**POKHARA UNIVERSITY**

**Master of Science in Construction Management**

**Curricular Structure (Revised, 2013)**

The program is designed to bring corporate change in Nepal through transformation of students into competent construction managers, executives, and entrepreneurs capable of becoming strategic change agents in the corporate and social world. The program focuses on developing social and developmental outlook and adequate skill in analysis, decision-making, implementation, leadership, and communication among the students. It is a two-year program spread over four semesters. A student needs to successfully complete 45 credit hours of course work and 15 credit hours of research project for graduation.

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| **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 |
|  |  | **15** |
|  |  |  |
| **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 |
|  |  | **15** |
|  |  |  |
| **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 |
|  |  | **15** |
|  |  |  |
| **Semester IV** |
| **Course Code** | **Course Description** | **Credit Hours** |
| ECM 625 | Thesis | 15 |
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