

# Master of Engineering Program in Construction Management

## Research Focus

- Construction Management Techniques
- Construction Cost and Control
- Construction Equipment and Method
- Information Technology in Construction

## Structure of the Program

### 1. Credit Requirements \*

Requirements	Option 1.2
Coursework	24
- Core Courses	15
- Electives	9
Required Non-credit Courses	5
Thesis	12
<b>Total</b>	<b>36</b>

\* Minimum credits required

### 2. Core Courses

Requirements	Option 1.2	
	Course No.	Cr.
Construction Management Techniques	313521	3
Construction Cost, Economics and Finance	313522	3
Information Technology in Construction	313523	3
Law and Contracting in Construction	313524	3
Construction Equipment and Methods	313525	3
<b>Total</b>	<b>5</b>	<b>15</b>

### 3. Electives

Requirements	Option 1.2	
	Course No.	Cr.
Construction Monitoring, Inspection and Control Process	304524	3
Safety and Environmental Issues in Construction	304525	3
Organization Management in Construction	304526	3
Real Estate Development	304527	3
Advanced Project Management	313526	3
Design and Construction Process	313527	3
Building Information Modeling for Project Participants	313528	3
Selected Topics in Construction Management	313583	3
Special Problems in Construction Management	313584	3
<b>Total</b>	<b>≥3</b>	<b>≥9</b>

### 4. Required Non-credit Courses

Requirements	Option 1.2	
	Course No.	Cr.
Research Methodology in Science and Technology	313503	3
Seminar 1	313581	1
Seminar 2	313582	1
<b>Total</b>	<b>3</b>	<b>5</b>

### 5. Thesis Credit Requirements

Requirements	Option 1.2	
	Course No.	Cr.
Thesis 1, Option 1.2	313591	3
Thesis 2, Option 1.2	313592	3
Thesis 3, Option 1.2	313593	6
<b>Total</b>	<b>3</b>	<b>12</b>