

**Interested in Supervising a Project Involving Energy and Environment?  
For a Master's Student? Read More.....**

**A One of a Kind Interdisciplinary Approach to Sustainable Energy Development**

The University of Calgary's Master of Science in Sustainable Energy Development (SEDV) is a course-based interdisciplinary graduate program providing a balanced education related to energy and environmental management. A combined offering through the Haskayne School of Business, Schulich School of Engineering and the Faculties of Graduate Studies, Law and Environmental Design, SEDV is an unprecedented program designed for professionals and students who are seeking a broad-based and comprehensive education in sustainable energy development.

As part of the SEDV curriculum, the students complete a research project that integrates and applies the concepts from their individual courses to a practical industry situation. The project can be undertaken individually or by a group of 2-3 students. During the first few months of the course, they develop a proposal that is interdisciplinary, reflecting a minimum of three areas of study, with energy and the environment as the two anchors. The project begins with the students preparing the proposal with the course instructor and then working with their supervisors in refining the proposal for submission to the approving Committee. Once approved, the student completes the project primarily during April-July, working approximately 20-25 hours a week. Final sign-off comes near the middle of September.

The final report must be prepared in a scholarly manner, logically written, well documented, and professionally presented. The supervisor's responsibility is to guide and provide feedback, as needed, reviewing chapters as completed or near the end of the project. It generally takes three or four reviews to get the final project into acceptable shape for the supervisor to sign-off. The final outcome is not a master's thesis but it is a reflection of the student's ability to make well-researched decisions in a world in which energy and the environment have become crucial component to our quality of life. Many of the students partner with organizations to complete hands-on applications which are informed by theory.

You can play a role in helping our graduates leave equipped to effectively manage sustainable energy projects and operations, while minimizing impact on the environment and maximizing the socio-economic benefits to society. As well, you have an amazing opportunity to learn more about energy and the environment. If are interested in supervising a student project, please provide a short paragraph describing your area of expertise and send to Dr. Irene M. Herremans, instructor for the project course. E-mail: [herreman@ucalgary.ca](mailto:herreman@ucalgary.ca) Phone: 403-220-8320. The current cohort of SEDV students will be defining their projects soon and looking for knowledgeable supervisors. Below is a testimonial from an organization that recently participated in our project program.

*"The Mitacs Accelerate<sup>1</sup> program provided a great opportunity for TransCanada to garner an outside perspective on some of the sustainability challenges that we are facing as an energy infrastructure company. Using her research expertise and survey skills, our intern was able to provide constructive observations and recommendations that we plan to implement and include as part of our strategy. We are very happy that we had the opportunity to be part of this worthwhile partnership and we certainly have seen the benefit as an organization."*

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<sup>1</sup> Some organizations choose to help students fund their projects through the Mitacs program; however, this is not required. Find out more about Mitacs at <https://www.mitacs.ca/en/programs/accelerate>