



WESTERN MICHIGAN UNIVERSITY

Bay de Noc Community College

Fall 2017

Western Michigan University Curriculum Guide for Sustainable Brewing

Program description and notes: the goal of the program is to educate students to be intimately familiar with the technical features of brewing, to appreciate the rich landscape of the industry, and to comprehend and address the environmental challenges faced by the industry in the 21st century.

- The program was launched in a joint effort between WMU and Kalamazoo Valley Community College in the Fall of 2015;
 - KVCC offers the brewing courses at its Kalamazoo campus;
 - Twenty six (26) credits and an externship are offered;
 - You will learn the brewing process in a teaching brewery outfitted with the comprehensive functionality of industry equipment and facilities that incorporate sustainable brewing practices;
- This program is the first of its kind in the nation;
- The program includes classroom work that is coupled with hands-on experience in a small-scale teaching brewery going through the process of brewing from “grain to glass”;
- Students can transfer just the brewing certificate at KVCC or they can complete the certificate as part of an associate’s degree; both options are designed specifically to transfer into the bachelor of science program at WMU;
- Students can also begin their studies at another community college, college or university, or WMU and complete the KVCC certificate along the way to their bachelor’s program.

Courses that can be completed at Bay:

WMU courses

BUS 1750
ENGL 1050
ENG 1100 or COM 1700
BIOS 1600
BIOS 1610
BIOS 1620
BIOS 2500
CHEM 1100/1110
CHEM 1120/1130
PHYS 1130/1140
PHYS 1150/1160

Bay courses

BUSN 160
ENG 101 or 101H
ENG 150 or COMM 103 or 103H
BIOL 202
BIOL 112
BIOL 110
BIOL 255
CHEM 110
CHEM 112
PHYS 201
PHYS 202

MATH 1180
PSCI 2000

MATH 111
POLI 111 or 111H

General education requirements:

- Please see the WMU [general education program transfer guide](#) for information about all of the courses that you can take at Bay that will count for requirements at WMU. Some of the courses in this program (i.e. sciences and POLI 111 or 111H) will fulfill some general education requirements as well as program requirements;
- The SB major is administered through the WMU College of Arts & Sciences (A & S). All students graduating from the College of Arts & Sciences must meet the world language proficiency by completing two semesters (6-8 hours) of the same foreign language or American Sign Language, or passing WMU's proficiency by exam. Please contact the College of Arts & Sciences Undergraduate Advising Office at (269) 387-4366 with any questions. Neither the MACRAO nor the MTA satisfy the world language requirement.
 - If the student's first language is not English, then the student is exempt from this requirement. Determination of eligibility for this exemption is based on whether the student was required to take the TOEFL test for admission, and can be verified through the WMU departments of Spanish or World Languages and Literatures.

Approved by:

Kevin Knutson - Director of Advising
College of Arts & Sciences (A & S)

Contact information:

wmich.edu/arts-sciences/advising
(269) 387-4366