

## Master of Engineering Management – Department of Civil & Construction Engineering

### Study Program

Master of Engineering Management:

- Compulsory (Core) courses: **18 credit hours**
- Elective Courses: **18 credit hours**

### Degree Plan for the Master of Engineering Management

#### First Semester

Course #	Title	L	LB	Credit
CONEN 601 (Core)	Construction Processes	3	0	3
CONEN 603 (Core)	Construction Project Management I	3	0	3
CONEN 605 (Core)	Advanced Construction Engineering Economics	3	0	3
Semester Total Credit Units & Contact Hours				9

#### Second Semester

Course #	Title	L	T/LB	Credit
CONEN 602 (Core)	Construction Procurement & Contract Administration	3	0	3
CONEN 604 (Core)	Construction Project Management II	3	0	3
CONEN 606 (Core)	Decision Support Systems	3	0	3
Semester Total Credit Units & Contact Hours				9

#### Third Semester

Course #	Title	L	LB	Credit
CONEN ***	Elective I*	3	0	3
CONEN ***	Elective II*	3	0	3
CONEN ***	Elective III*	3	0	3
Semester Total Credit Units & Contact Hours				9

#### Fourth Semester

Course #	Title	L	LB	Credit
CONEN ***	Elective IV*	3	0	3
CONEN ***	Elective V*	3	0	3
***** **	Elective VI**	3	0	3
Semester Total Credit Units & Contact Hours				9

\* Requires consent of main advisor/advisory committee

\*\*From relevant graduate courses offered in Imam Abdulrahman Bin Faisal University with consent of the program coordinator.

The student should select 5 required courses from the offered list of elective courses shown in table 2. The selected list should be approved by student's supervisor. Some of these courses may not be offered each semester. The remaining general elective course shall be selected from relevant graduate courses offered in Imam Abdulrahman Bin Faisal University with consent of the supervisor and program Coordinator.

**List of Elective Courses Offered by Department**

Course #	Title	L	LB	Credit
CONEN 611	Infrastructure Project Finance and Management	3	0	3
CONEN 612	Construction Company Financial Management	3	0	3
CONEN 613	Methods and Equipment for Construction	3	0	3
CONEN 614	Construction Productivity and Quality Management	3	0	3
CONEN 615	Computer Applications in Construction Engineering Management	3	0	3
CONEN 616	Construction Safety Management	3	0	3
CONEN 617	Sustainable Construction	3	0	3
CONEN 618	International Construction	3	0	3
CONEN 619	Strategic Planning in Construction	3	0	3
CONEN 620	Construction Risk Management	3	0	3
CONEN 621	Building Information Modelling (BIM) in Construction	3	0	3
CONEN 622	Construction Site Management	3	0	3
**** **	General Elective	3	0	3