

M.S. 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 Courses

EBGN 509 Mathematical Economics*	3	Required F1
EBGN 510 Natural Resource Economics	3	Required F1
EBGN 521 Microeconomics of Energy Markets	3	Required S1
EBGN 590 Econometrics	3	Required S1
EBGN Econometric Elective**	3	F2/S2
	15	

* EBGN 509 and EBGN 511 must be taken in the first semester of study as co-requisites.

** A second econometrics course is required (currently the available courses are EBGN594 or EBGN690).

Electives***

Choose 7 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. A minimum of two course must be Advanced Economics courses.

	3	S1
	3	F1/S1
	3	S1/F2
	3	F2
	3	F2/S2
Adv Econ	3	S1/S2
Adv Econ	3	S2

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

TOTAL

21
36

Advanced Courses

EBGN535 Economics of Metal Industries and Markets	F
EBGN570 Environmental 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

Policy

EBGN570 Environmental Economics
EBGN 542 Economic Development

Finance

EBGN575 Advanced Mining and Energy Valuation
EBGN504 Economic Eval. & Investment Decision Methods
EBGN540 Accounting and Finance
EBGN560 Decision Analysis
EBGN 568 Advanced Project Analysis

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
EBGN535 Economics of Metal Industries and Markets

Stochastic Modelling

EBGN575 Advanced Mining and Energy Valuation
EBGN560 Decision Analysis
EBGN 525 Business Analytics