

B.S. in Electrical Engineering from UND with St. Thomas University (STU)

FIRST YEAR FALL	Credits	Taken	UND Course
UNI 101: First Year Experience	1	STU	
MAC 2311: Calculus I	4	STU	See Below ¹
PHY 2048/L: University Physics I & Lab	4	STU	PHYS 251
Approved GER Course	3	STU	
Approved GER Course	3	STU	

FIRST YEAR SPRING	Credits	Taken	UND Course
MAC 2312: Calculus II	4	STU	See Below ¹
PHY 2049/L: University Physics II & Lab	4	STU	PHYS 252
Approved GER Course	3	STU	
Approved GER Course	3	STU	
EE 101: Introduction to EE	1	UND	
EE 201/L: Intro to Digital Electronics	3	UND	

SECOND YEAR FALL	Credits	Taken	UND Course
MAC 2313: Calculus III	4	STU	MATH 265
CHM 1045/L: General Chemistry I & Lab	3	STU	See Below ²
Approved GER Course	3	STU	
EE 206/L: Circuit Analysis & Lab	4	UND	
EE 304: Computer Aided Measurement & Controls	3	UND	

SECOND YEAR SPRING	Credits	Taken	UND Course
COP 2224: Intro to C++ Programming	3	STU	
MAP 2302: Differential Equations 3	3	STU	MATH 266
CHM 1046/L: General Chemistry II & Lab	4	STU	See Below ²
MAS 3105: Intro to Linear Algebra	3	STU	MATH 207
EE 313/L: Linear Electric Circuits & Lab	4	UND	

THIRD YEAR FALL	Credits	Taken	UND Course
Approved GER Course	3	STU	
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 318: Engineering Data Analysis	3	UND	

THIRD YEAR SPRING	Credits	Taken	UND Course
Approved GER Course	3	STU	
EE 401/L: Electric Drives & Lab	4	UND	
EE 405/L: Control Systems I & Lab	4	UND	
EE 421/L: Electronics II & Lab	4	UND	
EE 409: Distributed Networks	3	UND	

FOURTH YEAR FALL	Credits	Taken	UND Course
Approved GER Course	3	STU	
Approved GER Course	3	STU	
EE 480: Senior Design I	3	UND	
Approved Electrical Engineering Elective	3	UND	
Approved Non-Electrical Engineering Elective	3	UND	
ENGR 460: Engineering Economy	3	UND	

FOURTH YEAR SPRING	Credits	Taken	UND Course
Approved GER Course	3	STU	
Approved GER Course	3	STU	
EE 452/L: Embedded Systems & Lab	4	UND	
EE 481: Senior Design II	3	UND	
Approved Electrical Engineering Elective	3	UND	

FIFTH YEAR FALL	Credits	Taken	UND Course
Approved Ethics Course ³	3	STU	ENGR 340
Approved Electrical Engineering Elective	3	UND	
Approved Electrical Engineering Elective	3	UND	
Approved Non-Electrical Engineering Electives	3	UND	

FIFTH YEAR SPRING	Credits	Taken	UND Course

NOTES	
	¹ MAC 2311 and MAC 2312 must both be completed for equivalency to UND's MATH 165 and 166
	² CHM 1045 and CHM 1046 combine for equivalency to CHEM 121 and CHEM 122 from UND, and CHM 1045L and CHM 1046L combine for equivalency to CHEM 121L and CHEM 122L from UND
	³ Students may choose from STU's PHI 3609, PHI 3633, PHI 3640, or PHI 3641 in order to fulfill ENGR 340: Professional Integrity in Engineering requirement at UND.