

B.S. in Electrical Engineering from UND and B.A. in Math from Defiance College (DC)

FIRST YEAR FALL	Credits	Taken	UND Course
BUS 212: Business Statistics	3	DC	
CHEM 123: General Chemistry ¹	4	DC	
COMM 120: Introduction to Human Comm	3	DC	
FYE 100: College Engagement Seminar	2	DC	
GLST 100: World Issues	3	DC	
MATH 113: Trigonometry	2	DC	

SECOND YEAR FALL	Credits	Taken	UND Course
MATH 202: Calculus II	4	DC	MATH 166
MATH 330: Probability	3	DC	
ENGL 225: Composition II	3	DC	
BUS 260: Business Ethics	3	DC	ENGR 340
EE 101: Intro to Electrical Engineering	1	UND	
PHYS 251C: University Physics I (lecture) ²	3	UND	

THIRD YEAR FALL	Credits	Taken	UND Course
MATH 420: Real Analysis	4	DC	
MATH 305: Discrete Mathematical Structures	3	DC	Non-EE Elective
EE 206/L: Circuit Analysis & Lab I	4	UND	
EE 304: Comp. Aided Meas. and Cont.	3	UND	

FOURTH YEAR FALL	Credits	Taken	UND Course
MATH 402: Modern Abstract Algebra	4	DC	Non-EE Elective
EE 314/L: Signals and Systems & Lab	4	UND	
EE 316: Electric and Magnetic Fields	3	UND	
EE 321/L: Electronics I & Lab	4	UND	
EE 321/L: Electronics I & Lab	4	UND	

FIRST YEAR SPRING	Credits	Taken	UND Course
MATH 201: Calculus I	4	DC	MATH 165
CHEM 124: General Chemistry II ¹	4	DC	
ENGL 125: Composition I	3	DC	
HPM Gen Ed Student Choice	3	DC	
GEN 101: Jacket Journey	1	DC	

SECOND YEAR SPRING	Credits	Taken	UND Course
BUS 212, PSY 230 Statistics Option	3	DC	
MATH 203: Calculus III	4	DC	MATH 265
GEN 201: Jacket Journey	1	DC	
EE 201/L: Intro to Digital Electronics & Lab	4	UND	
PHYS 252C: University Physics II (lecture) ²	3	UND	DC Science w/Lab GenEd

THIRD YEAR SPRING	Credits	Taken	UND Course
MATH 301: Linear Algebra	4	DC	MATH 207
MATH 310: Differential Equations (Math elective)	4	DC	MATH 266
Open Elective-Minor opt or MATH 115	3	DC	
GEN 301: Jacket Journey	1	DC	
PHYS 252C: University Physics II (lecture)	3	UND	

FOURTH YEAR SPRING	Credits	Taken	UND Course
MATH 498: Senior Capstone Project	3	DC	
GEN 401: Jacket Journey	1	DC	
EE 409: Distributed Networks	3	UND	
EE 421L: Electronics II & Lab	4	UND	
EE 452L: Embedded System & Design Lab	4	UND	

FIFTH YEAR FALL	Credits	Taken	UND Course
MATH 404: Modern Geometry	4	DC	
EE 318: Engineering Data Analysis	3	UND	
EE 480: Senior Design I	3	UND	
ENGR 460: Engineering Economy	3	UND	
EE Elective	3	UND	

FIFTH YEAR SPRING	Credits	Taken	UND Course
Creative Gen Ed Student Choice	3	DC	
EE 481: Senior Design II	3	UND	
EE Elective	3	UND	
EE Elective	3	UND	
EE Elective	3	UND	
EE 405/L: Control Systems I & Lab	4	UND	

NOTES	¹ DC students must take both CHEM 123 & 124 in order to gain total credit for CHEM 121/L requirement.
	² PHYS 251 and 252 lectures are taken during the term, with the accompanying 1 credit lab taken directly the following summer.