

BACHELOR DEGREE IN INTEGRATED ENERGY MANAGEMENT @CWU

INTEGRATED ENERGY BUSINESS SPECIALIZATION – AY 2016/17

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 301 – Introduction to GIS and Maps	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– 39-40 Credit Hours Credits

ECON 463 - Energy Economics	5
IEM 301- Energy Management	5
IEM 302 – Energy, Environment, & Climate Change	4
IEM 310 – Inquiry Science in Energy Management	5
IEM 330 – Geopolitics of Fossil Fuels	4
GEOG 442 - Alternative Energy	5
IEM 489 – Integrated Energy Management Capstone	2

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 ➔

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	<u>Credits</u>
Energy Business Specialization <u>Required</u> Courses	20
ACCT 301 - Financial Accounting Analysis	5
MGT 380 – Organizational Management	5
MKT 360 – Principles of Marketing	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 – Economics of Labor	5
SCM 420 - Lean/Six Sigma Processes	5
SCM 425 - Procurement and Supply Management	5
SCM 435 - Supply Chain Operations	5
SCM 475 - Global Trade and 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	102-103



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 2016