

			Indicators of Achievement
1. Depth and breadth of knowledge in the field of Sustainability	<p>This degree is awarded to students who demonstrate a thorough understanding of knowledge of sustainability, which will support the student's future academic activities or</p> <p>include techniques, tools, perspectives, concepts and/or theories from two or more disciplines and the ability to integrate this knowledge to advance the understanding of an environmental issue. Students will also demonstrate a critical awareness of the current issues in the area of sustainability.</p>	<p>ENSC 801 ENSC 802 ENSC 897</p> <p>Successful performance in both parts of the comprehensive exam, courses and finally PhD oral defense.</p> <p>Successful feedback from seminar presentations and committee meetings.</p>	<p>Positive feedback from supervisor and advisory committee on progress.</p> <p>Demonstrated depth of knowledge in sustainability as evidenced by a defensible well written thesis and ability to field questions related to environmental sustainability.</p>

<p>2. Research and scholarship in Sustainability</p>	<p>This degree is awarded to students who are able to: conceptualize, design, and implement research for the generation of new knowledge, applications, or understanding of sustainability. The unique aspect of this program is that the thesis research must encompass two or more disciplines (i.e. toxicology and sociology; geography and philosophy; geology, biology and chemistry; planning and epidemiology). Students graduating from this program will recognize and appreciate the value of combining research in different disciplines to address problems related to environmental sustainability.</p>	<p>ENSC 801 ENSC 802 ENSC 897</p> <p>Successful performance in the research proposal part of the comprehensive exam.</p> <p>Successful feedback from seminar presentations and thesis advisory meetings.</p> <p>Thesis research</p>	<p>It is expected that students will have the ability to conceptualize, design, and implement research for the generation of new knowledge, applications, or understanding at the forefront of the sustainability, and to adjust their research design or methodology in the light of unforeseen problems. It is expected that the dissertation research in sustainability will lead to original research, or other advanced scholarship, which merit publication. Positive feedback from supervisor and advisory committee on progress.</p> <p>Successful performance in comprehensive exam, courses and finally PhD oral defense.</p>
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3. Application of
knowledge and
contribution to

5. Autonomy and professional capacity	This degree is awarded to students who consistently demonstrate responsibility, integrity and intellectual independence.	ENSC 801 ENSC 802 ENSC 897 Thesis Research	Demonstration of ethical behavior consistent with academic integrity.
6. Appreciation of the limitations of their research in Sustainability	This degree is awarded to students who demonstrate the understanding of the limitations of their research methods, current literature and interpretation of results. This will occur through the student's understanding of the assumptions upon which their research is based and accepting that there are always different ways of understanding based on the perspectives we bring to research. A clear example of this issue involves research in Canada's north (an area of increasing interest among our faculty). Graduates will understand that their research, if based on western science, may be viewed by First Nation and aboriginal groups with skepticism, as these communities rely on a different knowledge system based on oral and traditional knowledge.	ENSC 801 ENSC 802 ENSC 897 Comprehensive examination Research Day presentations ENSC seminar presentation Thesis and oral defense	Reasoned response to questioning during presentations, comprehensive and PhD oral examinations that demonstrate a knowledge and understanding of research limitations and of the potential contributions of other interpretations, methods, and disciplines.