

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	_____

Electives/Minors	_____
_____	_____
_____	_____
_____	_____
_____	_____

**ELECTRICAL ENGINEERING BS
MATHEMATICAL MODELING BS**

Huntington University		
MA171	Calculus I	4
MA172	Calculus II	4
MA273	Calculus III	4
MA311	Linear Algebra	3
MA371	Differential Equations	3
MA471	Probability & Mathematical Stats	4
CH161/L	Principles of Chemistry I	4

CS111, MA461, and Mathematical Modeling Elective are satisfied by courses taken at UND.

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

6 Hours of Non-EE Electives:	6	_____
<ul style="list-style-type: none"> ▪ Must be in the Computer Science, Engineering (including EE), Mathematics, or Physics departments ▪ Normally a 300-level or higher course ▪ May be taken at Huntington or UND ▪ Must be approved by UND. 		
_____	_____	_____
_____	_____	_____

HU hours earned	_____
Transfer hours	_____
Hours yet to complete	_____