

# Annex

## Annex: Module catalog Curriculum

| Name  | Semester | 1 | 2 | 3 | 4  |
|---|----------|---|---|---|----|
| <b>Core Modules</b>                                     |          |   |   |   |    |
| Management of Natural Resources Systems                 |          | 5 |   |   |    |
| Natural Resources Economics and Governance              |          | 5 |   |   |    |
| Project and Business Management                         |          | 5 | 5 |   |    |
| International Cooperation and Development               |          |   | 5 |   |    |
| Project I   |          | 5 |   |   |    |
| Project II  |          |   | 5 |   |    |
| Project III   |          |   |   | 5 |    |
| Master Thesis Preparation                               |          |   |   | 5 |    |
| <b>Master's Thesis and Final Oral Examination</b>       |          |   |   |   |    |
| Master's Thesis and Final Oral Examination              |          |   |   |   | 30 |
| <b>Elective Modules</b>                                 |          |   |   |   |    |
| <b>Methods and Tools</b>                                |          |   |   |   |    |
| Scientific Work and Research Methods                    |          | 5 |   |   |    |
| Geographic Information Systems and Remote Sensing       |          | 5 |   |   |    |
| Statistics  |          | 5 |   |   |    |
| Eco-balancing and decision-support systems              |          |   | 5 |   |    |
| Empirical Social Research Methods                       |          |   | 5 |   |    |
| Environmental Monitoring                                |          |   | 5 |   |    |
| Economic Evaluation Methods                             |          |   |   | 5 |    |
| Environmental Assessment                                |          |   |   | 5 |    |
| <b>Integrated Water Resources Management IWRM</b>       |          |   |   |   |    |
| Water Resources Management                              |          | 5 |   |   |    |
| Hydrology   |          |   | 5 |   |    |
| Hydraulic Structures                                    |          |   | 5 |   |    |
| Water and Agriculture                                   |          |   | 5 |   |    |
| Water Economics and Governance                          |          |   | 5 |   |    |
| Watershed Management                                    |          |   | 5 |   |    |
| Sanitation and Public Health                            |          |   |   | 5 |    |
| Flood Management  |          |   |   | 5 |    |
| Water Scarcity and Drought                              |          |   |   | 5 |    |
| Water Supply  |          |   |   | 5 |    |
| Water System Analysis                                   |          |   |   | 5 |    |
| <b>Natural Resources Management and Development NRM</b> |          |   |   |   |    |
| Land Use Systems and the Environment                    |          | 5 |   |   |    |
| Soil Management   |          |   | 5 |   |    |
| Farming System Economics                                |          |   | 5 |   |    |
| Ecosystem Management and Conservation                   |          |   | 5 |   |    |
| Public Services and Housing Provision                   |          |   | 5 |   |    |
| Ecological and Social Risks                             |          |   |   | 5 |    |
| Food Security   |          |   |   | 5 |    |
| Resources Efficient Buildings and Quarters              |          |   |   | 5 |    |
| Urban, Regional and Community Based Management          |          |   |   | 5 |    |
| Water-Energy-Food Security Nexus                        |          |   |   | 5 |    |
| <b>Renewable Energy Management REM</b>                  |          |   |   |   |    |
| Energy Resources and Energy Systems                     |          | 5 |   |   |    |

|   |   |   |   |  |
|---|---|---|---|--|
| Bioenergy and Geothermal Energy           | 5 |   |   |  |
| Energy Economics and Markets              |   | 5 |   |  |
| Energy Efficiency and Environment         |   | 5 |   |  |
| Photovoltaics and Solar Thermal Systems   |   | 5 |   |  |
| Energy Policy, Legislation and Management |   |   | 5 |  |
| Wind Energy and Hydropower                |   |   | 5 |  |
| Decentralized Energy Systems Planning     |   |   | 5 |  |

**Annex: Double degree in cooperation with our partner university "Universidad Autónoma de San Luis Potosí – UASLP", Mexico**

Programs involved:

- 1) UASLP - "Multidisciplinary Postgraduate Programme on Environmental Sciences – PMPCA"
- 2) CUAS - "Natural Resources Management and Development - NRM"

**Recognition process**

| PMPCA - Module title             | ECTS | NRM - Module title   |
|----------------------------------|------|--|
| Ecología                         | 5    | Management of Natural Resources Systems  |
|                                  | 5    | Ecología – Curso optativo  |
| Desarrollo sustentable           | 5    | International Cooperation and Development  |
| Problemática y Gestión Ambiental | 5    | Project I  |
| Economía Ecológica               | 5    | Natural Resources Economics and Governance   |
| Seminario Multidisciplinario     | 5    | Project II   |
| Estadística                      | 5    | Applied Statistic  |
| Curso optativo                   | 5    | Modules selected from the PMPCA electives catalog<br>(Specialization NRM or Methods & Tools) |
| Curso optativo                   | 5    |  |
| Curso optativo                   | 5    |  |
| Curso optativo                   | 5    |  |