



Eco-Entrepreneurship AS Degree - 60 credits (Fall 2019)

*****REMEMBER TO REGISTER EARLY*****

Program Description

The Eco-Entrepreneurship Program integrates environmental sustainability (science), field learning and experiences (applied science), and entrepreneurship (business) within an interdisciplinary focus. Place-based approaches to building regional business opportunities will be used to meet the needs of the present without compromising the ability of future generations to meet their own needs. The Eco-Entrepreneurship Program pursues these goals through the integration of teaching, demonstration, and the development of science-based knowledge, and experiences with new production techniques and markets. Eco-Entrepreneurship creates a broad array of opportunities to provide sustainable goods and services including, but not limited to local food production and utilization of sustainable energy systems. As an Associate of Science degree that completes the Minnesota Transfer Curriculum, students will gain knowledge and skills that they may apply directly to business development, management, and operation or use in transfer to a Baccalaureate degree.

Program Outcomes

- Students will acquire the science-based knowledge necessary to understand our most pressing environmental problems, their most promising solutions and the business opportunities they present
- Students will apply this knowledge towards the development of business ventures aimed at solving our local environmental issues
- Students will develop the skills necessary to launch a successful eco-entrepreneurial business venture or become an effective employee in an existing operation

Required Courses

Number	Name	Credits	Term
ENGL 1106	College Composition I	3	
ENGL 1109	College Composition II	3	
COMM 1115	Intercultural Communication	3	
ENSC 1310	Issues in Global Ecology	3	
ENSC 1200	Introduction to Environmental Science	4	
BIOL 1120 or PHYS 1001	General Biology (Applied Track 1) or Fundamental Concepts of Physics (Applied Track 2)	4	
MATH 2210	General Statistics	3	
ECON 1160	Microeconomics	3	
ECON 2030	Economics of Sustainability	3	
Goal Area 5	History, Social and Behavioral Sciences – one course	3	
Goal Area 6	Humanities and Fine Arts	9	
BUS 1410	Intro to Business & Entrepreneurship	3	
ENSC 1320	Eco-Entrepreneurship Case Studies	2	
ENSC 2090	Eco-Entrepreneurship Internship	2	
ENSC 2100	Eco-Entrepreneurship Capstone	3	
*Applied Track 1			
ENSC 1210	Sustainable Food Systems	3	
ENSC 2030	Regenerative Agricultural Methods	3	
ENSC 2040	Controlled Environment Agriculture	3	
*Applied Track 2			
ENSC 1212	Energy Concepts and Applications	(3)	
ELTN 1530	Renewable Energy Systems	(3)	
ENSC 2042	Energy System Design	(3)	

Total Credits **60**

**Students select applied track 1 or track 2*

*****REMEMBER TO REGISTER EARLY*****

-
- Students will develop the general knowledge and skills necessary for transfer into a related Baccalaureate degree program
 - Students will communicate effectively with employees, investors, customers, and other professionals

Program Articulations

This program has excellent articulation agreements in place with various colleges and universities that allow the student to transfer most (if not all) of their credits earned in the Eco-Entrepreneurship program, should the graduate decide to pursue a bachelor's degree in business administration. Current articulations include:

- Metropolitan State University, Individualized Studies, B.A.

Pre-program Requirements

To begin your career in Eco-Entrepreneurship, you need to be at college level reading.

English/Reading:

- A score of 78 or higher on the reading comprehension portion of the Accuplacer, or
- Completion of ENGL/READ 0950 or 0955 (or equivalent course or higher).

For interpretation of test results and selection of appropriate coursework;
or general information about the program, admissions, financial aid, and getting started at LSC,
contact the [professional advising team](mailto:pat@lsc.edu) (pat@lsc.edu) or 218-733-7601

For specific information about the Eco-Entrepreneurship AS Degree including course descriptions, course prerequisites, and potential career opportunities,
see [program website](https://www.lsc.edu/transfer-degrees/) (https://www.lsc.edu/transfer-degrees/)

OR

Contact Faculty Advisors:

[Michael Mageau](mailto:michael.mageau@lsc.edu) (michael.mageau@lsc.edu) 218-733-6993

[Randel Hanson](mailto:randel.hanson@lsc.edu) (randel.hanson@lsc.edu) or 218-733-6992