



Certificate

Biofuels (29 hours minimum)

This certificate provides students with the skills required to work in the biofuels industry or create their own biofuels business. The program emphasizes non-food source feedstocks such as algae and native plants. Graduates will be prepared for jobs as plant technicians, plant managers, laboratory technicians, sales managers, public relations and outreach, process coordinators, and/or business owners/managers.

Requirements (29 hours)

ALTF 111	Intro. to Alternative Fuels and Vehicle Technologies	(3)
ALTF 121	Biofuels I	(4)
ALTF 221	Biofuels II	(4)
CHEM 111	Introduction to Chemistry	(3)
CHEM 111L	Introduction to Chemistry Lab	(1)
BIOL 111	Introduction to Biology	(3)
BIOL 111L	Introduction to Biology Lab	(1)
BSAD 119	Entrepreneurship - Planning and Introduction	(3)
ENVR 112	Introduction to Sustainable Energy Technologies	(3)
ENVR 114	Electrical and Mechanical Fundamentals	(4)

Program Sequence			
Semester	Course No.	Course Title	Credit Hours
FALL	ALTF 111	Introduction to Alternative Fuels and Vehicle Technologies	3
	ALTF 121	Biofuels I	4
	BIOL 111	Introduction to Biology	3
	BIOL 111L	Introduction to Biology Lab	1
	ENVR 112	Introduction to Sustainable Energy Technologies	3
	Total Credits 1st Semester		
SPRING	ALTF 221	Biofuels II	4
	BSAD 119	Entrepreneurship - Planning and Introduction	3
	CHEM 111	Introduction to Chemistry	3
	CHEM 111L	Introduction to Chemistry Lab	1
	ENVR 114	Electrical and Mechanical Fundamentals	4
	Total Credits 2nd Semester		