**POKHARA UNIVERSITY**

**Masters of Science in Interdisciplinary Water Resources Management Program**

**Curricular Structure**

The program is designed to train water professionals with interdisciplinary knowledge and skills in pursing and promoting integrated water resources management in the country consistent to water resources development policy set forth by Water Resources Strategy (2002) and National Water Plan (2005). The duration of the program is 2years organized into 4 semesters. A student needs to successfully complete 44 credit hours of course work and 16 credit hours of thesis for graduation.

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|  | **Semester I** |  |
| **Course Code** | **Course Title** | **Credit hours** |
| IWM 611 | Hydrological Science  | 3 |
| IWM 612 | Water Flow and Hydraulics  | 3 |
| IWM 613 | Role of Water in Productive Activities  | 3 |
| IWM 614 | Society and Water: Public Health, Livelihood and Ecosystem | 3 |
| IWM 615 | EIA and GIS Application in Water Resources | 3 |
| IWM 616 | Presentation, Writing and Reporting Skills | 2 |
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|  | **Semester II** |  |
| **Course Code** | **Course Title** | **Credit hours** |
| IWM 621 | Economics of Water Resources Management  | 3 |
| IWM 622 | Gender, Water and Social Inclusion | 2 |
| IWM 623 | Conflicts in Water management  | 3 |
| IWM 624 | Legal and policy Dimensions of Water Management  | 3 |
| IWM 711 | Water Induced Disaster and Risk Management  | 3 |
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| **Semester III** |  |
| **Course code** | **Courses Title** | **Credit hours** |
| IWM 712 | Integrated Water Resources Management | 3 |
| IWM 713 | Field Research Methodology  | 4 |
| IWM 714 | Power, Authority and History  | 2 |
| IWM 750 | Elective | 4 |
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| **Semester IV** |  |
| **Course Code** | **Courses Title** | **Credit hours** |
| IWM 700 | Thesis  | 16 |