

B.S. in Civil Engineering from UND and B.S. in Natural Sciences from York University

FIRST YEAR FALL	Credits	Taken	UND Course
CHM 214: College Chemistry I	4	York	CHEM 121/L
MTH 214: Analytical Geometry & Calculus I	4	York	MATH 165
ENG 113: English Composition I	3	York	
BIO 154: College Biology I	4	York	
BIB 121: History of the New Testament	2	York	
YCS 101: Freshman Seminar	1	York	

SECOND YEAR FALL	Credits	Taken	UND Course
MTH 334: Analytical Geometry & Calculus III	4	York	MATH 265
PHY 214: Introductory Physics I	4	York	PHYS 251
PNG 101: Introduction to Engineering	3	York	CE 101
BIB 132: History of New Testament: Romans-Revelations	2	York	

THIRD YEAR FALL	Credits	Taken	UND Course
Artistic Appreciation & Expression	3	York	
Upper Division BIB, DOC, MIN, or RHS	3	York	
ENGR 201: Statics	3	UND	
CE 306: Fluid Mechanics	3	UND	
Approved Geology Course	3	UND	

FOURTH YEAR FALL	Credits	Taken	UND Course
NSC 421: Natural Science Seminar	1	York	
Upper Division BIB, DOC, MIN, or RHS	3	York	
CE 412: Soil Mechanics	3	UND	
CE 313: General Surveying	3	UND	
CE 351: Structural Mechanics	4	UND	
ENGR 340: Professional Integrity in Engr.	3	UND	

FIRST YEAR SPRING	Credits	Taken	UND Course
MTH 224: Analytical Geometry & Calculus II	4	York	MATH 166
CHM 214: College Chemistry II	4	York	
ENGL 123: English Composition II	3	York	
BIB 232: History of the Old Testament	2	York	
Approved Communications Course	3	York	

SECOND YEAR SPRING	Credits	Taken	UND Course
MTH 343: Differential Equations	3	York	MATH 266
PHY 224: Introductory Physics II	4	York	PHYS 252
MTH 223: Elements of Statistics	3	York	ECON 210
PHI 222: Philosophy of Living	2	York	
ENGR 200: Computer Applications in Engr.	2	UND	

THIRD YEAR SPRING	Credits	Taken	UND Course
Cultural Perspective	3	York	
CE 103: Graphical Communications	3	UND	
ENGR 203: Mechanics of Materials	3	UND	
ENGR 202: Dynamics	3	UND	
CE 421: Hydrology	3	UND	

FOURTH YEAR SPRING	Credits	Taken	UND Course
Artistic Appreciation & Expression-Literature	3	York	
CE 423: Hydraulic Engineering	3	York	
CE 431: Environmental Engineering I	3	UND	
CE 451: Steel Design	3	UND	
CE 414: Foundation Engineering	3	UND	

FIFTH YEAR FALL	Credits	Taken	UND Course
Human Behavior & Social Foundations	3	York	
CE 481: Civil Engineering Design I	3	UND	
CE 432: Environmental Engineering II	3	UND	
CE 453: Reinforced Concrete	3	UND	
CE Technical Elective	3	UND	
ENGR 460: Engineering Economy	3	UND	

FIFTH YEAR SPRING	Credits	Taken	UND Course
Historical Foundations	3	York	
CE 482: Civil Engineering Design II	3	UND	
CE 444: Contracts & Specifications	3	UND	
CE Technical Elective	3	UND	
CE 416: Transportation Engineering	3	UND	

SUMMER LABS (ON UND CAMPUS)	Credits	When to Take
CE 313L: General Surveying Lab	1	After Fourth Year Spring
CE 411: Civil Engineering Materials Lab	1	After Fourth Year Spring
CE 412L: Soil Mechanics Lab	1	After Fourth Year Spring
CE 423L: Hydraulic Engineering Lab	1	After Fourth Year Spring
CE 431L: Environmental Engineering I Lab	1	After Fourth Year Spring