

Keweenaw Bay Ojibwa Community College



Liberal Studies  
Associate of Arts  
Degree

Student Handbook

2022-2024

770 N. Main St. L'Anse, MI 49946

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*Accredited through the Higher Learning Commission*

# Table of Contents

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Welcome	2
Program Description	3
Departmental Course Rotation	4
Academic Progress Sheet	5
Experimental Learning Requirement & Capstone Instruction	7
Portfolio Assessment Guidance for Students	10
Course Descriptions and Learning Outcomes	14

*This handbook provides important information to the students enrolled in the Liberal Studies Associate of Arts Degree program at Keweenaw Bay Ojibwa Community College. We welcome you and look forward to working with you in this challenging but rewarding endeavor.*

# Welcome

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Boozhoo and welcome to the Keweenaw Bay Ojibwa Community College's Liberal Studies Associate of Arts Degree program! This program was approved by the Higher Learning Commission (HLC). This curriculum is designed primarily for students who wish to transfer to a baccalaureate-granting institution to continue their education. All students planning to transfer should work closely with their KBOCC advisor and transfer institution to determine transferability when selecting courses. The Liberal Studies Departmental Chair and all faculty is excited to help guide you on your educational journey. Your time spent here at KBOCC will be both rewarding and exciting, allowing you to grow and imagine your future.

The Liberal Studies Associate of Arts Degree prepares students for bachelor studies in a variety of areas through writing, expressive arts, literature, film, and philosophy. Critical thought is developed and enhanced through writing, reading, enriched discussions, and verbal and written analysis. The Liberal Studies program offers educational experiences and curriculum to engage students through the integration of Anishinaabe history, culture, language and thought. Students will gain foundational knowledge and skills based on habits of inquiry and problem solving that strengthen and positively reinforce their studies, career goals and personal lives.

Liberal Studies at KBOCC is the most traditional of disciplines in higher education. Its collaboration with a multitude of disciplines in the Humanities & Sciences always focuses on the up-to-date expectations from the Michigan Transfer Agreement.

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# Program Description

## LIBERAL STUDIES

### ASSOCIATE OF ARTS DEGREE

This curriculum is designed primarily for students who wish to transfer to a baccalaureate-granting institution to continue their education. All students planning to transfer should work closely with their KBOCC advisor and transfer institution to determine transferability when selecting courses.

#### **Learning Outcomes**

Upon completion of the Liberal Studies Degree Program students will be able to:

1. Communicate competently.
2. Apply reasoning skills to solve problems.
3. Use lifelong learning skills.
4. Describe the interconnectedness of communities.
5. Integrate an individual interest with civic responsibility.

<b>General Education Requirements</b>	<b>Credits</b>
College Success Elective ( <i>Choose LS103 or LS133</i> )	2
EN102 College Composition I	3
EN106 Sharing Information and Stories Orally	3
EN202 College Composition II	3
Lab Science Elective	4
Mathematics or Science Elective* ( <i>Choose MA103 or higher, or a science course designated as a second science elective for general education - Course must be taken from a different subject area than the Lab Science elective</i> )	4
Humanities Elective ( <i>Choose any humanities-designated course; must be from a different subject area than the Anishinaabe Awareness elective</i> )	4
Social Science Electives ( <i>Courses must be taken from a minimum of two subject areas</i> )	8
<b>Subtotal</b>	<b>31</b>

<b>Anishinaabe Awareness</b>	<b>Credits</b>
Anishinaabe Awareness Elective ( <i>Choose AS102 or OS110</i> )	4
Second Anishinaabe Awareness Elective ( <i>At least two additional credits of electives must be designated Anishinaabe Awareness; may be duplicate credits</i> )	--
<b>Subtotal</b>	<b>4</b>

<b>Liberal Studies Requirements</b>	<b>Credits</b>
Liberal Studies Electives ( <i>At least twelve credits must be numbered 200 or above</i> )	20
IS110 Principles of Information Systems**	4
Experimental Learning Requirement (LS295, LS298 or LS299)	1-3
LS297 Capstone Seminar	1
<b>Subtotal</b>	<b>30</b>
<b>Total Credits Required</b>	<b>61-63</b>

\* Students intending to transfer should consider fulfilling the Michigan Transfer Agreement's (MTA) requirement of two sciences and math. See Michigan Transfer Agreement under General Education.

\*\* Students who can demonstrate proficiency in using the computer applications covered in IS 110 by either (1) providing evidence of successfully completing computer courses in secondary or community education settings within the past five years or (2) passing a KBOCC-administered proficiency exam will be permitted to select an alternative course or courses totaling 4 credits. Liberal studies majors who are interested in this option should speak with their advisor about procedures and appropriate alternative course selections.

# Departmental Course Rotations

To assist students with course selection and long-term planning, the department will follow a yearly course rotation as shown in the diagram below. Courses outside of the Health Science concentration requirements may be offered on a 2-year rotating schedule, and therefore you will have to plan accordingly. Some courses may be offered more frequently based on demand.

Required credits for this curriculum = 61 – 63

## YEAR 1 – FALL

College Success Elective ( <i>Choose LS103 or LS133</i> )	2
EN102 College Composition I	3
Anishinaabe Awareness Elective ( <i>Choose AS102 or OS110</i> )	4
Mathematics or Science Elective* ( <i>Choose MA103 or higher, or a science course designated as a second science elective for general education - Course must be taken from a different subject area than the Lab Science elective</i> )	4
Liberal Studies Electives ( <i>At least twelve credits must be numbered 200 or above</i> )	3-4
<b>TOTAL</b>	<b>16 -17</b>



## YEAR 1 – SPRING

EN202 College Composition II	3
Lab Science Elective ( <i>Second Science, if didn't take a math</i> )	4
Social Science Electives ( <i>Courses must be taken from a minimum of two subject areas</i> )	4
Liberal Studies Electives ( <i>At least twelve credits must be numbered 200 or above</i> )	3-4
Liberal Studies Electives ( <i>At least twelve credits must be numbered 200 or above</i> )	3-4
<b>TOTAL</b>	<b>13-19</b>



## YEAR 2 – FALL

EN106 Sharing Information and Stories Orally	3
Experimental Learning Requirement (LS295, LS298 or LS299)	1-3
Social Science Electives ( <i>Courses must be taken from a minimum of two subject areas</i> )	4
IS110 Principles of Information Systems	4
Liberal Studies Electives ( <i>At least twelve credits must be numbered 200 or above</i> )	3-4
<b>TOTAL</b>	<b>15-18</b>



## YEAR 2 – SPRING

LS297 Capstone Seminar	1
Humanities Elective ( <i>Choose any humanities-designated course; must be from a different subject area than the Anishinaabe Awareness elective</i> )	4
Liberal Studies Electives ( <i>At least twelve credits must be numbered 200 or above</i> )	3-4
Liberal Studies Electives ( <i>At least twelve credits must be numbered 200 or above</i> )	3-4
<b>TOTAL</b>	<b>11-13</b>

# Academic Progress Sheet

What is an Academic Progress Sheet? An Academic Progress Sheet is an analysis of your academic progress toward your Liberal Studies degree. It helps you monitor where you are at and what you still need to do to complete your degree requirements. It is an advising document that maps out degree requirements and compares them against your transcript; a vital tool for academic planning, course selection, and scheduling.

Student Name: \_\_\_\_\_ ID# or DOB: \_\_\_\_\_

Required Courses (Course Name and Number)	Number of Credits	Courses Taken	Credits Earned
<b>General Education Requirement</b>			
EN 102 College Composition I	3		
EN106 Sharing Information and Stories Orally	3		
EN 202 College Composition II	3		
Lab Science Elective	4		
MA 103, 105 or Higher <i>or</i> Science Course labeled second science	4		
Humanities Elective - Choose from humanities-designated AR, EN, HU or LS	4		
Social Science Elective - Choose any non-AS social science-designated course	4		
Social Science Elective - Choose any non-AS social science-designated course	4		
College Success Seminar	2		
<b>Subtotal</b>	<b>31</b>	<b>0</b>	<b>0</b>
<b>Anishinaabe Awareness Requirement</b>			
OS 110 Ojibwa Language and Culture I <u>OR</u> AS102 Anishinaabe Values and Philosophy  Anishinaabe Awareness Elective (at least two credits of electives must be designated Anishinaabe Awareness; may be duplicate credits)	4		
<b>Subtotal</b>	<b>4</b>	<b>0</b>	<b>0</b>
<b>Liberal Studies Requirements</b>			
Liberal studies elective any level (8 Credits total)			
Liberal studies elective any level (8 Credits total)			
Liberal studies elective 200 or above* (At least 12 credits must be numbered 200 or above)			
Liberal studies elective 200 or above* (At least 12 credits must be numbered 200 or above)			
Liberal studies elective 200 or above* (At least 12 credits must be numbered 200 or above)			
Liberal studies elective 200 or above* (At least 12 credits must be numbered 200 or above)			
Liberal studies elective 200 or above* (At least 12 credits must be numbered 200 or above)			

<b>Liberal studies electives subtotal</b>	<b>20</b>	<b>0</b>	<b>0</b>
IS 110 Principles of Information Systems	4		
Experimental Learning Requirement (LS295, LS298 or LS299)	1-3		
LS297 Capstone Seminar	1		
Liberal studies requirements subtotal	26 - 28		0
	<b>35</b>	<b>total</b>	<b>0</b>

# Experimental Learning Requirement & Capstone Instruction

All KBOCC Associate Degree programs require students to complete a Capstone project as the culmination of their studies. Capstone projects are independent research projects that demonstrate students' attainment of program-level learning outcomes. Students complete their Capstone project in their final semester before graduation.

The Experimental Learning (LS295, LS298, LS299) are courses that prepare you for the future and where you do a bulk of the work for Capstone. You must pick one as a prerequisite to Capstone. This is the time to experimental learn in a specialized way, you have the autonomy for a whole semester. You could take LS295 where you could take up teaching, assisting as a teaching assistant, hosting workshops, or something community based. You could take LS298 where you could complete an internship, mentorship, shadowing, or community opportunity. You could take LS299 where you would explore a research question for a research project, develop a longer project, and/or create a professional portfolio. All should feel exciting!

The Capstone Seminar (LS297) is the course where you take all your findings from your Experimental Learning. The course meets 4 times throughout the semester. Classroom instruction focuses on helping students synthesize, integrate, and/or apply their previous knowledge, rather than acquire new knowledge or skills. Students are expected to enter the first week of the course with their Experimental Learning already in place and a foundation to build their transfer plan, portfolio development, conduct small-scale individual projects and/or expand upon projects conducted during their course work and to polish skills needed for transferring to a four-year degree program or entering the work force. In addition to attending the Seminar course, students meet weekly for tutorial sessions with their Academic Advisor, who serves as the research mentor. Students are required to complete substantial independent work to stay on-task for project completion.

Advisors encourage students to develop Capstone projects that align with their areas of interest. Advisors help students design the research project and ensure that it speaks to all required learning outcomes. Environmental Science majors should start planning early for their Capstone projects; seasonal weather conditions often require field data to be collected well in advance of students' Capstone semester. Capstone projects must also contain content relevant to Anishinaabe culture.

## Process

**YEAR 2** sophomore status

**Experimental Learning (Must complete one):**

- **LS295: Teaching, Workshops, Community Based**
- **LS298 Internship, Mentorship, Shadowing**
- **LS299 Research, Project, Portfolio**



**YEAR 2** sophomore status

**Capstone**

Map their transfer plan, portfolio development, conduct small-scale individual projects and/or expand upon projects conducted during their course work and to polish skills needed for transferring to a four-year degree program or entering the work force



## Experimental Learning Requirement (LS295, LS298 or LS299)

### **LS295 Teaching Assistant - 1-3**

Instructional experience as undergraduate teaching assistant, including planning, set-up, coaching students, and demonstrating techniques. Prerequisite: Permission of Instructor and B or better grade in course in which student will assist. Course may be repeated for credit. Prerequisites: sophomore status.

### **LS298 Internship - 1-3**

This internship course gives the student the opportunity to grow academically, pre-professionally, personally and civically through participation in a service-learning experience with community organizations or government agencies. Students gain practical experience under the supervision of a practicing professional or at an approved site. Students must work at least 80 hours at the work site for each credit, complete written journals, and meet regularly with their advisor. This is a Pass/Fail course. This course may be repeated for credit. Prerequisites: Sophomore status.

### **LS299 Research and Special Projects - 1-3**

Students conduct research, create projects, or portfolio development in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5. Prerequisites: Sophomore status.

\*Class Standing: Freshman 0–29.5 credits, Sophomore 30–59.5 credits

## Capstone

### **LS297 Capstone Seminar - 1**

Culmination of course work in the Liberal Studies and Liberal Studies with Art, Criminal Justice, Social Science Emphasis degree programs. The course provides students the opportunity to map their transfer plan, portfolio development, conduct small-scale individual projects and/or expand upon projects conducted during their course work and to polish skills needed for transferring to a four-year degree program or entering the work force. Required to take in last semester. Prerequisites: completion of EN202 and either LS295, LS298, or LS299. (*Course fee*)

# Course Descriptions & Learning Outcomes

Liberal Studies Electives (*At least twelve credits must be numbered 200 or above*) – Any course from any program.

## **ART (AR)**

### **AR101 Drawing - 3**

Introduction to the fundamentals of drawing, including the use of form, line, shape, value, texture, and composition to create a coherent visual statement. (*Course fee*)

### **AR102 Drawing II - 3**

A studio course exploring drawing with continued emphasis on descriptive, expressive, and conceptual approaches. Students will further develop the ability to see and interpret a variety of subjects while using diverse materials and techniques. Course work will facilitate a dialogue in which students will employ critical analysis to broaden their understanding of drawing as a discipline and the fundamentals of artistic expression. Drawing from still-life, landscape, and life models from observation. Color theory, linear perspective, pictorial composition, figure/ground relationships, visual perception, spatial concepts, and critical thinking skills will all be highlighted. This studio course builds upon the skills learned in Drawing I, attention will be on further media experimentation and the development of a personal style. (*Course fee*)

### **AR103 Art Appreciation - 4**

Survey of visual arts through study of the social contexts of art, aspects of form, possible intentions of the artist, and theoretical underpinnings of artistic activity. Replaces AR100. (*Humanities*)

### **AR105 Ojibwa Beadwork - 3**

Hands-on exploration of beading techniques used by the Ojibwa people. Materials will be provided to complete assigned projects. (*Course fee. Anishinaabe Awareness*)

### **AR106 Ojibwa Basket-making - 3**

Hands-on exploration of Ojibwa basket making techniques, including identification and location of Black Ash trees and cutting, stripping, and pounding methods for making ribbons. Individual baskets completed. (*Course fee. Anishinaabe Awareness*)

### **AR107 Ojibwa Garments - 3**

Hands-on exploration of various styles and materials for clothing and adornment used by Ojibwa people. Individual projects completed. Prerequisite: AR105. (*Course fee. Anishinaabe Awareness*)

### **AR115 Ojibwa Pottery - 3**

Hands-on exploration of different techniques for making clay pottery. Topics include creating fire pits and kiln use. Emphasizes Ojibwa methods. (*Course fee. Anishinaabe Awareness*)

### **AR116 Sculpture - 3**

Introduction to sculptural materials, strategies and methods for creating and critiquing sculpture. Covers the elements and principles of 3-D design, the significance of sculpture historically and in contemporary art. Includes study of selected historical and contemporary sculptors, particularly Anishinaabe sculptors. (*Course fee*)

### **AR117 Introduction to Photography - 3**

Introduction to the techniques and creative application of photography using black and white (silver gelatin) and digital materials. The history of photography, contemporary photo criticism, and the relationship and role of photography in Anishinaabe culture and communities will be covered. (*Course fee*)

### **AR125 Beadwork Studio - 1**

Students design and create original beadwork using knowledge of traditional styles and techniques. May meet concurrently with AR105. Course may be repeated for credit. Prerequisite: C or better in AR105 and instructor permission. (*Anishinaabe Awareness*)

### **AR127 Ojibwa Garments Studio - 1**

Students design and create original Ojibwa garments and accessories using knowledge of traditional styles and techniques. May meet concurrently with AR107. Prerequisite: C or better in AR107 and instructor permission. (*Anishinaabe Awareness*)

### **AR204 Anishinaabe Art Forms - 4**

Introduction to arts of the indigenous peoples of North America. The course examines artistic expression from the earliest known art works to the present. Exploring types and styles of artworks, cultural contexts, relationships between artistic expression and environment, spirituality, and responses of artists to contact with non-native peoples. As a partial entry-level studio course, the course focuses on developing the basic visual used by traditional makers, artists and designers working creatively in two and three dimensions. (*Humanities & Anishinaabe Awareness*)

### **AR207 Special Topics in Art - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

### **AR299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

## **ANISHINAABE STUDIES**

### **AS101 Introduction to Anishinaabe Studies - 4**

Provides an overview of Anishinaabe studies and a sampling of topics explored in more depth in other Anishinaabe studies courses. Includes study in: Anishinaabe cultures, literature, history, art, education, values, worldviews, lifeways, spirituality, contemporary issues, government and politics. (*Social Science & Anishinaabe Awareness*)

### **AS102 Anishinaabe Values and Philosophy - 4**

Examines Anishinaabe values and worldviews, how they are expressed and how they have both remained consistent and changed from ancient through modern times. Introduces a variety of worldviews among Native groups with an emphasis on commonalities. Weekly assignments provide practical application of basic ideals common to most Anishinaabe traditions. (*Humanities & Anishinaabe Awareness*)

### **AS104 Principles of Decolonizing - 2**

This course is designed to serve as an introduction to the principles of decolonization and the application of these principles to improve the quality of life for Anishinaabe people. How colonization has affected the lives of Anishinaabe people will also be examined. (*Anishinaabe Awareness*)

### **AS105 Decolonizing Tribal Organizations - 2**

This course examines how tribal organizations can implement decolonizing approaches to address oppressive colonial institutional processes, regulations, and behaviors. The goal of the course is to reform the organization so that it can implement structures and processes that are based in tribal thinking, beliefs, and values. (*Anishinaabe Awareness*)

### **AS200 History of Michigan Tribes - 4**

Survey of the history of federally recognized Indian Tribes in Michigan and the relationship between tribal, state, and federal governments. (*Social Science & Anishinaabe Awareness*)

### **AS201 History of North American Anishinaabe - 4**

Survey of North American Anishinaabe from pre-glacial era to the present. Explores the rise and decline of major North American civilizations and their cultures. (*Social Science & Anishinaabe Awareness*)

### **AS202 Pow Wow Planning & Management - 3**

This course is designed to provide the knowledge and skills required to plan, organize and manage a pow-wow. This course also examines the origins and meanings of the pow-wow, pow-wow dance styles, dance regalia, types of songs and traditions. (*Anishinaabe Awareness*)

### **AS207 Special Topics in Anishinaabe Studies - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

### **AS210 Traditional Storytelling - 4**

Study of Anishinaabe stories and the different roles storytelling and storytellers play in Native communities. Practice in the traditional storytelling skills of speaking, listening, and comprehension. (*Humanities & Anishinaabe Awareness*)

### **AS215 Contemporary Anishinaabe Issues - 4**

Exploration of achievements, issues, problems, and events in Indian Country today. Encompasses international, national, regional, and local perspectives. (*Social Science & Anishinaabe Awareness*)

### **AS225 Anishinaabe Education - 4**

Examination of the history of Indian education. Topics include Anishinaabe educational practices, boarding schools and their impact, identified best practices, and current issues in Native education today. (*Social Science & Anishinaabe Awareness*)

### **AS232 Tribal Government - 4**

Examination of the changing nature of tribal governments and the evolution of tribal-federal, tribal-state, and inter-tribal relationships. (*Social Science & Anishinaabe Awareness*)

## **BIOLOGY (BI)**

### **BI101 General Biology - 4 (3 lecture, 3 lab)**

Exploration of biological phenomena. Topics covered include cellular and molecular levels of organization, genetics and mechanisms of heredity in organic evolution, reproduction and development, as well as introductory concepts of taxonomy and ecology. (*Course fee. Science with lab*)

### **BI200 Conservation Biology - 4 (3 lecture, 3 lab)**

An interdisciplinary examination of issues related to biological diversity. Topics include population biology, biogeography, environmental ethics and policy, loss and degradation of habitat, ecological restoration, and the design, management, and stewardship of protected areas. (*Course fee. Science with lab*)

### **BI203 Wildlife Biology and Management - 4 (3 lecture, 3 lab)**

Introduction to the study of the evolutionary history, anatomy, physiology, behavior, and ecology of animals. Identification and conservation issues are addressed and include hands-on experiences with the KBIC Natural Resource Department. Management and assessment tools are emphasized. Prerequisite: BI101, ES110, or instructor permission. (*Course fee. Science with lab*)

### **BI205 Fisheries Biology and Management - 4 (3 lecture, 3 lab)**

Introduction to concepts and methodology used in aquaculture, fisheries science and management. Emphasis on terminology, techniques, and practices related to fisheries science, with particular focus on fisheries of the Great Lakes Region. Skills development pertaining to fisheries research and management dynamics, data collection, management, computation and dissemination will be a major component of this course. Students gain practical experience at the KBIC fish hatchery and in the field. Prerequisite: BI101, ES110, or instructor permission. (*Course fee. Science with lab*)

### **BI206 Principles of Ecology - 4 (3 lecture, 3 lab)**

Examination of the interactions that organisms have with one another and their physical environment. Students study classic ecological principles used to understand the behavior, physiology, distribution, and abundance of plants and animals. Prerequisite: BI101, ES110, or instructor permission. (*Course fee. Science with lab*)

### **BI207 Special Topics in Biology - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor permission, course fees, or prerequisites may be required for some courses.

### **BI211 Plant Taxonomy - 4 (3 lecture, 3 lab)**

Survey of vascular flora of the Upper Peninsula of Michigan. Emphasis is on field identification of common species, collection and preparation of herbarium samples, and traditional plant uses. (*Offered on demand. Course fee. Science with lab*)

### **BI223 Anatomy & Physiology I - 4 (3 lecture, 3 lab)**

This course provides an overview of human anatomy and physiology using a body-systems approach. It will emphasize the inter-relationships between form and function at the gross and microscopic levels. Exploration of the structure and function of the skin, skeletal, muscular, nervous, cardiovascular, lymphatic, digestive, reproductive and endocrine systems of the human body will be performed. The course examines how the body functions and the consequences of injury and disease. The interrelationships among the various organ systems are emphasized. Prerequisite: BI101 or Instructor/Advisor Permission. (*Course fee. Science with lab*)

### **BI224 Anatomy & Physiology II - 4 (3 lecture, 3 lab)**

Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body including cells, tissues and organs of the following systems:

endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The virtual lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive. Prerequisite: BI223. *(Course fee. Science with lab)*

#### **BI245 Microbiology - 4 (3 lecture, 3 lab)**

This course introduces the basic principles of microbiology with emphasis on microorganisms impacting human health. Topics include the structure, nutrition, metabolism, reproduction, genetics, phylogeny, and ecology of prokaryotic, eukaryotic, and acellular microorganisms. Societal issues may include emerging infectious diseases, antibiotic resistance, vaccines, and infection and immune responses. Laboratory will introduce microbiological tools, techniques, and safety. *(Course Fee. Science with lab)*. Prerequisites: MA103 or higher and BI101, CH111

#### **BI299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

### **BUSINESS (BS)**

#### **BS103 Personal Finance - 3**

Designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real-world topics covered will include income, money management, spending and credit, as well as saving and investing. This course will provide a foundational understanding for making informed personal financial decisions.

#### **BS110 Introduction to Business - 3**

Overview of business principles. Topics include the nature of competition in national and global markets, the changing business environment, the role and importance of small business to local and national economies. Course also examines how globalization impacts business.

#### **BS145 Business Communication - 3**

Introduction to the theory and practice of communication in business. Emphasizes analysis of business communication situations to plan and present effective messages in spoken, written, and multimedia forms. Examines effective communication in face-to-face and work group settings.

#### **BS149 Business Administrative Procedures - 4**

Includes administrative and general business procedures for the office. Topics include efficient procedures for managing appointments, telephone calls, records processing and customer service.

#### **BS201 Accounting I - 4**

Study of fundamental concepts, principles and procedures required in the practice of accounting including the accounting cycle and methods of recording, summarizing, reporting, and interpreting financial data.

#### **BS202 Accounting II - 4**

Continuation of BS201. Examines special applications of accounting principles such as investments, bonds, managerial and cost accounting, reports, budgeting, cash flow calculations and the use and applications of funds statements. Prerequisite: BS201

#### **BS204 Microcomputer Accounting - 4**

Introduction to computerized applications covering the accounting cycle, including chart of accounts, accounts payable, accounts receivable, payroll, and report generation.

#### **BS207 Special Topics in Business - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

#### **BS208 Management and Supervision - 3**

Exploration of principles of organizational management including planning, organizing, decision making, staffing, and leadership.

#### **BS209 Human Resource Management - 3**

Covers the principles and practices of productive employee relations with emphasis upon the selection, development and motivation of employees.

#### **BS210 Marketing - 3**

Study of the basic marketing functions of managers including decisions made in developing both strategic and tactical marketing plans. Topics include principles of market segmentation, product development, pricing, distribution planning, and promotion.

#### **BS211 Business Law - 3**

Study of legal terminology, contracts, agencies, partnerships, corporations, property, negotiable instruments, sales and court proceedings.

#### **BS212 Entrepreneurship - 3**

This practical hands-on course provides students with the skills that are essential to succeed as an entrepreneur. The fundamentals of starting a business venture including planning, licensing, tax laws and obtaining financing will be covered.

### **CHEMISTRY (CH)**

#### **CH111 Chemistry for Health Sciences - 4 (3 lecture, 3 lab)**

This course introduces principles of general, organic, and biochemistry and their applications to health-related fields. The course emphasizes the chemical processes that operate within living systems, notably our bodies and their environment. Topics include measurement, physical and chemical properties of matter, chemical bonding, solutions, acids and bases, organic compounds, chemical reactions, and metabolic processes. The concepts of the course are further explored with laboratory experiments. *(Course fee. Science with Lab)*. Prerequisite: MA103 or higher.

### **CRIMINAL JUSTICE (CJ)**

#### **CJ110 Introduction to Criminal Justice - 4**

This course is designed to introduce students to the criminal justice system and its process. Examines the inter-relationships of various agencies of the criminal justice system; police, courts, corrections, and security, and explores careers in all areas. *(Social Science)*

#### **CJ212 Introduction to Policing - 4**

Focuses on the history and development of policing and compared the various jurisdictions including Indian Country. *(Social Science)*

#### **CJ220 Introduction to Corrections - 4**

Introduces students to the field of corrections, including the history of corrections, sentencing guidelines, prisons, parole, probation, prisoner rights and the role of the corrections officer. *(Social Science)*

#### **CJ221 Roles of the Corrections Client - 4**

This course covers the various challenges that corrections professionals face while supervising prisoners. Students will learn about the stresses involved in the field, primarily manipulation and violence. *(Social Science)*

#### **CJ222 Stress Management in Corrections - 4**

Examines how stress impacts those in the corrections profession, and how stress management decreases the ill effects of job pressures and extends and enriches the vocational lives of corrections professionals. *(Social Science)*

#### **CJ230 Security - 4**

Explores the history of security and the current and emerging practices in the context of a post-9/11 world with emphasis on surveillance and Indian gaming. *(Social Science)*

#### **CJ245 Legal Issues in Corrections - 4**

Examines constitutional law, law and the court process, United States court process, prisoner rights, section 42 USC 1983 and current topics. *(Social Science)*

#### **CJ250 Contraband Control - 4**

Focuses on dangerous impacts of contraband in correctional facilities and the importance of communication in safety for staff, offenders and the public. *(Social Science)*

#### **CJ251 Staff Relations in Corrections - 4**

Students will learn about the various types of staff dividers and their many dangers for corrections personnel. Instruction includes coping strategies, discriminatory harassment policy and a process to mitigate staff division. *(Social Science)*

#### **CJ260 Native American Justice - 4**

Inspects the criminal justice systems between Indian Country and American society and the various case laws impacted Indian Country and established Tribal jurisdiction and sovereignty. *(Social Science)*

#### **CJ270 Juvenile Justice - 4**

Investigates correctional treatment of the youth offender and the many judicial and correctional options in attaining delinquency prevention. *(Social Science)*

### **EARLY CHILDHOOD EDUCATION (CE)**

#### **CE101 Introduction to Early Childhood Education - 3**

Introduction to the education of the young child, birth through age eight. Includes developmentally appropriate practices and programs, overview of history of early education, theoretical program models, ethical and professional responsibilities, different types of childhood programs and current trends and issues.

#### **CE110 Developmentally Appropriate Programming and Practice - 3**

Examination of developmentally appropriate practices applicable to early childhood settings. Address child development, learning, and effective teaching strategies. Prerequisite: CE 101 or instructor's permission.

#### **CE111 Infant and Toddler Programming - 3**

Overview of curriculum and care for infants and toddlers. Covers concepts of child development, knowledge of play as a curriculum, development assessment, the child care environment and caregiver-family relations. Prerequisite: CE101 or instructor's permission.

#### **CE115 Child Guidance - 3**

Examination of the basic structure of pre-school or early childhood programs, teaching social skills and the use of appropriate child guidance methods in the educational setting. Prerequisite: CE101 or instructor's permission.

#### **CE119 CDA Preparation Seminar - 2**

This course provides guidance through the CDA credentialing process. Students will be prepared to apply for a CDA credential upon completion of the seminar. Prerequisite: Students must be caring for children in an early childhood setting. Course offered for Credit/No Credit only.

#### **CE207 Special Topics in Early Childhood Education - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

#### **CE218 Creative Teaching Methods - 3**

Exploration of teaching methods and practices with emphasis on encouraging creative self-expression and play based learning. Students plan, implement and evaluate learning experiences that are creative, integrative and activity based. Prerequisite: CE110 or instructor's permission.

#### **CE220 Observation and Assessment in Early Childhood Education - 3**

Examines a variety of formal and informal assessment techniques used in early childhood settings. Emphasizes the importance of observing young children and how to use these observations in program planning and decision making. The Michigan Department of Education (MDE) Early Childhood Standards of Quality (ECSQ) and the National Association for the Education of Young Children (NAEYC) guidelines for assessment will be integrated into class discussions to help students gain insight into the best practices with young children.

#### **CE223 Children's Literature - 3**

Introduction to children's literature from various genres and cultural perspectives through language and literacy development. Helps students to gain intentional teaching methods and strategies that supports language and literacy development in young children through children's literature.

#### **CE237 Children with Special Needs - 3**

Introduction to serving young children with special needs in inclusive environments. Describes types and causes of developmental disabilities. Provides information needed to apply the philosophy, principles, and strategies that make inclusion work for all children.

#### **CE275 ECE Field Practicum - 2**

Provides opportunity for practical experience through observation and supervised participation in early care and education setting with young children. Students will develop and implement developmentally appropriate environments and activities.

#### **CE290 Early Childhood Program Management - 3**

Examination of administrative issues associated with program development and implementation. Key topics include staffing,

personnel management and leadership, licensing, certification, equipment and materials, facilities design, and family and community outreach. Prerequisite: CE237 or instructor's permission.

#### **CE299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

#### **ECONOMICS (EC)**

##### **EC201 Microeconomics - 4**

Introduction to theoretical and practical principles of markets, prices, business decision making and consumer behavior. (*Social Science*)

##### **EC202 Macroeconomics - 4**

Exploration of the relationship between the aggregate economy and various broad economic indicators. Topics include recession, economic growth rates, inflation, consumer spending and personal saving, fiscal policy, monetary policy, national, and trade deficits. (*Social Science*)

##### **EC207 Special Topics in Economics - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

#### **EC299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

#### **ENGLISH (EN)**

##### **EN100 Expressive Writing with Reading - 4**

Designed to tap into student creativity and process pedagogy, this course guides students in developing literacy both in composing and understanding texts of various kinds, including creative, academic and college texts, including linguistic and visual aspects. Attention is paid to structure and correctness of prose in its various forms.

##### **EN102 College Composition I - 3 (3 lecture, 1 recitation)**

Designed to improve the students' reading, writing, grammar, and analytical skills. Emphasis is on writing short essays with an introduction to research writing. Prerequisite: C or better in EN100 or placement (*Composition*)

##### **EN106 Sharing Information & Stories Orally - 3**

Public Speaking is the application of communication theory and practice within the public speaking context. Emphasis is placed on audience analysis, speaker delivery, ethics of communication, cultural diversity, cultural contexts (specifically Anishinaabe philosophies), and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations. Additional emphasis given to the use of verbal and non-verbal skills to make points clear and effective, and reducing stress when speaking publicly. (*Anishinaabe Awareness*)

##### **EN150 Introduction to Literature - 4**

Introduction to literary analysis and interpretation through readings and discussion of a wide range of prose, poetry and drama. (*Humanities*)

##### **EN202 College Composition II - 3 (3 lecture, 1 recitation)**

Continuation of EN102. Further development of students' skills with emphasis placed on writing longer and more complex essays, reports, and other documents with critical discussion of drafts. Emphasizes use of research material, including an introduction to primary research. Prerequisite: C or better in EN102. (*Course fee. Composition*)

##### **EN207 Special Topics in English - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

##### **EN210 World Literature - 4**

In depth study of literature from various regions. Course may be repeated for credit with different topics. (*Humanities*)

##### **EN220 Storytelling in the Digital Age - 4**

Examines historical and contemporary creative works utilizing multiple media. Students will learn the basics of digital photographic manipulation to create and present original stories. (*Course fee. Humanities*)

##### **EN250 Anishinaabe Images in Literature and Film - 4**

Examination of how Anishinaabe tribes, cultures, beliefs, and individuals have been represented in film, media, and literature by both Native and non-Native writers and film makers. (*Humanities & Anishinaabe Awareness*)

##### **EN255 Modern Anishinaabe Literature - 4**

Survey of Anishinaabe literature, twentieth century and beyond. Emphasis is placed on the Anishinaabe culture, experience, and philosophy. (*Humanities & Anishinaabe Awareness*)

##### **EN260 Creative Writing - 4**

Introduction to the fundamentals of the different genres of creative writing. The course will explore publication options open to writers. (*Course fee*)

#### **EN299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

#### **ENVIRONMENTAL SCIENCE (ES)**

##### **ES107 Science Issues Today - 1**

Discussion-focused application of key science concepts related to current issues. Topics vary by semester, and content is appropriate for non-science majors. May be repeated for credit.

##### **ES110 Introduction to Environmental Science - 4 (3 lecture, 3 lab)**

An interdisciplinary overview of biological, physical, and social factors involving relationships between humans and the environment. The course includes foundational concepts in ecology, earth sciences, natural resource use and conservation, and consequences of human population growth. (*Course fee. Science with lab*)

##### **ES121 Dendrology - 4 (3 lecture, 3 lab)**

An examination of trees, emphasizing identification and classification. Additional topics include tree physiology, growth, reproduction, dispersal, and relationships between trees and their environment. Species of Michigan's Upper Peninsula are the focus and are examined through weekly field excursions. *(Course fee. Science with lab)*

#### **ES125 Introduction to Water Resources - 4**

An interdisciplinary examination of issues related to global water resources. The course introduces foundational concepts in surface and groundwater hydrology, water quality and supply, water law, and socio-economic factors associated with water resource management. Case studies examine human impacts on water resources. *(Social Science)*

#### **ES158 Human Geography - 4**

Examination of world geographic conditions such as climate, landforms, natural resources, and ecology and how they influence human culture and civilization over time. Environmental impacts of societies are a focus, including population growth, resource utilization, agriculture, industry, and political and economic systems. *(Social Science)*

#### **ES204 Forest Ecosystems of the Upper Peninsula - 4 (3 lecture, 3 lab)**

Broad overview of the ecology of local forests. Students examine forest community composition, interactions between plants and other organisms, ecosystem changes across space and time, and forest hydrology and soils. Additional topics include forest management and policy, fire, invasive species, and social values associated with forests. Prerequisite: ES110, ES121, or instructor permission. *(Course fee. Science with lab)*

#### **ES207 Special Topics in Environmental Science - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor permission, course fees, or prerequisites may be required for some courses.

#### **ES209 Streams and Wetlands - 4 (3 lecture, 3 lab)**

This course provides a field-based introduction to physical and biological attributes of stream and wetland ecosystems. Topics include watershed hydrology, habitat values, conservation and restoration strategies, and policies associated with stewardship and management. Prerequisite: ES110 or instructor permission. *(Course fee. Science with lab)*

#### **ES216 Sustainability - 4**

An interdisciplinary examination of how to meet today's societal needs without sacrificing the ability of future generations to meet their needs. Relationships between human and natural systems are the focus, with emphasis on critical current issues such as climate change, impacts to water resources, loss of biodiversity, and energy production and use. Economic, legal, and sociological concepts are examined. Prerequisite: ES110 or instructor permission. *(Social Science)*

#### **ES217 Environmental Policy - 4**

An overview of environmental policy and regulatory processes in the United States. Students examine the roles of stakeholders and government regulators in the policy-making process. Case studies examine major environmental issues and policy outcomes, focusing on the concepts of risk, economics, and human values. Prerequisite: ES110 or instructor permission. *(Social Science)*

#### **ES218 Environmental Justice and Ethics - 4**

An introduction to environmental justice and ethics as place-specific conflicts, practices, and consequences, with particular focus on Indigenous case studies. Using scholarship from geography, anthropology, sociology, and Indigenous studies, students critically examine the role of race, gender, colonialism, and other social

differences in environmental justice and ethics issues. Prerequisite: ES110 or instructor permission. *(Humanities & Anishinaabe Awareness)*

#### **ES219 Anishinaabe Environmental Studies - 4**

Exploration of human-environment relationships from an Anishinaabe perspective. Traditional cultural values and worldviews are linked to contemporary Tribal natural resource stewardship objectives. Other foundational topics include sovereignty, treaty rights, and traditional ecological knowledge. *(Humanities & Anishinaabe Awareness)*

#### **ES298 Internship - 1-4 credits**

The internship course requires that a student engage in practical work experience in the Environmental Science field under the supervision of a practicing professional. Students receive one credit for every 80 hours worked in the approved site. This is a Pass/Fail course. This course may be repeated for credit. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

#### **ES299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest under the supervision of a faculty mentor. This is a Pass/Fail course. This course may be repeated for credit. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

### **FOODS AND NUTRITION (FN)**

#### **FN101 Introduction to Culinary Skills - 2 (1 lecture, 2 lab)**

This is a hands-on cooking class, with lecture and lab session where basic cooking skills will be learned and performed in an institutional setting. This course will provide the student with the skills to prepare for entry-level employment in the food service industry or improve their cooking skills in the home. *(Course fee)*

#### **FN102 Advanced Culinary Skills - 2 (1 lecture, 2 lab)**

Continuation of Basic Cooking Methods. Hands-on cooking class where basic cooking skills will be learned, built upon, and performed in an institutional setting. Provides the student with skills for entry-level employment in the food service industry or improve their cooking skills in the home. Focuses on meat, pork, poultry and fish; yeast breads; and elements of restaurant bookkeeping. Prerequisite: FN102 or instructor's permission. *(Course fee)*

#### **FN130 Baking and Pastry I - 2 (1 lecture, 2 lab)**

This course provides students an introduction into baking and pastry. It provides experience in baking and pastry sufficient to qualify students for an entry level hospitality position. The course will also provide foundations to aid the home cook in creating at home. Required for entry into Baking and Pastry II. *(Course fee)*

#### **FN140 Food Safety and Sanitation - 3**

This course addresses basic sanitation principles, ways to apply the principles in practical situations, and methods for training and motivating food service personnel to follow good sanitation practices. Certification via ServSafe will be offered upon course completion. *(Course fee)*

#### **FN145 Nutrition and Sustainability - 3**

This course focuses on basic principles of nutrition and their relationship to health and cuisine. Current issues in sustainability are reviewed, as well as dietary guidelines and food fads. The course debunks common myths about nutrition and health. Foraging and responsible consumption of natural resources form a central theme of the course.

#### **FN150 American Regional Cuisine - 3**

This course guides students through an examination of current American cuisine. It will demonstrate cooking methods through technical application and critical thinking. All twelve regions of the United States will be explored. *(Course fee)*

#### **FN201 Local and Native Cuisine - 2 (1 lecture, 2 lab)**

Local, Organic, Seasonal & Sustainable Cooking in the ever-changing landscape of food service including the use of local, affordable ingredients; cost versus the nutritional value of sustainable organic foodstuffs; the explosion of vegetarian and vegan cooking in local, regional and national fusion cooking, heritage and ethnic cooking; incorporating this knowledge into cooking skills. *(Course fee)*

#### **FN202 Essential Elements of Restaurant Management - 3**

Focuses on the leadership and management skills essential to success within food service operations. Incorporates menu planning, management development, customer service, purchasing, receiving, and storage. Familiarizes the student with the general rules of table settings and table service; covers the principles of menu development, quality customer service, catering, buffet preparation and event planning. Includes preparation techniques for buffets, special celebrations and the challenges of working with limited resources in remote and/or temporary kitchens.

#### **FN207 Special Topics Food and Nutrition - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

#### **FN230 Baking and Pastry II - 2 (1 lecture, 2 lab)**

A continuation of Baking and Pastry I, this course will prepare students for work in the baking profession or in a professional patisserie. Prerequisite: FN130 *(Course fee)*

#### **FN240 Garde Manger and The Art of Cold Foods - 3**

This course will refine and build on skills that were explored in FN101 and FN102. "Garde Manger" is a French term which refers to cold and preserved foods. Students will explore methods of presentation used in high end banquet and buffet displays, such as those employed on cruise ships or at top tier hotels. *(Course fee)*

#### **FN250 International Cuisine - 3**

This course invites students to experience the world through international cuisines. Students will explore a broad range of cooking, eating and serving food inspired by global influences to expand their palates and culinary repertoires beyond the Western and Native American traditions. This course includes selections of worldwide cuisines. *(Course fee)*

#### **FN260 Exploring Vegetarianism - 3**

This course introduces students to vegetarian cuisine, utilizing non-animal-based foods. Students will develop a range of cooking techniques applicable to vegetarian cuisine. Meal preparation will concentrate on balanced menus of all categories within a vegetarian or vegan lifestyle with consideration of nutritional needs and balance. *(Course fee)*

### **GEOSCIENCE (GS)**

#### **GS105 Introduction to Earth Science - 4 (3 lecture, 3 lab)**

This course examines the physical geography of the earth and processes related to earth systems. Plate tectonics, water resources, and human impacts on the landscape are key themes. Additional topics include geology, geologic time, geomorphology, weathering, soils, and climate. *(Course fee. Science with lab)*

#### **GS207 Special Topics in Geoscience - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor permission, course fees, or prerequisites may be required for some courses.

#### **GS299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

### **HEALTH (HL)**

#### **HL100 Medical Terminology - 1**

Medical terminology is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in all health care occupations. Students receive a thorough base of knowledge in basic medical terminology through a study of root words, prefixes and suffixes. The study focuses on correct pronunciation, spelling and use of medical terms.

#### **HL101 Introduction to Health Professions - 3**

This course will prepare students for a career in healthcare and healthcare related fields. This course is intended to introduce students to the many important concepts allowing them to explore and gain knowledge about the different fields of healthcare. This course will allow the student to start thinking like future healthcare professionals and provides students with a foundation for college success, as well as an introduction to the various health professions, resources for career planning, and the concepts of professionalism, health care ethics, cultural competence, interdisciplinary health care teams, world health issues and health care policies. \*\*This course requires 80 hours of shadowing to be completed with a healthcare professional of your choice. This requires a background check and TB testing that will include an additional course fee. *(Social Science)*

#### **HL102 Legal and Ethical Issues for Health Professions - 4**

This course will focus on the legal and ethical issues that will be faced by future healthcare professionals. It will provide a comprehensive look at current trends in the basic principles of law and ethics, including morals and values. Through providing this foundation, students will gain a better understanding of how these laws, ethics and standards are applied in the health care setting and how health care professionals comply with the ever-changing landscape of healthcare. Prerequisite: HL100. *(Social Science)*

#### **HL105 Nursing Assistant - 6**

This course prepares students to provide basic personal care in various healthcare settings under the direction of nursing or medical personnel. The goal of providing personal care is to assist persons in attaining and maintaining functional independence. The course includes basic understanding of body systems, skills in bathing, hygiene measures, bed making, obtaining vital signs, cultural competence, patient's rights and therapeutic communication. Anishinaabe cultural content is foundational to provide culturally sensitive care to members of tribal communities. Concurrent enrollment in HL106 is required.

Upon successful completion of HL105 and HL106, the student is eligible to complete a state registry skills and theory examination in order to become a Certified Nurse Aide. Prior to acceptance, students will be screened, including a background check, a tox screen, and a two-part TB test. Failing any portion of the screening will disqualify students from enrollment.



### **HL106 Nursing Assistant Clinical - 3 (6 hours)**

This clinical provides supervised practice of the skills acquired in HL105. Students apply their acquired knowledge of body systems and skills in bathing, hygiene measures, bed making, obtaining vital signs, cultural competence, patients' rights, and therapeutic communication in the clinical setting and in providing culturally sensitive care to members of tribal and other diverse communities. Upon successful completion of HL105 and HL106, the student is eligible to complete a state registry skills and theory examination in order to become a Certified Nurse Aide. Concurrent enrollment in HL105 is required. Prerequisites: Prior to acceptance, students will be screened, including a background check, a tox screen, and a two-part TB test. Failing any portion of the screening will disqualify students from enrollment.

### **HL102 Legal and Ethical Issues for Health Professions - 4**

This course will focus on the legal and ethical issues that will be faced by future healthcare professionals. It will provide a comprehensive look at current trends in the basic principles of law and ethics, including morals and values. Through providing this foundation, students will gain a better understanding of how these laws, ethics and standards are applied in the health care setting and how health care professionals comply with the ever-changing landscape of healthcare. Prerequisite: HL100. (*Social Science Elective*)

### **HL201 Human Nutrition - 3**

The student will be introduced to the role of nutrition, exercise and health behaviors that are required to meet the ever-changing demands of providing quality nutritional care in health promotion and disease prevention for human beings across their life spans. This course emphasizes a strong foundation in the science of nutrition and a clear understanding of how to apply that knowledge in practice, recognizing the need for professionals to ensure optimal nutrition in patient care, health promotion and disease prevention across an individual's life span.

### **HL207 Research and Special Topics - 1-4**

Exploration of topics pertaining to current events in healthcare or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

### **HL298 Health Science Internship - 1-4**

The Health Science internship provides students with practical work experience in the Healthcare field under the supervision of a practicing professional or at an approved work site. Students receive one credit for every 80 hours worked in the approved site. This is a Pass/Fail course. This course may be repeated for credit.

## **HISTORY (HS)**

### **HS110 Introduction to American Government - 4**

Survey of the structure and processes of the American federal governmental system. Examination of the relationship between the federal government and Anishinaabe tribes. (*Social Science*)

### **HS207 Special Topics in History - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

### **HS299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean

of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

## **HUMANITIES (HU)**

### **HU109 Introduction to Humanities - 4**

Survey of philosophy, art, music, literature and drama of a given time and place; approach may be historical, cross-cultural, or thematic. (*Humanities*)

### **HU110 World Cultures - 4**

Examination of traditional worldviews, religions, practices, and customs of the peoples of various world regions. Emphasis is on how cultural elements are expressed in music, dance, fine art, and literature. Special attention is given to indigenous cultures worldwide. (*Humanities*)

### **HU207 Special Topics in Humanities - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

### **HU299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

## **INFORMATION SYSTEMS (IS)**

### **IS105 Computer Concepts - 2**

Students will develop an understanding of basic computer concepts. Computer technology, hardware and software, Windows operating system, and security will be covered.

### **IS107 Digital Publishing - 3**

Includes the use computer software and peripherals to manipulate page layouts, edit graphic images and use templates to create business forms.

### **IS110 Principles of Information Systems - 4**

This course covers the fundamental skill levels for word processing, spreadsheets, presentation graphics, and databases with emphasis on real-world situation.

### **IS120 Networking - 4**

This course provides detailed descriptions and workings of network hardware and software components and covers operation and management of a LAN. Students will set up NICs, hubs, wiring for Ethernet, and other topologies. Prerequisite: IS105.

### **IS203 Advanced Word - 3**

Includes advanced tasks for creating, editing, formatting and printing a variety of documents using Microsoft Word. Prerequisite: IS110.

### **IS204 Advanced Spreadsheets - 3**

Includes advanced formulas and functions, printing and displaying graphs, and other advanced principles using Microsoft Excel. Prerequisite: IS110.

### **IS207 Special Topics in Information Systems - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

### **LIBERAL STUDIES (LS)**

#### **LS103 College Success - 2 (1 lecture, 3 lab)**

Designed to show how to effectively manage time, study, take notes, increase organizational skills, take tests, use college technology, access information, and generally succeed while in college. Students develop lifelong learning skills and understanding of academic expectations, integrity, and community. Required.

#### **LS104 College Success Skills - 1**

Students will receive academic coaching in the areas of study skills, note-taking and test preparation and focused tutoring in current courses. This is a Pass/Fail course. This course is intended to support students' academic skills gained in LS103 College Success prerequisite LS103. May be repeated for credit. Prerequisite: LS103

#### **LS133 Online College Success - 2 (1 lecture, 3 lab)**

This course is designed to show how to effectively manage time, study, take notes, increase organizational skills, take tests, use college technology, access information, and generally succeed while attending college in the KBOCC online learning environment. The course addresses how to navigate the online classroom, how to prepare for and participate in discussions, how to complete quizzes and tests and generally how to manage the online learning experience effectively. Students develop lifelong learning skills and understanding of academic expectations, integrity, and community in an online environment. This class will be tailored to the MyKBOCC Web Portal. Required.

#### **LS207 Special Topics in Liberal Studies - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

#### **LS295 Teaching Assistant - 1-3**

Instructional experience as undergraduate teaching assistant, including planning, set-up, coaching students, and demonstrating techniques. Prerequisite: Permission of Instructor and B or better grade in course in which student will assist. Course may be repeated for credit. Prerequisites: sophomore status.

#### **LS297 Capstone Seminar - 1**

Culmination of course work in the Liberal Studies and Liberal Studies with Art, Criminal Justice, Social Science Emphasis degree programs. The course provides students the opportunity to map their transfer plan, portfolio development, conduct small-scale individual projects and/or expand upon projects conducted during their course work and to polish skills needed for transferring to a four-year degree program or entering the work force. Required to take in last semester. Prerequisites: completion of EN202 and either LS295, LS298, or LS299. (Course fee)

#### **LS298 Internship - 1-3**

This internship course gives the student the opportunity to grow academically, pre-professionally, personally and civically through participation in a service-learning experience with community organizations or government agencies. Students gain practical experience under the supervision of a practicing professional or at an approved site. Students must work at least 80 hours at the work site for each credit, complete written journals, and meet regularly with their advisor. This is a Pass/Fail course. This course may be repeated for credit. Prerequisites: sophomore status.

#### **LS299 Research and Special Projects - 1-3**

Students conduct research, create projects, or portfolio development in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5. Prerequisites: sophomore status.

### **MATHEMATICS (MA)**

#### **MA102 Quantitative Literacy - 4**

Introduction to mathematical modeling and its uses for real world problem solving and applications. Students will learn to represent data and problems numerically, symbolically, and graphically. Topics include linear and non-linear models, financial models, symbolic logic, networks and graphs, probability and counting, statistical reasoning. Prerequisite: Placement.

#### **MA102B Quantitative Literacy with Co-Requisite - 5**

Introduction to mathematical modeling and its uses for real world problem solving and applications. Students will learn to represent data and problems numerically, symbolically, and graphically. Topics include linear and non-linear models, financial models, symbolic logic, networks and graphs, probability and counting, statistical reasoning. Students will also simultaneously engage in a review of developmental math material such as decimals, fractions, proportions, basic concepts of algebra, and geometry as a co-requisite.

#### **MA103 Quantitative Reasoning - 4**

Application oriented course to follow MA102. Students will continue to develop problem solving skills and methods to communicate quantitative arguments including writing and presentation. Topics include voting theory, geometric models, similarity and scaling, game theory, determination of problem-solving methods, their limitations, and use. Prerequisite: Placement or C or better in MA102 or higher.

#### **MA105 College Algebra - 4**

Exploration of real numbers, equations, inequalities and absolute value, linear systems, conic sections, exponential and logarithmic functions, natural number functions and probability. Prerequisite: C or better in MA104; or MA102 if taken Fall 2018 or later; or placement. (Mathematics)

#### **MA130 Pre-Calculus - 4**

Review of basic algebraic principles in preparation for calculus. Topics include functions and trigonometry. Prerequisite: C or better in MA104; or MA102 if taken Fall 2018 or later; or placement. (Mathematics)

#### **MA201 Probability and Statistics - 4**

Introduction to the basic methodologies used in the statistical analysis of data. Topics include probability, descriptive statistics, probability distributions including normal, t- and chi-square and techniques for statistical inference. Special attention is given to the application of methods for the biological, physical, and social sciences. Course uses EXCEL and MINITAB software for statistical analysis. Prerequisite: MA101 or higher. (Mathematics)

#### **MA207 Special Topics in Mathematics - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

#### **MA299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

### **Nursing (NR)**

#### **NR101 Fundamentals of Nursing Practice - 6**

This course is an introduction to the role of the professional nurse using a systematic approach to foundational, evidence-based nursing concepts. The nursing process is used to develop critical thinking and judgement to safely meet the basic needs of the patients the student nurse will be providing care. Emphasis is placed on fundamental nursing skills, professional practice and concepts that are relevant to patient-centered nursing care across the lifespan to include health promotion and disease prevention. This course includes lecture, laboratory, and clinical components. The student must maintain a grade of "B-" or better in general education and program courses. Prerequisites: Admission to the Nursing Program. Corequisites: NR150, NR 151

#### **NR102 Adult Health I - 6**

This course is an introduction to common acute and chronic conditions in adult patients. The course includes assessment and identification of clinical problems, prioritization, patient-centered and evidence-based nursing interventions, outcome development, and evaluation, and recognition of the usual course of medical treatments. There is a clinical component to this course. The student must maintain a grade of "B-" or better in general education and program courses. Prerequisites: NR101, NR150, NR151. Corequisites: NR103

#### **NR103 Mental Health Nursing - 3**

This course focuses on mental health concepts, understanding the dynamics of human behavior and therapeutic communication with an emphasis on safe nursing care for the patient. This student will gain knowledge about the concepts of mood and affect, stress and coping, advocacy, safety, therapeutic communication and managing care. There is a clinical component to this course. The student must maintain a grade of "B-" or better in general education and program courses. Prerequisites: NR101, NR150, NR151. Corequisites: NR10

#### **NR105 Clinical Transitions - 1**

Clinical Transitions is a self-directed course designed for students who have been out of the nursing program sequence for more than one semester. This is an independent study, technical skills testing, and patient-centered care experiences based on the last semester of attendance. Activities are planned to review and evaluate a student's readiness to re-enter the nursing sequence. This course will be offered as needed and will require the approval of the Nursing and Health Sciences Department Chair. Prerequisite: Must be enrolled in the Nursing major.

#### **NR150 Nursing Assessment and Pathophysiology - 3**

This course is designed as an interactive lecture and lab experience to introduce the student to the knowledge and skills needed to perform a systematic physical assessment of a patient and record the findings appropriately. The course emphasizes a holistic approach to assessment and the identification of underlying health conditions, health promotion and disease prevention while encompassing the adult patient. This course will also provide the student with the ability to communicate their findings with other members of the healthcare team. This course is interactive with a hands-on approach, utilizing mannikins and simulation. Prerequisites: Admission to the Nursing Program. Corequisites: NR101, NR151.

#### **NR151 Pharmacology and Dosage Calculations - 3**

This course is an introduction to the nurse's role in the safe preparation and administration of a variety of medications, including dosage calculations. It will provide the student nurse with the foundational and governing principles of pharmacology in nursing across the lifespan. They will be provided with the concepts of pharmacodynamics and pharmacokinetics, along with major drug classes and their prototypes. Students will also gain an understanding of the importance of safe medication administration and providing patient education. The student must maintain a grade of "B-" or better in general education and program courses. Prerequisites: Admission to the Nursing Program. Corequisites: NR101, NR150

#### **NR154 Practical Nursing Exit Course - 3 (3-0)**

This course is designed to provide both theory and lab experiences for those students wanting to exit the ADN program to either pursue their career as an LPN or to obtain their LPN licensure and return in the second year to complete the AND program while having the opportunity to work as an LPN. The course strengthens the student's ability to develop and utilize the nursing care plan, complete detailed assessments, and engage in clinical reasoning. Students completing the course will understand the differences between the LPN and RN scope of practice. Nursing skills reviewed and evaluated include but are not limited to those skilled found within the LPN Scope of Practice. Prerequisites: NR101, NR150, NR151, NR102, NR103.

#### **NR200 Transition to RN Program - 1 (1-1)**

This course is a theory and lab experience designed for the Licensed Practical Nurse who possess a current license and have stepped out of nursing school for greater than one year. The course is designed to strengthen the student's ability to develop and utilize the nursing care plan, complete detailed assessments, and engage in clinical reasoning. Students completing the course will understand the difference between the LPN and RN scope of practice and the differences in their responsibilities as an RN. Nursing skills reviewed and evaluated will include but are not limited to those skills and responsibilities that fall within the RN Scope of Practice. Prerequisites: LPN licensure, acceptance into the ADN program, GPA requirements, BI223, BI224 within the past 5 years, completion of the HESI exam.

#### **NR202 Adult Health II - 6**

This course focuses on care of adult patients with increasingly complex acute and chronic conditions. The course includes the development of professional nursing skills such as delegation, collaboration, and prioritization. There is a clinical component to this course. The student must maintain a grade of "B-" or better in general education and program courses. Prerequisites: NR101, NR150, NR151, NR102, NR103. Corequisites: NR203.

#### **NR203 Family Centered Nursing - 5**

This course will focus on concepts of family and child development from conception through adolescence. The course includes participation in patient-centered care of maternal/child and pediatric clients through the application nursing judgment. There is a focus on the family and significant others, identifying diverse cultural backgrounds, patterns of knowing and situational crisis of family health. Both observational as well as hands on activities will be provided, including community nursing and resources that can be identified in various healthcare settings and agencies. There is a clinical component to this course. The student must maintain a grade of "B-" or better in general education and program courses. Prerequisites: NR101, NR150, NR151, NR102, NR103. Corequisites: NR202.

#### **NR204 Adult Health III - 6**

This course will focus on delivering patient-centered care to adult clients with emergent and multi-system problems. The course will include an introduction to critical care and emergency care nursing while applying critical thinking and judgment, evidence-based practice, and collaboration with the interprofessional healthcare team. There is a clinical component to this course. The student must maintain a grade of "B-" or better in general education and program courses. Prerequisites: NR101, NR150, NR151, NR102, NR103, NR202, NR203. Corequisites: NR297.

### **OJIBWA STUDIES (OS)**

#### **OS110 Ojibwa Language and Culture I - 4**

Introduction to Ojibwa language, customs and traditions. Designed to acquaint students with basic Ojibwa grammar, vocabulary and idioms while presenting an overview of historic and contemporary Ojibwa lifestyles. (*Humanities & Anishinaabe Awareness*)

#### **OS135 Keweenaw Bay Indian Community History - 2**

Overview of the history of the Keweenaw Bay Indian Community. Topics include the creation of the L'Anse Indian reservation, tribal leaders, origins of Indian gaming, treaties, and related topics. (*Social Science & Anishinaabe Awareness*)

#### **OS205 Ojibwa Language and Culture II - 4**

Continuation of OS110. Further study of Ojibwa language, customs, and traditions. Develops students' skills in oral and written Ojibwa and expands their knowledge of historic and contemporary Ojibwa lifestyles. Prerequisite: OS 110. (*Humanities & Anishinaabe Awareness*)

#### **OS207 Special Topics in Ojibwa Studies - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

#### **OS299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

### **PHYSICAL EDUCATION (PE)**

#### **PE102 Bowling - 1**

Introduction to basic bowling skills, etiquette, and rules with emphasis on approach, delivery, and optimizing scores.

#### **PE103 Weight Training - 1**

Introduction to weight training and its role in physical fitness and wellness.

#### **PE107 Aerobics - 1**

Introduction to aerobic exercise. Class exercises include warm-up, aerobic dance, toning and strengthening, cool-down, and relaxation.

#### **PE110 Personal Health - 1**

Introduction to basic principles of physical activity and nutrition for maintaining good health. Provides practical experience in adopting the principles in students' own lives.

#### **PE112 Powwow Dancing - 1**

Introduction to the different types of powwow dances, powwow etiquette, and conditioning methods to prepare students to participate in weekend long powwows. (*Anishinaabe Awareness*)

#### **PE207 Special Topics in Physical Education -1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

#### **PE299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

### **PSYCHOLOGY (PY)**

#### **PY101 Psychology - 4**

Survey of the field of psychology. Behavior and mental processes are studied from the viewpoints of biological foundations, cognitive processes, emotion, motivation, life-span development, adjustment, abnormality and social psychology. (*Social Science*)

#### **PY207 Special Topics in Psychology - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

#### **PY210 Child Psychology - 4**

Examination of current research and theories on the physical, cognitive, social and emotional development of children from conception through adolescence. Includes discussion of practical applications for parenting, child care and education. Recommended: PY101. (*Social Science*)

#### **PY240 Abnormal Psychology - 4**

Examination of current theories and research on disordered or dysfunctional human behavior. Topics include the various perspectives for understanding the causes of disorders and corresponding approaches to treatment. Recommended: PY101. (*Social Science*)

#### **PY260 Social Psychology - 4**

Exploration of theories and research on the psychology of social interactions and their applications in everyday life. Topics include social facilitation, group processes, leadership, intergroup conflict, interpersonal attraction, persuasion and altruism. Recommended PY 101 (*Social Science*)

#### **PY299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline and the Dean of Academic Affairs. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

### **SOCIOLOGY (SO)**

#### **SO101 Introduction to Sociology - 4**

Introduction to the study of human interaction. Topics include social organization, socialization, deviance, status and role, and social and cultural change. (*Social Science*)

**SO102 Social Problems - 4**

Examination of current social problems in American society. Topics include poverty, racism, crime, pollution, and disease as well as methods used to combat these problems. (*Social Science*)

**SO201 Marriage and the Family - 4**

Study of the role of marriage and the family in contemporary society with historical perspectives and sociological analysis. (*Social Science*)

**SO202 Minority Groups in America - 4**

Explores the theory of racism, prejudice, political economic, and social inequalities, and conflict. It addresses minority problems and contributions to American life and culture. Recommended: SO 101. (*Social Science*)

**SO207 Special Topics in Sociology - 1-4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

**SO299 Research and Special Projects - 1-4**

Students conduct research or create projects in areas of special interest. Students must prepare written proposals including project schedules and evaluation methods with faculty mentor assistance. Each proposal must be approved by faculty from the relevant discipline. Open only to students who have completed 12 credits with a minimum GPA of 2.5.

**VOCATIONAL INSTRUCTION (VI)****VI207 Special Topics in Vocational Instruction - 1- 4**

Exploration of topics pertaining to current events or of special interest to students. Instructor's permission or course prerequisites may be required for some courses.

*For course descriptions of the General Education requirements, please see the most current KBOCC Catalog, which can be found at [www.kbocc.edu](http://www.kbocc.edu) under "Academics."*

## Anishinaabe Culture

Keweenaw Bay Ojibwa Community College upholds the seven sacred grandfather teachings, Wisdom, Love, Respect, Bravery, Honesty, Humility, and Truth. We use the Medicine Wheel for teaching us that **we have four aspects to ourselves: the physical, the mental, the emotional, and the spiritual**. Each must be in balance and equally developed in order for us to remain healthy, happy individuals.

This is important to keep in mind throughout your life span. Working towards a degree can be a daunting endeavor, no matter when in your life you decide to pursue your dream of a college education. This will hopefully remind you that if everything in your life is not in balance, another part is going to suffer. When you see this might be the case, do not become discouraged. Simply take a step back, evaluate what is out of balance and then take time to re-balance yourself so that you can continue on the road in the pursuit of your dreams.

**Mino Bimadiziwin "Living in A Good Way.**

