

CORE CURRICULUM

EN121 Academic Writing & Research	3	_____
EN151 Perspectives on Literature	3	_____
CO215 Public Speaking	3	_____
HS115 Hist Persp of Civ and Cult I	3	_____
HS116 Hist Persp of Civ and Cult II	3	_____
PL260 Ethics	3	_____
One Artistic Appreciation Course:	2	_____
AR115 Intro to Art		_____
DM115 Intro to DMA		_____
MU115 Intro to Music		_____
TH115 Intro to Theatre		_____
Creative Studio Arts	1	_____
One Bible Course:	3	_____
BT111 Biblical Hist & Lit		_____
BT231 Old Test Intro I		_____
BT251 New Test Intro I		_____
MI285 Understanding the Christian Faith	3	_____
BT _____	3	_____
(Religious Perspectives requirement)		
Two Social Science Courses:	6	_____
EB211 Prin of Macroeconomics		_____
PS111 Public Policy		_____
PY111 Intro to Psychology		_____
SO111 Princ of Sociology		_____
SO141 Cultural Anthropology		_____
Natural Science requirements met in major		
Mathematical Science requirement met in major		
EX101 Wellness for Life	2	_____

UPPER-LEVEL COURSES

(36 hours required)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**ELECTRICAL ENGINEERING BS
MATHEMATICS BS**

Huntington University		
MA165	Intro to Discrete Mathematics	3 _____
MA171	Calculus I	4 _____
MA172	Calculus II	4 _____
MA205	Intro to Mathematical Proofs	3 _____
MA210	History of Mathematics (or CS325, MA321, MA351)	1 _____
MA273	Calculus III	4 _____
MA311	Linear Algebra	3 _____
MA371	Differential Equations	3 _____
MA411	Abstract Algebra	4 _____
MA431	Real Analysis	4 _____
MA471	Probability & Mathematical Stats	4 _____
CH161/L	Principles of Chemistry I	4 _____

University of North Dakota		
EE101	Intro to Electrical Engineering	1 _____
EE201/L	Intro to Digital Electronics and Lab	4 _____
EE206/L	Circuit Analysis and Lab	4 _____
EE304	Computer Aided Measure & Contrl	3 _____
EE313/L	Linear Electric Circuits and Lab	4 _____
EE314/L	Signals & Systems and Lab	4 _____
EE316	Electric & Magnetic Fields	3 _____
EE321/L	Electronics I and Lab	4 _____
EE401/L	Electric Drives and Lab	4 _____
EE405/L	Control Systems I and Lab	4 _____
EE409	Distributed Networks	3 _____
EE421/L	Electronics II and Lab	4 _____
EE452/L	Embedded Systems and Lab	4 _____
EE480	Senior Design I	3 _____
EE481	Senior Design II	3 _____
ENGR460	Engineering Economy	3 _____
PHYS251/L	University Physics I	4 _____
PHYS252/L	University Physics II	4 _____

12 Elective Hours in Electrical Engineering: 12 _____

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Electives/Minors _____

HU hours earned _____

Transfer hours _____

Hours yet to complete _____