



MSE Research Master's Course Plan of Study Form

Name _____ Date _____

Concentration _____ Term/Year Entered _____

MSE 690 Advisor: _____

Foundation Courses – 6 – 9 credits

MSE 532, MSE 535, MSE 550 (MSE 550 is mandatory for students without an undergrad degree in MSE).

Course #	# Credits	Term/Year
_____	_____	_____
_____	_____	_____
_____	_____	_____

Elective Courses – Max credits of 9

May count up to 2 non-MSE courses, one non-MSE course can be non-engineering but must be a professionally related course (e.g. Business, entrepreneurship, public policy, patent law, Techcom, Engineering education). May include 2 credits of MSE 890 Colloquium. *for any 593 special topics courses and any non-MSE courses, please include course topic, instructor and section#.

Course #	# Credits	Term/Year	Instructor*	Course Title*
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Specialized Courses – Minimum credits of 15, MSE 690 = 9 - 12 credits

Must take at least 2 MSE courses.

Course #	# Credits	Term/Year	Instructor*	Course Title*
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Total Credits should = 30 Total # Credits _____

Additional requirements for research masters:

- Course Selection Approval: must be approved by the Master's committee chair
- Thesis Requirement: Students must submit a Master's thesis to an examining committee of three faculty members, two of which must be from MSE. This committee will include the research advisor and two other faculty selected by the advisor in consultation with the student and approved by the Master's Committee Chair.
- The thesis must be defended orally before this committee and approved by a majority of the committee and the advisor.
- This thesis should contain a critical review of background information and relevant literature, a statement of objective, a results section, and a thorough scientific analysis of these results. It should have a degree of originality suitable for publication.