

## Curricular Structure and Course Cycle

Semester I		
Course Code	Course Description	Credit Hours
MGT 511	Project Planning and Control	3
MGT 512	Human Resource Management	3
STT 505	Statistical Analysis	3
ECM 521	Professional Ethics and Liability in Construction	3
ECO 501	Economics for Construction Managers	3
		<b>15</b>
Semester II		
Course Code	Course Description	Credit Hours
ECM 522	Construction Policies, Environment and Law	3
FIN 521	Financial Management	3
ECM 523	Construction Project Management	3
ECM 524	Management of Construction Plant and Equipment	3
	Elective – I	3
		<b>15</b>
Semester III		
Course Code	Course Description	Credit Hours
ECM 621	Construction Project Engineering and Administration	3
ECM 622	Construction Safety Engineering	3
RCH 601	Research Methodology	3
ECM 623	Construction Management in Developing Countries	3
	Elective – II	3
		<b>15</b>
Semester IV		
Course Code	Course Description	Credit Hours
ECM 625	Thesis	15

### Electives

The following courses have been identified for electives. These courses offer students the flexibility to customize their needs and meet their career interests and goals. These are basically sectorial and application courses which address the systematic integration across construction business disciplines. Hence, a wide range of elective options may be offered by a college/school. A college/school can also develop and offer such sector-focused elective courses with the prior approval of the Subject Committee and the Dean.

#### Elective – I (3 credits)

1. IEE and EIA
2. GIS
3. Operation Research
4. Concrete Technology
5. Bridge inspection and maintenance engineering

#### Elective – II (3 credits)

1. Water Resource engineering
2. Mountain Risk Engineering
3. Conservation management
4. Hydropower systems and management
5. Power plant systems

