

**Semester I** **Completed**

**Prescribed Technical Program Requirements**

ENRT	101	Introduction to Energy Technology	3
ENRT	105	Safety, Health & Environment	3
ENRT	107	Mechanical Fundamentals	3
ENRT	110	Plant Equipment & Systems	4
			<b>13</b>

**Semester II** **Completed**

**Prescribed Technical Program Requirements**

ENRT	112	Print Reading	3
ENRT	104	Electrical Fundamentals	3
ENRT	116	Instrumentation & Control	4
ENRT	224	Automation & Control	3
			<b>13</b>

**Semester III** **Completed**

**Prescribed Technical Program Requirements**

ENRT	118	Heat Transfer, Fluid Flow & Thermodynamics	3
ENRT	120	Water Purification & Treatment	3
ENRT	205	Steam Generation	3
ENRT	215	Oper., Troubleshooting & Communications	3
			<b>12</b>

**Semester IV** **Completed**

**Prescribed Technical Program Requirements**

PWRP	207	Boilers & Environmental Protection	3
ENRT	221	Applied Electronics	3
PWRP	210	Turbines & Combined Cycle	3
PWRP	224	Power Generation Components & Protection	3
ENRT	220	Practical Applications	2
			<b>14</b>

**General Education Requirements** **Completed**

Complete 4 credits of general education from any two areas of study.

- 1.
- 2.

**4**

## Programs Containing 45 or more Prescribed Technical Program Requirements 2021-2022 Catalog

Satisfied all degree seeking admission requirements  
 Completed a prescribed technical program  
 Earned at least 15 semester hours of institutional credit from BSC  
 Minimum of 2.00 GPA in a prescribed technical program  
 Minimum of 2.00 institutional GPA (BSC only)  
 Minimum of 2.00 cumulative GPA (BSC + Transfer)  
 Earned a minimum of 4 semester hours of general education credit from two areas of study

Cleared all college obligations  
 Filed an Application for Degree in the Academic Records Office immediately following enrollment in final semester

*Programs containing 45 or more credits must complete 4 credits of general education from two areas of study. Area of study is based on course prefix.*

Gr.	Cr.		Gr.	Cr.		Gr.	Cr.	
3	*	ACCT 200	3/1	BIOL 151	3	ENGL 125		Introduction to Professional Writing
3	*	ACCT 201	3/1	BIOL 170	3	ENGL 211		Introduction to Creative Writing
3		ANTH 170	3/1	BIOL 220	3	ENGL 221		Introduction to Drama
3		ANTH 171	3/1	BIOL 221	3	ENGL 222		

1	*	BIOL 102	Introduction to Aquarium Keeping	3	CSCI 122	Beginning Visual Basic	3	HIST 212	World Civilizations since 1500	
3		BIOL 109	The Living World	4	CSCI 160	Computer Science I	3	HIST 220	North Dakota History	
3/1		BIOL 111	Concepts of Biology/Lab	4	CSCI 161	Computer Science II	3	HIST 222	History of the Western Frontier	
3/1		BIOL 115	Concepts of Anatomy & Physiology/Lab	3	ECON 105	Elements of Economics	3	HIST 224	American Studies I	
3		BIOL 124	Environmental Science	3	ECON 201	Principles of Microeconomics	3	HIST 225	American Studies II	
3/1		BIOL 125	Introduction to Ecology/Lab	3	ECON 202	Principles of Macroeconomics	1-3	*	HIST 243	Historical Investigations
3/1		BIOL 126	Human Biology/Lab	3	ENGL 110	College Composition I	3	HUMS 210	Integrated Cultural Studies	
3/1		BIOL 150	General Biology I/Lab	3	ENGL 120	College Composition II				
1-4		HUMS 211	Integrated Cultural Excursion	3	PHIL 101	Introduction to Philosophy	3/1	SCNC 102	Physical Science II/Lab	
2		HUMS 212	Integrated Cultural Enrichment	3						

