### M.S. MINERAL & ENERGY ECONOMICS
### ADVISING SHEET
#### 2011/12

<table>
<thead>
<tr>
<th>Student Name:</th>
<th>Credit Hours</th>
<th>Semester/Year (note 2)</th>
<th>Notes</th>
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#### Prerequisites
- Principles of Microeconomics: 3
- Calculus I: 3
- Probability and Statistics: 3

(Not included in 36 credit hours below)

#### Core Courses
- EBGN509 Mathematical Economics: 3, F1
- EBGN510 Natural Resource Economics: 3, F1
- EBGN511 Microeconomics: 3, S1
- EBGN512 Macroeconomics: 3, S1
- EBGN525 Operations Research Methods: 3, F1
- EBGN590 Econometrics: 3, S1

**Total:** 18

#### Specialization
Choose 4 courses from E&PP (List A) and/or QBM/OR (List B).

The four courses do not all need to be from the same list, unless you want to complete one of the specializations.

**Total:** 12

#### Electives* (require advisor approval)
- 3 varies
- 3 varies

**Total:** 6

**TOTAL:** 36

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#### List A: Economics & Public Policy (E&PP)
- EBGN530 Energy Economics: F
- EBGN535 Economics of Metal Industries and Markets: varies
- EBGN541 International Trade: S
- EBGN542 Economic Development: varies
- EBGN570 Environmental Economics: S
- EBGN580 Exploration Economics: varies
- EBGN610 Advanced Natural Resources: varies
- EBGN611 Advanced Microeconomics: F
- EBGN690 Advanced Econometrics: S

#### List B: Quantitative Business Methods/Operations Research (QBM/OR)
- EBGN504 Economic Eval. & Investment Decision Methods: S
- EBGN505 Industrial Accounting: S
- EBGN528 Industrial Systems Simulation: F
- EBGN545 Corporate Finance and Administration: F
- EBGN546 Investments and Portfolio Management: F
- EBGN547 Financial Risk Management: S*
- EBGN552 Nonlinear Programming: S*
- EBGN555 Linear Programming: F
- EBGN556 Network Models: S*
- EBGN557 Integer Programming: S*
- EBGN559 Supply Chain Management: S
- EBGN560 Decision Analysis: F
- EBGN561 Stochastic Models in Management Science: S
- EBGN575 Advanced Mineral Asset Valuation: F
- EBGN650 Advanced Mathematical Programming: varies
- EBGN690 Advanced Econometrics: F

**Notes**
- Note 1: *Offered twice every three years.
- Note 2: Courses may be offered on a different schedule each year.
- Note 3: A maximum of 9 credits of 400-level course work may be used towards graduation requirements.