ENERGY BUSINESS AND FINANCE, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Requirements

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Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student’s major(s).

Code | Title                                                                 | Credits |
-----|----------------------------------------------------------------------|---------|
     | Prescribed Courses: Require a grade of C or better                    |         |
EBF 200 | Introduction to Energy and Earth Sciences Economics                  | 3       |
EBF 301 | Global Finance for the Earth, Energy, and Materials Industries        | 3       |
ECON 102 | Introductory Microeconomic Analysis and Policy                       | 3       |
EME 460 | Geo-resource Evaluation and Investment Analysis                      | 3       |
     | Additional Courses: Require a grade of C or better                   |         |
Select 3-4 credits from:                                          | 3-4     |
MATH 22 | College Algebra With Analytic Geometry and Applications II           |         |
MATH 110 | Techniques of Calculus I                                            |         |
MATH 140 | Calculus With Analytic Geometry I                                   |         |
Select 3-4 credits from:                                          | 3-4     |
EBF 472 | Quantitative Analysis in Earth Sciences                             |         |
STAT 200 | Elementary Statistics                                               |         |
STAT 401 | Experimental Methods                                                |         |
Select 3 credits of the following:                                | 3       |
EGEE 101 | Energy and the Environment                                         |         |
EGEE 102 | Energy Conservation for Environmental Protection                   |         |
EGEE 120 | Oil: International Evolution                                       |         |
     | Supporting Courses and Related Areas: Require a grade of C or better |         |
Select 6 credits from the approved list of EMS courses. Approved   | 6       |
courses are:                                                      |         |
EBF 401 | Strategic Corporate Finance for the Earth, Energy, and Materials     |         |
      | Industries                                                          |         |
EBF 402 | Energy Law and Contracts                                            |         |
EBF 473 | Risk Management in Energy Industries                                |         |
EBF 483 | Introduction to Electricity Markets                                 |         |
EBF 484 | Energy Economics                                                    |         |
EGEE 401 | Energy in a Changing World                                         |         |
EME 444 | Global Energy Enterprise                                           |         |
GEOG 424 | Geography of the Global Economy                                    |         |
GEOG 430 | Human Use of Environment                                           |         |
GEOG 431 | Geography of Water Resources                                       |         |
GEOG 432 | Energy Policy                                                       |         |
GEOG 444 | Resource Governance in Africa                                       |         |
GEOG 469 | Energy Industry Applications of GIS                                |         |
GEOSC 402Y | Natural Disasters                                                 |         |
GEOSC 454 | Geology of Oil and Gas                                             |         |
METEO 473 | Application of Computers to Meteorology                             |         |