

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	S2
	24	

** A second econometrics course is required (currently the available courses are EBG594 or EBG690).

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	3	F1
	3	F1
	3	S1
	3	S1
	3	F2
	3	F2
	3	S2
	3	S2
	24	

TOTAL

48

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

Advanced Courses

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

Complimentary Courses

Programming/Numerical Modelling

EBGN645 Computational Economics
 EBG555 Linear Programming
 EBG611 Advanced Microeconomics
 EBG655 Advanced Linear Programming

Statistical Analysis

EBGN594 Time-series Econometrics
 EBG690 Advanced Econometrics
 EBG 632 Primary Fuels
 EBG535 Economics of Metal Industries and Markets

Commodities

EBGN 632 Primary Fuels
 EBG575 Advanced Mining and Energy Valuation
 EBG610 Advanced Resource Economics
 EBG535 Economics of Metal Industries and Markets

Policy

EBGN570 Environmental Economics
 EBG 542 Economic Development
 EBG610 Advanced Resource Economics

Finance

EBGN575 Advanced Mining and Energy Valuation
 EBG504 Economic Eval. & Investment Decision Methods
 EBG540 Accounting and Finance
 EBG560 Decision Analysis

Stochastic Modelling

EBGN575 Advanced Mining and Energy Valuation
 EBG560 Decision Analysis
 EBG 526 Stochastic Modelling