



INDIGENOUS ENVIRONMENTAL STUDIES

Trent University

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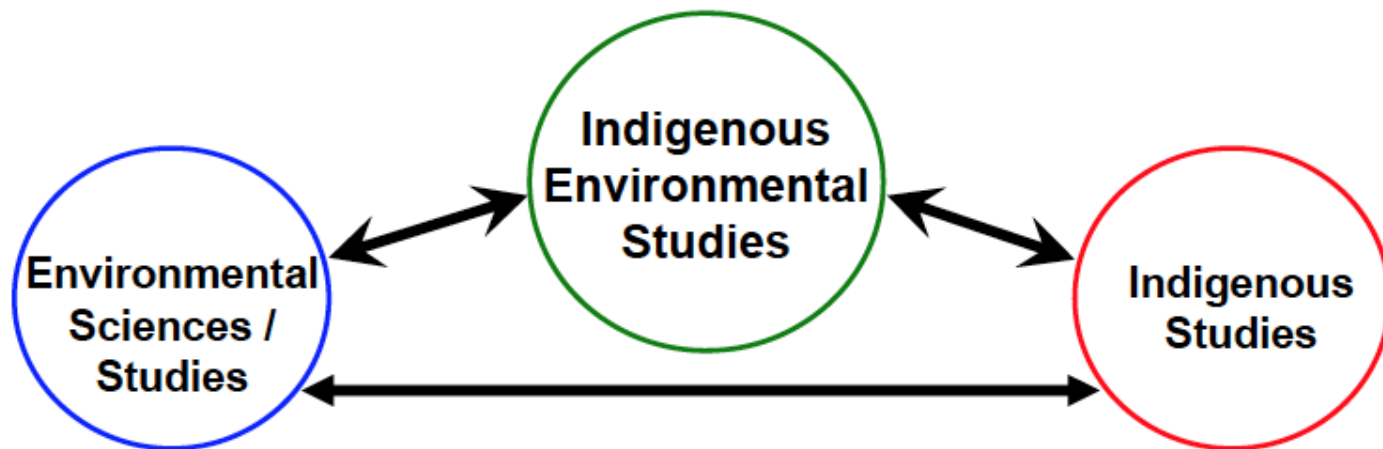
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<http://www.trentu.ca/ies/>

TRENT
UNIVERSITY

Indigenous Environmental Studies

- *Innovative and multidisciplinary* program at Trent University
- Brings together *principles of Indigenous knowledge & western science*
- Integrating these approaches provides students with the necessary knowledge, skills and critical thinking abilities to begin to address the complex environmental problems facing both Indigenous and non-Indigenous communities around the world today
- Recognizes both the *strengths & limitations* of any single perspective
- Seeks to *develop complex thinking* to address environmental, health, socio-cultural and sustainability issues



Bachelor of Arts or Bachelor of Science in Indigenous Environmental Studies



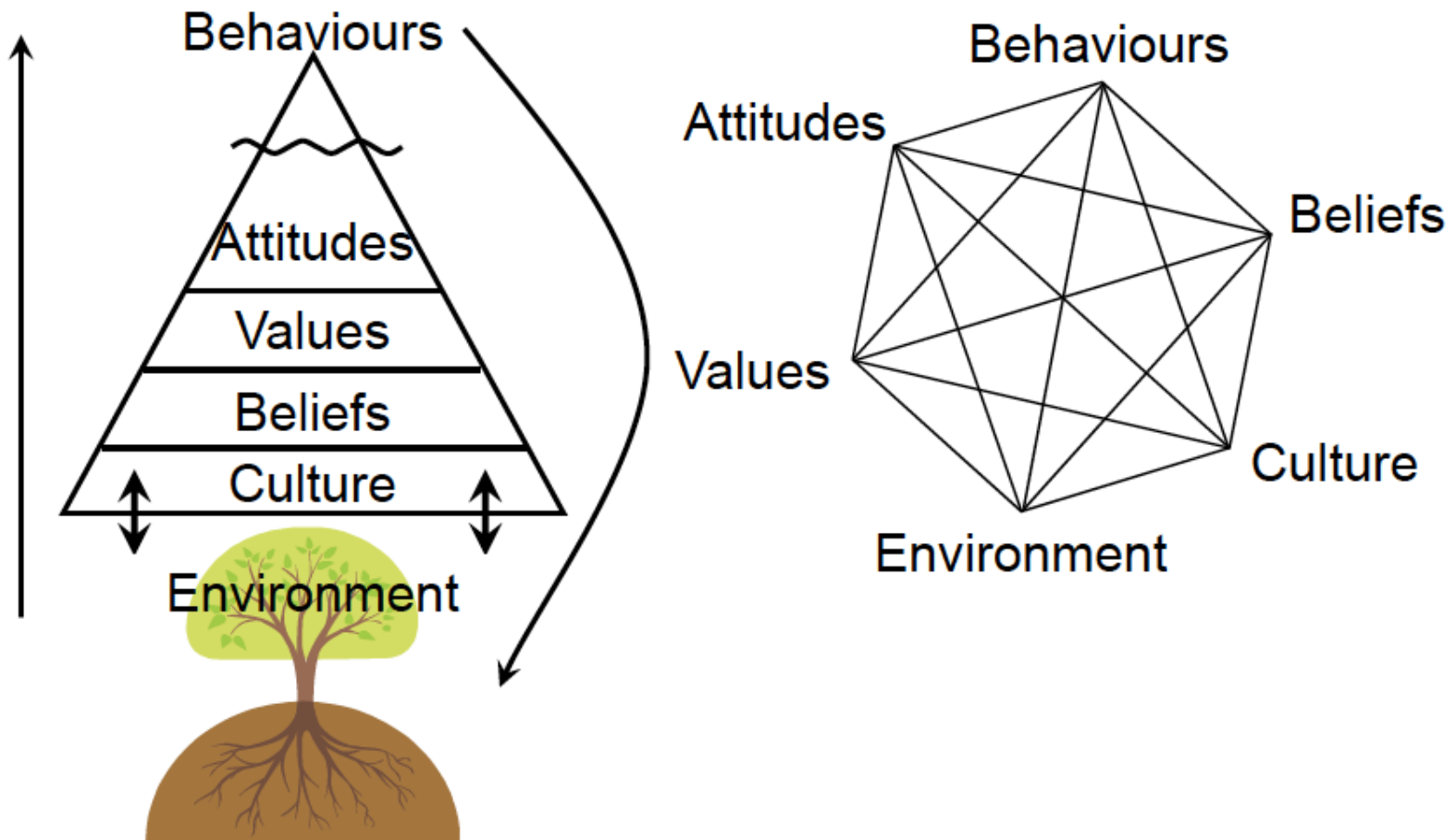
- 4 Year Honours Degree
- 3 Year General Degree



Diploma or Specialization in Indigenous Environmental Studies



Indigenous Environmental Studies



Professional Transformation

“We can't solve problems by using the same kind of thinking we used when we created them.”

- Albert Einstein

- Limits of 2-d thinking = digital & dominator

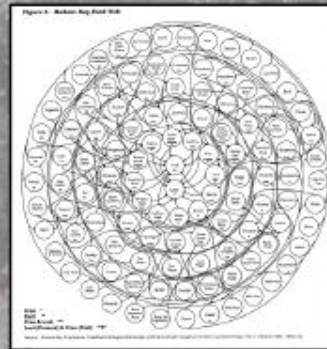
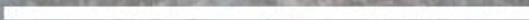
From Data to Wisdom

Data

Information

Knowledge

Wisdom



outside

outside

inside

inside

Only the Strong Will Survive?

Darwin's "survival of the fittest" was misinterpreted.

He actually said that those with the "most adaptive" skills have the best chance of survival. *(Hina Pendle)*

In order to ensure human survival, we need to teach resilience.

Today's Lesson

Old Thinking + Old Technology =
Environmental Degradation

Old Thinking + New Technology =
Exponential Environmental Degradation

New Thinking (Ancient) + New Technology =
Environmental Restoration

New Thinking + Appropriate Technology =
Exponential Environmental Restoration

Directions for the Future

