# EBS 568/668 Connecting Knowledge

## Linking Indigenous and Modern Science

### Course Description

In this course we will explore the need and means as well as the cautions for connection between Indigenous and Modern Science. We will attempt to open our thoughts to different ways of knowing. Indigenous Research Protocols and Tribal Consultation Protocols will be discussed. Students will spend time with an Indigenous Knowledge Keeper and discuss Indigenous Gatherings and knowledge interpretation.

### Credit hours

| 1.0 |

### Prerequisites or Concurrent Enrollment Requirements

| NA |

### Term, Year, and Campus

| Summer, 2015, Marquam Hill  August 31-September 4, 2015  BICC 124 1:30-4:00PM Monday through Thursday (Friday time; place TBD) |

### Faculty Information

<p>| Name: <strong>Jon Waterhouse</strong>, Indigenous Scholar  E-mail: <a href="mailto:waterhoj@ohsu.edu">waterhoj@ohsu.edu</a>  Phone: 503-346-1217  Address and Office Number: BICC  Office Hours: TBD |
| Name: <strong>Antonio Baptista</strong>  E-mail: <a href="mailto:baptista@ohsu.edu">baptista@ohsu.edu</a>  Phone: 503-346-3418  Address and Office Number: HRC-3, Room 311  Office Hours: TBD |
| Name: <strong>Nievita Bueno Watts</strong>  E-mail: <a href="mailto:buenowat@ohsu.edu">buenowat@ohsu.edu</a>  Phone: 503-346-3410  Address and Office Number: HRC-3, Room 359 |</p>
<table>
<thead>
<tr>
<th>General Course Meeting Day and Time</th>
<th>Monday-Friday (Friday will be a late afternoon/evening class)</th>
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<tr>
<td>Course Objectives, Competencies, or Outcomes</td>
<td>The objective of this course is to:</td>
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| Required Texts or Readings | *The Wayfinders: Why Ancient Wisdom Matters in the Modern World*, Wade Davis  
Available from:  
Powell’s City of Books, from $10.95  
http://www.powells.com/s?kw=the+wayfinders+wade+davis&class=  
Amazon, from $6.05  
AND  
*Asserting Native Resilience: Pacific Rim Indigenous Nations face the Climate Crisis*, Zoltan Grossman and Alan Parker  
Available from:  
Oregon State University Press, $24.95  
http://osupress.oregonstate.edu/book/asserting-native-resilience  
or  
Amazon, $15.66 - $17.63  
http://www.amazon.com/Asserting-Native-Resilience-Pacific-Indigenous/dp/0870716638/ref=sr_1_1?ie=UTF8&qid=1427828821&sr=1-1&keywords=asserting+Native+resilience |
| Supplemental Readings or Reference Materials | Mark Plotkin TED Talk – What the People of the Amazon Know That You Don’t.  
http://www.ted.com/talks/mark_plotkin_what_the_people_of_the_amazon_know_that_you_don_t  
Indian Country Today http://indiancountrytodaymedianetwork.com/ |
| Attendance Requirements | All scheduled class times |
| Grading Criteria, Academic Standards, & Release of Final Grades | Final course grades will be posted with the OHSU Registrar.  
OHSU’s grading system for official grade reports includes: 4.0 = Exceptional, 3.0 = Superior, 2.0 = Average, 0.0 = Failure |
| Graduation | Reflections 15%, 500+ word paper 25%, Class Participation: 20%  
Final Project: 40%  
100% class attendance is expected. Final project will be due on last day of class.  
***Final project: 1500+ words on the importance of combining Indigenous and modern science. Indigenous Knowledge integration with modern science, “what are your perceptions?”  
***EBS 668 Doctoral students must apply their perceptions of how to integrate Modern Science and Indigenous Science to their own work as a scientist. *** |
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<tr>
<td>Copyright Information</td>
<td>Every reasonable effort has been made to protect the copyright requirements of materials used in this course. Class participants are warned not to copy, audio, or videotape in violation of copyright laws. Journal articles will be kept on reserve at the library or online for student access. Copyright law does allow for making one personal copy of each article from the original article. This limit also applies to electronic sources.</td>
</tr>
<tr>
<td>Syllabus Changes and Retention</td>
<td>This syllabus is not to be considered a contract between the student and Graduate Studies. It is recognized that changes may be made as the need arises. Students are responsible for keeping a copy of the course syllabus for their records.</td>
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</table>
| Accommodations | Our program is committed to all students achieving their potential. If you have a disability or think you may have a disability (physical, learning, hearing, vision, psychological) which may need a reasonable accommodation, please contact Student Access at 503-494-0082 to discuss your needs. Because accommodations can take time to implement, it is important to have this discussion as soon as possible. All information regarding a student’s disability is kept in accordance with relevant state and federal laws.  
You may also visit http://www.ohsu.edu/academic/acad/osahome.html to identify your Program Accommodation Liaison (PAL). Click Access Services. |
## COURSE OUTLINE

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<tr>
<th>Day</th>
<th>Topic</th>
<th>Reading*</th>
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| 1   | Introduction to nexus of Indigenous and Modern Science  
Speaker: Wiley G. Barnett  
Home work: One page paper on reflections of previous day and a one page paper on the assigned Great Leader series for class discussion the following day. Great Tribal Leaders of Modern Times series:  
[https://nnidatabase.org/content/great-tribal-leaders-modern-times](https://nnidatabase.org/content/great-tribal-leaders-modern-times)  
and  
| 2   | Exploring some of the ways of knowing globally and Indigenous Research Protocols. Understanding different knowledge systems. Understanding the need for Indigenous Research Protocols and Tribal Consultation Protocols, reviewing both good and bad examples.  
Homework: One page paper on reflections of previous day and a one page paper on the assigned Great Leader series for class discussion the following day. Great Tribal Leaders of Modern Times series:  
[https://nnidatabase.org/content/great-tribal-leaders-modern-times](https://nnidatabase.org/content/great-tribal-leaders-modern-times)  
and  
[http://www.ted.com/talks/wade_davis_on_endangered_cultures](http://www.ted.com/talks/wade_davis_on_endangered_cultures) |  |
| 3   | Active class participation on Indigenous Knowledge. The class will be spent with an Indigenous Knowledge Keeper.  
Homework: Write 1000+ words on “what was heard” during the day 3 class for class discussion the following day.  
and  
[http://www.ted.com/talks/mark_plotkin_what_the_people_of_the_amazon_know_that_you_don_t](http://www.ted.com/talks/mark_plotkin_what_the_people_of_the_amazon_know_that_you_don_t) |  |
| 4   | Active class participation on Indigenous Knowledge. Integration of knowledge gained on day 3. Class discussion on what the student learned “what was heard” personally on day 3 and how that can be integrated into scientific research.  
Homework: Final Project – 1500+ word paper on Indigenous Knowledge integration with modern science, “what are your perceptions?” |  |
| 5   | Afternoon/early Evening class on Indigenous Gatherings and interpretation. Paper on reflections of previous day and final project due. (Field Trip) |  |