

OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: IPK 477		Number of Credits: 4 Course credit policy (105)																	
Course Full Title: Traditional Ecological Knowledges Course Short Title (if title exceeds 30 characters):																			
Faculty: Faculty of Social Sciences		Department (or program if no department): Indigenous Studies																	
Calendar Description: <p>This course explores Indigenous approaches to botany, zoology, and ecology. Possible topics include classification, traditional ecological knowledge, harvesting, natural resource management, animal care, and relationships to other aspects of Indigenous life, culture, and land claims. Emphasis is on traditional Northwest Coast knowledge.</p> <p>Note: This course includes class field trips.</p> <p>Note: This course is offered as IPK 477 and BIO 477. Students may take only one of these for credit.</p>																			
Prerequisites (or NONE):		45 university-level credits including 6 credits of IPK or FNST. Biology students can contact the instructor for permission to register.																	
Corequisites (if applicable, or NONE):																			
Pre/corequisites (if applicable, or NONE):																			
Equivalent Courses (cannot be taken for additional credit) Former course code/number: Cross-listed with: BIO 477 Equivalent course(s): BIO 477 <i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>		Transfer Credit Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Transfer credit requested (OReg to submit to BCCAT): <input type="checkbox"/> Yes <input type="checkbox"/> No (if yes, fill in transfer credit form) Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No To find out how this course transfers, see bctransferguide.ca .																	
Total Hours: 60 Typical structure of instructional hours: <table border="1"> <tr> <td>Lecture hours</td> <td>15</td> </tr> <tr> <td>Seminars/tutorials/workshops</td> <td>30</td> </tr> <tr> <td>Laboratory hours</td> <td></td> </tr> <tr> <td>Field experience hours</td> <td>15</td> </tr> <tr> <td>Experiential (practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Online learning activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td>Total</td> <td>60</td> </tr> </table>		Lecture hours	15	Seminars/tutorials/workshops	30	Laboratory hours		Field experience hours	15	Experiential (practicum, internship, etc.)		Online learning activities		Other contact hours:		Total	60	Special Topics Will the course be offered with different topics? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, different lettered courses may be taken for credit: <input type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit <i>Note: The specific topic will be recorded when offered.</i>	
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Total	60																		
		Maximum enrolment (for information only): 28 Expected frequency of course offerings (every semester, annually, every other year, etc.): annually																	
Department / Program Head or Director: (Chair, PWG) Wenona Victor		Date approved: November 2016																	
Faculty Council approval		Date approved: December 9, 2016																	
Campus-Wide Consultation (CWC)		Date of posting: March 10, 2017																	
Dean/Associate VP: Jacqueline Nolte		Date approved: December 9, 2016																	
Undergraduate Education Committee (UEC) approval		Date of meeting: March 24, 2017																	

Learning Outcomes

Upon successful completion of this course, students will be able to:

- Differentiate the nature, sources, and characteristics of traditional ecological knowledge
- Identify and describe specified plants and animals and the ecological relationship among them from an Indigenous perspective
- Interpret key differences between scientific and indigenous styles of knowing about the environment
- Illustrate the larger empirical and theoretical implications of using traditional ecological knowledge within natural resource management
- Compare and contrast Indigenous and scientific philosophies as related to the environment
- Explain the complex relationship between culture and biology in traditional ecological knowledge and natural resource management
- Describe issues around indigenous knowledge and intellectual property rights

Prior Learning Assessment and Recognition (PLAR)

☒ Yes ☐ No, PLAR cannot be awarded for this course because

Typical Instructional Methods (guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion)

Formal, non-formal, informal, and incidental learning methods will be used including: Discussions, guest speakers, field trips, student centred activities, readings, and lectures.

Grading system: Letter Grades: ☒ Credit/No Credit: ☐ Labs to be scheduled independent of lecture hours: Yes ☐ No ☒

NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.

Typical Text(s) and Resource Materials (if more space is required, download Supplemental Texts and Resource Materials form)

	Author (surname, initials)	Title (article, book, journal, etc.)	Current ed.	Publisher	Year
1.	Anderson, E.N., Deborah Pearsall, Eugene Hunn, and Nancy Turner	Ethnobotany		Wiley-Blackwell	2011
2.		Course pack to include a selection from: Angayuqaq Oscar Kawagley (). A Yupiaq Worldview: A Pathway to Ecology and Spirit, Second Edition.			
3.	Turner, N.J.	The Earths Blanket: Traditional Teaching for Sustainable Living		Douglas and McIntyre Ltd.	2005
4.	Pierotti Raymond	Indigenous Knowledge, Ecology, and Evolutionary Biology	Routledge		2010
5.	Menzies, Charles (Translator)	Traditional Ecological Knowledge and Natural Resource Management		University of Nebraska	2006
6.	Berkes Fikret	Sacred Ecology		Routledge	2008

Required Additional Supplies and Materials (software, hardware, tools, specialized clothing, etc.)**Typical Evaluation Methods and Weighting**

Final exam:	35%	Assignments:	%	Midterm exam:	30%	Practicum:	%
Quizzes/tests:	%	Lab Work:	%	Field experience:	%	Shop Work:	%
Project:	25%	Participation:	10%	Other:	%	Total:	100%

Details (if necessary):

Typical Course Content and Topics

Week 1	Introduction to traditional ecological knowledge
Week 2	Elder teachings and river walk at Blue Heron Reserve
Week 3	Lifestyles: Being out on the land and water
Week 4	Who has the knowledge and who can learn it
Weeks 5-9	Examples of traditional ecological knowledge (including fieldtrips and guest lectures)
Week 10	Indigenous methodologies, epistemology, classification, and ontology
Week 11	Traditional technologies, ceremonies and sacredness
Week 12-13	Indigenous peoples and natural resource management