

PhD MINERAL & ENERGY ECONOMICS
Advising Sheet 2017/2018

Student Name: _____ **Credit Hours** **Semester/Year**

Prerequisites

Principles of Microeconomics	3	
Calculus I	3	
Probability and Statistics	3	
	12	

Core and Extended Core Courses

EBGN 509 Mathematical Economics	3	Required F1
EBGN 510 Natural Resource Economics	3	Required F1
EBGN 521 Micro of Mineral and Energy Markets	3	Required S1
EBGN 590 Econometrics	3	Required S1
EBGN Econometric Elective**	3	F2/S2
Adv Economic Course	3	F1/S1
Adv Economic Course	3	F2/S2
EBGN 611 Adv Microeconomics	3	S1
	24	

** A second econometrics course is required (currently the available courses are EBG594 or CU-Boulder's Econometrics course).

Electives***

Choose 8 courses in consultation with your advisor. Some typical electives are listed below. You are free to mix across the lists, but your program of study must be approved by your advisor. Students should not assume that courses taken at Mines or other institutions will apply to their degree without consultation with their advisor. PhD students should be registering for EBGN 707:Research Credits each semester after they pass their qualifying exam. Before that, they should register for EBGN 599: Independent study

Choose 8 courses in consultation with your advisor. Some typical electives are listed below. You are free to mix across the lists, but your program of study must be approved by your advisor. Students should not assume that courses taken at Mines or other institutions will apply to their degree without consultation with their advisor. PhD students should be registering for EBGN 707:Research Credits each semester after they pass their qualifying exam. Before that, they should register for EBGN 599: Independent study	3	F1
	3	F1
	3	S1
	3	S1
	3	F2
	3	F2
	3	S2
	3	S2
	24	
	48	

TOTAL

Advanced Courses

EBGN535 Economics of Metal Industries and Markets	F	
EBGN570 Environmental Economics	S	
EBGN610 Advanced Resource Economics	S	
EBGN611 Advanced Microeconomics	S	
EBGN632 Primary Fuels	F	
EBGN645 Computational Economics	F	
EBGN575 Advanced Mining and Energy Valuation	S	

Complimentary Courses

Programming/Numerical Modelling

EBGN645 Computational Economics	
EBGN555 Linear Programming	
EBGN611 Advanced Microeconomics	
EBGN655 Advanced Linear Programming	

Statistical Analysis

EBGN594 Time-series Econometrics	
EBGN690 Advanced Econometrics	
EBGN 632 Primary Fuels	
EBGN535 Economics of Metal Industries and Markets	

Commodities

EBGN 632 Primary Fuels	
EBGN575 Advanced Mining and Energy Valuation	
EBGN610 Advanced Resource Economics	
EBGN535 Economics of Metal Industries and Markets	

Policy

EBGN570 Environmental Economics	
EBGN 542 Economic Development	
EBGN610 Advanced Resource Economics	

Finance

EBGN575 Advanced Mining and Energy Valuation	
EBGN504 Economic Eval. & Investment Decision Methods	
EBGN540 Accounting and Finance	
EBGN560 Decision Analysis	

Stochastic Modelling

EBGN575 Advanced Mining and Energy Valuation	
EBGN560 Decision Analysis	
EBGN 526 Stochastic Modelling	

Black List

Courses that will, generally, not be approved for the MEE degree because of overlap, or other curricular issues.

ETM:

EBGN 515

EBGN 564

EBGN 567

EBGN 574

Petroleum Department:

PEGN 523