

Name _____

ID# _____

Term Admitted: _____

Eighteen units must be in the major earned in the ISE Department.

Twenty One units must be at 500 level or above.

Graduate courses used toward a degree completed elsewhere may not be applied toward a master's degree at USC. If courses were not used toward a completed degree, the maximum number of transfer credits that may be applied towards a 30 unit masters degree, subject to departmental approval, is four units.

MAJOR - REQUIRED COURSES – 12 Units

| Semester | Course | Prerequisite |
|----------|---|--------------|
| | ISE 500 – Engineering Management Decisions and Statistics (3, FaSp) | |
| | ISE 515 – Engineering Project Management (3, FaSpSm) | |
| | ISE 544 – Management of Engineering Teams (3, FaSpSm) | |
| | ISE 561 – Economic Analysis of Engineering Projects (3, FaSp) | ISE 500 |

Select one course from the following Groups – 3 unit

Group A:

| Semester | Course | Prerequisite |
|----------|--|--------------------|
| | ISE 530 – Optimization Methods for Analytics (3, FaSp) | |
| | ISE 536 – Linear Programming and Extensions (3, Fa) | MATH 225 or EE 441 |
| | ISE 562 – Value and Decision Theory (3, Fa) | |

Group B: - 3 unit

| Semester | Course – Business Content | |
|----------|---------------------------|--|
| | | |

Electives – 12 units, subject to approval by advisor

| Semester | Course | Prerequisite |
|----------|--------|--------------|
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***Master of Science in Engineering Management
Total 30 units***