

BIOENERGY PRODUCTION



Certificate

21 Semester hours

Career & Technical Education • Minimum 2.0 OGPA • Major Code: CBEP

Fall Semester		Credit Hrs
ENGY 111	Introduction to Biofuels	3
ENGY 113	Plant Maintenance	3
ENGY 131 or ENGY 151	Biodiesel Production Ethanol Production	3
IT 119*	Basic Software Applications	3
Total Hours		12

Spring Semester		Credit Hrs
ENGY 211	Biofuels System Technology	3
MATH 151* or MATH 128* or MATH 144*	Occupational Math College Algebra Heart of Math	4
Take two of the following three courses: ENGY 115 ENGY 213 ENGY 270	Agricultural Wastes to Biofuels Algae Feedstocks Biofuel Energy Internship	2
Total Hours		9

*Online or traditional classroom options available

NOTE: If students do not have a current OSHA 10 hr. Certification, it is suggested that they obtain this certification for employment purposes.

Occupational information about this program is available at O*NET online www.onetonline.org. Once at that website enter the SOC Code that is listed for this program.

O*NET – SOC Code:

11-3051.03

17-3029.00

27-1021.00

This is a Gainful Employment Certificate Program that prepares the student for gainful employment in a recognized occupation. Information regarding program length, cost, average loan debt and completion rates for this program is available at http://www.sic.edu/ge_bioenergy_production. You may also access Gainful Employment information from the SIC home page by selecting “Your Right to Know” from the footer of the page, and then selecting the Gainful Employment Programs option.

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BUILDING ILLINOIS'
BIOECONOMY CONSORTIUM

Learn more about our Biofuels programs at www.sic.edu/biofuels.

Career Opportunities:

Employment in a Biofuel Facility, Operator, Instrumentation Technician, Maintenance Technician.

Major Employers:

Ethanol Companies, Biodiesel Companies, Biofuels Companies, Ethanol Plants, Renewable Fuels Companies, Government Agencies

06/17