

BACHELOR DEGREE IN INTEGRATED ENERGY MANAGEMENT @CWU

INTEGRATED ENERGY BUSINESS SPECIALIZATION

Integrated Energy Business specializes in training students in the areas of marketing, supply chain logistics, and economics as it relate to energy production distribution and consumption.

Integrated Energy Management Foundational Courses– 28 Credit Hours Credits

ECON 201 Principles of Economics Micro	5
GEOG 250 – Resource Exploitation and Conservation	4
GEOG 107 – Our Dynamic Earth	5
GEOG 203 - Introduction to Maps and Cartography	4

Course Description Credits

Select one from the following:

ECON 130 - Foundations for Business Analytics	5
MATH 130 - Finite Mathematics	5

AND

Select one from the following:

MATH 153 - Pre-calculus Mathematics I	5
MATH 154 - Pre-calculus Mathematics II	5
MATH 170 - Intuitive Calculus	5
MATH 172 - Calculus I	5

Integrated Energy Management Core Courses– 38-39 Credit Hours

	<u>Credits</u>
ECON 463 - Energy Economics	5
GEOG 440 – Ecology and Culture	4
ENST 310 - Energy and Society	5
GEOG 303 - Introductory GIS	5
IEM 301- Energy Management	5
GEOG 442 - Alternative Energy Resources and Technologies	5

Choose one methods and one communication course

- Methods (select one from the following list of courses)

	<u>Credit</u>
BUS 221 - Introductory Business Statistics	5
MATH 311 - Statistical Concepts and Methods	5
PSY 362 - Introductory Statistics	5

AND

- Communications (select one from the following list of courses)

	<u>Credit</u>
ADMG 385 - Business Communications and Report Writing	5
COM 345 - Business and Professional Speaking	4
ENG 310 - Technical Writing	4

Turn this page over to view required and elective classes for the Business Specialization →

BACHELOR DEGREE IN INTEGRATED ENERGY MANAGEMENT @CWU

	<u>Credits</u>
Energy Business Specialization <u>Required</u> Courses	20
ACCT 301 - Financial Accounting Analysis	5
MGT 380 - Principles of Management	5
MKT 360 - Essential Marketing Concepts	5
SCM 310 - Supply Chain Management	5
Energy Business Specialization <u>Electives</u>	15
Select 15 credits from the following OR, with approval, IEM 290 and IEM 490:	
<i>Choose two of the following:</i>	
ECON 310 - International Economics	5
ECON 330 - Money and Banking	5
ECON 352 - Managerial Economics	5
ECON 355 - Labor Economics	5
SCM 420 - Lean/Six Sigma Processes	5
SCM 425 - Procurement and Supply Management	5
SCM 435 - Advanced Topics in Operations and Supply Chain Management	5
SCM 475 - Global Supply Chain Management	5
<i>Choose one of the following</i>	
MGT 477 - Global Leadership and Culture	5
MKT 364 - Marketing Promotion Management	5
MKT 365 - International Marketing	5
OR	
IEM 290 - Cooperative Education	1 – 10
IEM 490 - Cooperative Education	1 – 12
TOTAL CREDITS	96-97



A BACHELORS DEGREE PROGRAM DEVELOPED BY COMPANIES FOCUSED ON UNDERSTANDING THE TRANSITION OF ENERGY LANDSCAPES, TRADITIONAL AND RENEWABLE, THROUGH AN INTERDISCIPLINARY LENS; AND ARMING STUDENTS WITH THE SKILL SET TO MEET THE DEMAND FOR QUALIFIED WORKERS SERVING THE BUSINESS AND MANAGEMENT SIDE OF PUBLIC AND PRIVATE ORGANIZATIONS IN THE ENERGY SECTOR

ACCEPTING PRE-MAJORS/MAJORS FOR FALL 2015