



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

Credit Requirements *

Requirements	Type A2
1. Coursework	24
1.1 Core Courses	15
1.2 Electives	15
2. Thesis	12
3. Required Non-credit Courses	5
Total	36

Core Courses

Requirements	Type A2	
	Course No	Cr
Safety and Environmental Issues in Construction	304525	3
Construction Management Techniques	313521	3
Construction Cost, Economics and Finance	313522	3
Law and Contracting in Construction	313524	3
Construction Equipment and Methods	313525	3
Total		15



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Electives Courses

Requirements	Option Type A 2	
	Course No	Cr
Construction Monitoring, Inspection and Control Process	304524	3
Organization Management in Construction	304526	3
Real Estate Development	304527	3
Stakeholders Participation and Environment Impact Assessment	310504	3
Information Technology in Construction	313523	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
Total		≥9

Thesis Credit Requirements

Requirements	Type A 2	
	Course No	Cr
Thesis 1, Type A 2	313591	3
Thesis 2, Type A 2	313592	3
Thesis 3, Type A 2	313593	6
Total		12

Required Non-credit Courses

Requirements	TypeA1, A 2	
	Course No	Cr
Research Methodology in Science and Technology	313503	3
Seminar 1	313581	1
Seminar 2	313582	1
Total		5