

**Bay de Noc Community College and Montcalm 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 Montcalm Community College**

CHEM220	College Chemistry I	5
CHEM221	College Chemistry II	5
ELEC125	Fundamentals of Electricity AND	3
ELEC 130	Intro to Programmable Logic	2
MATH104	Intermediate Algebra <b>or</b> Higher level math	3
ENGL100	Freshman English I	3
ENGL101	Freshman English II	3
POLS240	American Political System	<u>3</u>
<b>Total credits taken at Macomb CC</b>		<b>27</b>

**Bay course equivalencies**

CH105+
CH106+
ELEC 145
MA105, MA110 or MA115
EN101
EN102
PS111

**Courses taken at Bay de Noc Community College**

GIS201	Introduction to GIS	3
WATR110	Wastewater Operations & Mgt	4*
WATR120	Water Operations & Management	4*
WATR150	Team Project Course	2+
WATR220	Industrial Solutions	3+
WATR230	Aquatics & Bacteriology	3+
WATR240	Environmental Analysis	5+
WATR250	Water Analysis & Techniques	5+
WATR255	Mechanics & Instrumentation	4
WATR260	Current Issues for Managers	3*
WATR270	Water in Motion	4*
WATR272	Professional Field Experience (water)	4**
WATR273	Professional Field Experience (wastewater)	<u>4**</u>
<b>Total credits taken at Bay</b>		<b>48</b>

\*Course offered online

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

+Course offered in hybrid format