

Indigenous Food System Curriculum (Draft)					
	Title of course	Unit	Hours	Course Description	Link to detail Module
EXPERIENCIAL LEARNING, LAND BASED EDUCATION AND PERMACULTURE					
1	AGRI 3030: Introduction to Experiential Learning	3	40	This course provides students with an introduction to the workings of a modern Canadian animal production commercial operation. Through extensive tours and hands-on activities at Glenlea Research Station (GRS) and in-class lectures, students will gain familiarity with the procedures necessary to safely carry out the daily work involved in raising swine, poultry, and dairy cattle. Topics covered include animal nutrition and handling, animal housing, animal ethics, biosecurity, equipment safety, tractor operation principles, manure management, and use of production technology such as robotic milking machines and livestock management software. This course will also provide students with an introduction to experiential learning and associated reflection activities. Students will learn how experiential learning differs from conventional classroom activities, how reflection activities can enhance skill and knowledge acquisition, and how to apply reflection techniques to activities performed “in the field.” The knowledge and skills gained in this course will be essential for success if students intend to take AGRI 3040: Experiential Learning II, where they will have the opportunity to participate in extensive hands-on work in one animal production facility at Glenlea Research Station.	https://umanitoba.ca/faculties/afs/student/experientiallearning.html
2	AGRI 3040: Advanced Experiential Learning	3	40	Building upon the understanding of animal production systems developed in AGRI 3030: Experiential Learning Introduction, students will be given the opportunity to practice hands-on husbandry skills at Glenlea Research Station (GRS). Students will select an area of animal production they find particularly interesting (swine, laying hen, or dairy cattle) and will spend the majority of the course working closely with experienced animal production technicians, who will facilitate student development of key production skills. Students must perform daily production tasks to the satisfaction of the animal production specialist to pass this course. All students will spend a small part of their time in the GRS feed mill, where they will learn how to operate the feed mill to create a poultry ration. Using their understanding of strategic reflection developed in AGRI 3030, students will also participate in classroom and at-home reflection activities which will strengthen and contextualize their understanding of their experiences.	https://umanitoba.ca/faculties/afs/student/experientiallearning.html Dr. Bobiwash and others are working with the program coordinator to build in Indigenous elements in to these courses
3	NRI 7160: Permaculture Design Certificate Course for Prairie and Boreal Ecosystems	4	40	Permaculture is a whole-systems design approach that derives its concepts, ethics, principles, and methods from Indigenous peoples and time-tested systems to create sustainable human settlements and institutions. With its roots in horticulture and agriculture, permaculture design is interdisciplinary, touching on a wide range of subjects including ecology, regional planning, animal husbandry, architecture, environmental management systems, appropriate technology, and sustainable development. Permaculture design is a way of landscape planning applicable to scales from the home garden to the broad acre farm.	http://ecohealthcircle.com/wp-content/uploads/2020/07/Permaculture-Design-Course-winnipeg-sted.pdf

4	Land Based Education, REC 2130: Introduction to Outdoor and Land-Based Education	3	40	This course provides an introduction to both Indigenous and non-Indigenous perspectives on landbased education and outdoor recreation. Students examine how as individuals and groups we can build strong relationships and a robust sense of connection with others, with the land, the outdoors, and with recreation through academic and experiential explorations. Prerequisite: KPER 1400 (C) (or the former PERS 1400 or the former REC 1400).	https://umanitoba.ca/faculties/kinrec/undergrad/recman/minor.html
5	Indigenous Issues in Food Systems	3	40	An overview of the historical and contemporary relationships between food systems and Indigenous people. The course will provide background to allow students to craft their own solutions to food system issues faced by Indigenous people. Faculty/School Agricultural and Food Sciences, Department General Agriculture	https://news.umanitoba.ca/new-course-ponders-indigenous-issues-in-food-systems/
INTERNSHIP					
6	Internship - Indigenous Business (i.e., Myera)	3	100	This internship will engage people in the business and work aspects of Indigenous Business (i.e., Myera Facility). For example, Myera targets nutrition through sustainable and intelligent food production systems for a more vibrant and healthy society. Myera Inc. has developed a suite of innovative technologies, tools and practices to provide solutions for local communities' health and nutritional needs.	https://myeragroup.ca/
7	Internship - Indigenous farm, food or land centre	3	500	This internship will provide supervised workplace training to Brokenhead Ojibway Nation with their Canadian Agricultural Producers program on Wild Rice and Strategic Agriculture Plan. This program will be hands-on working with wild rice including planting, monitoring and harvesting, as well as permaculture designs considering wild rice, vegetables and fruit to provide both short and long-term healthy food sources for community food security and economic development .	https://www.brokenheadojibwaynation.ca/call-out-for-bon-agriculture-project/
CAPACITY BUILDING					
8	Safety and Health	2	20	This course provide students with the knowledge and skills required to always keep a workplace safe for themselves and their co-workers	http://ecohealthcircle.com/wp-content/uploads/2020/10/Safety-and-Health-Personal-Dev_Jide_ed-Jun-22-20.pdf
PERSONAL DEVELOPMENT (optional or as required for these courses)					
9	Essential Skills	6	60	This course provides effective communication skills and introduce participants to key terms and concepts for ethics and communication, along with how to apply this knowledge to real-world experience. Participants will consider how ethics and communication has changed over time, along with how to integrate both Indigenous and Western styles of communication and ethics.	http://ecohealthcircle.com/wp-content/uploads/2020/08/Curriculum-Development-Essential-Skills_Rez-ed-Jul-09-20.pdf
10.1	Personal Development: Goal Setting	3	40	The participants will learn about strategies to improve their self esteem and to set goals for positive life choices. This course provides an analysis of the history of First Nations, which can be so damaging if not considered through an anti-colonial lens. In this historical context we discuss the characteristics of addictive behaviour and the information on addictions and characteristics. This information will give participants information to have more control over their lives.	http://ecohealthcircle.com/wp-content/uploads/2020/10/Goal-Setting-Unit_Trea.pdf
10.2	Personal Development: Lateral Kindness and conflict resolution	3	40	This course will explore conflict resolution focusing specifically on the participants personal and professional life. This course will further encourage the development of effective strategies to manage conflict and to also become self-aware in how to effectively respond to potential conflict situations with lateral kindness. This course will provide further insight into how oppressed people become oppressors at the individual, family and community level. This course will address why and how anger can happen, triggers and how anger influences perception. The focus on lateral kindness will show how Indigenous cultures are resilient and have the solutions	http://ecohealthcircle.com/wp-content/uploads/2020/10/Lateral-Kindness-and-Conflict-Resolution-Unit-Plan_trea.pdf

10.3	Personal Development: Communication and Ethics	3	40	This course will build on English literacy by connecting English to the process of communication, as well as personal and professional ethics related to the work force within the community and outside their community. Participants are introduced to the concept of communication and understand the process of communication.	Plan: http://ecohealthcircle.com/wp-content/uploads/2020/08/Communication-and-Ethics-Unit-Plan_Trea.pdf Activities: http://ecohealthcircle.com/wp-content/uploads/2020/08/Communication-and-Ethics-Unit-Plan-Activities_Trea.pdf
10.4	Personal Development: Resume Building	3	40	This course introduces participants to acquire the skills to investigate the world of work concerning knowledge of self and to make informed career/college decisions. The participants must continue to think about items to include on their resume and how to continue to build their resumes. By the end of the module, Participants will have completed: A.) An outline for a professional resume; or B.) A revised professional resume. C.) A cover letter, D.) and a reference page.	Resume Building: http://ecohealthcircle.com/wp-content/uploads/2020/08/Resume-Building.pdf Weekly Plan of Activities: http://ecohealthcircle.com/wp-content/uploads/2020/08/Resume-Building-Unit-Plan-Week-5-Activities-FInal_Trea.pdf
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