



# MS in Chemical Engineering with a Graduate Certificate in Engineering Leadership

**Total Semester Hours Required: 32**

Students pursuing the MS in Chemical Engineering with a Graduate Certificate in Engineering Leadership must complete 16 Semester Hours of Gordon Program coursework and 16 Semester Hours of required Chemical Engineering coursework. Please refer to the Chemical Engineering home page for the most up-to-date course requirements and other program information.

## **Plan of Study**

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Gordon Engineering Leadership Program (16 Semester Hours Total)

ENLR 5121	Engineering Leadership 1	2
ENLR 5122	Engineering Leadership 2	2
ENLR 5131	Scientific Principles of Engineering 1	2
ENLR 5132	Scientific Principles of Engineering 2	2
ENLR 7440	Engineering Leadership Challenge Project 1	4
ENLR 7442	Engineering Leadership Challenge Project 2	4

Chemical Engineering Coursework (16 Semester Hours Total)

Required core courses (12 Semester Hours)

CHME 7320	Chemical Engineering Mathematics	4
CHME 7340	Chemical Engineering Kinetics	4
CHME 7350	Transport Phenomena	4

Select one of the following courses in consultation with your academic advisor (4 Semester Hours)

CHME 7330	Chemical Engineering Thermodynamics	4
CHME 7235	Introduction to Statistical Thermodynamics	4

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