

## **Diploma in Green Technologies**

### **PRGR 699E/B/W Project (2 cr.)**

#### **Course Description:**

The project enables students to apply and synthesize the material learned in other courses, develop expertise on a specific topic related to the student concentration; work closely with experts in the field of study; and advance professional recommendations and solutions for implementation of green technologies in systems or policies. In the semester prior to conducting the project, students must identify a project topic and faculty advisor who is both familiar with the chosen topic and willing to guide and oversee the project. The student can also have a co-advisor from the student's place of work or any expert with appropriate credentials.

Project topics can be faculty or student initiated. Faculty can post project topics for students to select from or receive project proposals from students. The project work can be individual or group project as approved by project advisor and program coordinator.

Formal proposals must be submitted at least two weeks prior to the start of the semester in which the project is to be completed. The proposal must be approved by the program coordinator prior to enrollment in the course.

Pro-Green students working to complete the diploma need to complete a 2-credit project. The project takes place over the course of one-semester and requires many hours of individual/group work (normally 6-8 hours per week).

A faculty member can supervise no more than five projects in any one semester.

## **Goals & Objectives:**

At the completion of the project, students will gain a fundamental understanding of alternative green technologies in their area of concentration and will be able to:

- Develop a case study of renewable deployment,
- Integrate knowledge and use various streams of knowledge and skills acquired in various courses, and concentrations.
- Describe the business requirements and success; and/or
- Critique past and current policy and green codes

**Milestone I (Week 2):** Communicate with instructor to define project topic.

**Milestone II (Week 6):** Interim report

**Milestone III (Week 10):** Final report

**Milestone IV (Week 11):** Presentation

## **Grading**

Project Proposal           **10%**

Interim report:           **25%**

Final Report:           **35%**

Presentation:           **30%**