4xx course (excluding x93, 494, 496)

Tech Electives: ECE 374, any didactic ECE 4xx course, ECE x93 or 494 (max 6 credits total between x93 and 494), ECE 496 (max 3 credits or any course from the accompanying Tech Elective List

CSCI Minor: In order to obtain a CSCI Minor you must take CSCI 213, and this may be used as a tech elective.

MATH Minor: May be achieved by taking 6 credits to include MATH 270 and all 300-400 level MATH courses except MATH 327 and MATH 376