

Bay de Noc Community College and Alpena Community College
 Transfer Guide
 Associate in Applied Science in Water Resource Management

This program will allow a student to complete an Associate in Applied Science Degree in Water Resource Management, after completing curriculum in general education. Students may transfer to Bay de Noc Community College for specialized courses in Water Resource Management. Upon graduation, students are awarded an Associate in Applied Science Degree and are immediately eligible for certifications; which include, S4 Water Distribution, F4 Conventional Surface Water Treatment, and D Activated Sludge Wastewater Treatment; and entrance into the water/wastewater treatment industry. With the appropriate years of experience and facility rating, students can advance to the highest level of certification in Michigan.

All transfer courses must be a 2.0 gpa or better to transfer to Bay College.

Graduation Requirements include:

- Minimum: 69 credits
- Minimum: 2.0 cumulative GPA

Courses taken at Alpena Community College

CEM 111	General Chemistry or CEM121 General/Inorganic Chemistry	4
CEM 122	Inorganic Chemistry/Qualitative Analysis	4
MTH 113	Intermediate Algebra or MTH112 Technical Mathematics II	3-4
ENG111	English	3
ENG123	Technical Communication	3
PLS 222	State & Local Government or PLS221 Political Science	3
APP 100E	Electrical Studies for the Trades OR APP 114E Programmable Controllers	<u>3</u>
Total credits taken at Alpena Community College		23

Bay course equivalencies

CHEM110
CHEM112
MATH105 or MATH106
ENGL101
ENGL145
POLI262 OR POLI111
ELEC 145

Courses taken at Bay de Noc Community College

WATR 110	Wastewater Operations & Mgt	4*
WATR 120	Water Operations & Management	4*
WATR 150	Team Project Course	2+
WATR 220	Industrial Solutions	3+
WATR 230	Aquatics & Bacteriology	3+
WATR 240	Environmental Analysis	5+
WATR 250	Water Analysis & Techniques	5+
WATR 255	Mechanics & Instrumentation	4
GIS 201	Introduction to GIS	3
WATR 260	Current Issues for Managers	3*
WATR 270	Water in Motion	4*
WATR 272	Professional Field Experience (water)	4**
WATR 273	Professional Field Exp (wastewater)	<u>4**</u>
Total credits taken at Bay		48

*Course offered online

**Course are taken second eight weeks of the winter semester or summer semester

+Course offered in hybrid format