

Engineering Management Graduate Program

Master's Degree Requirements

REQUIREMENT:

COMPLETION DATE:

1) Complete the following **core** courses:

___/___/___

- EMGT 201 Engineering Project Management (3 CR)
- BASD 306 Fundamentals of Accounting (3 CR)

2) Complete **three** courses from approved list (minimum of six 200-300 level Engineering course credits)

___/___/___

- Course 1: _____
- Course 2: _____
- Course 3: _____

3) Complete at least **two** courses from the following:

___/___/___

- MATH 221 QR: Deterministic Models for Operations Research (3 CR)
- STAT 211 QR: Statistical Methods (3 CR)
- STAT 224 QR: Statistics for Quality & Productivity (3 CR)

4) Complete at least **two** courses from the following:

___/___/___

- BSAD 230 Technology Entrepreneurship and Commercialization (3 CR)
- BSAD 270 Quantitative Analysis for Managerial Decisions (3 CR)
- BSAD 273 Supply Chain Management (3 CR)
- BSAD 293 QR: Integrated Product Development (3 CR)

5a) **Project option:**

___/___/___

- EMGT 392 (3 CR)

- i. Confirm the name of your project advisor by the end of the first semester. Only a regular member of the UVM Graduate Faculty can serve as primary project advisor.

___/___/___

Primary project advisor name: _____

(optional) Project co-advisor name: _____

ii. Successfully complete a written project report in EMGT 392 _____/_____/_____

OR 5b) Coursework option: _____/_____/_____

i. Complete one additional 200-300 level Engineering course (3 CR)

Course 4: _____

ii. Successfully complete a written project report from a pre-approved course. _____/_____/_____

Pre-approved course title: _____

Elective Graduate Courses

BSAD 230 Technology Entrepreneurship and Commercialization

BSAD 268 Advanced Topics in Management

BSAD 270 Quantitative Analysis for Managerial Decisions

BSAD 273 Supply Chain Management

BSAD 293 Integrated Product Development

BSAD 308 Introduction to Finance

BSAD 362 CPA Law

BSAD 3xx Management, Leadership and Organizational Behavior (in development)

CE, CS, EE, ME and STAT courses at the 200 and 300-level

MATH courses at the 200 and 300-level with approval of the Program Director

Additional approved elective courses may be authorized by the Graduate Committee.