



Doctor of Philosophy in Environment and Water Resources

Curricular structure DMARH01 2020.1

Code	Discipline Name	Credit Hours
MMO01	Fundamentals of Statistics	60h
MMO02	Fundamentals of Scientific Methodology	30h
MMO03	Seminar in Environment and Water Resources I	45h
MMO04	Seminar in Environment and Water Resources II	30h
MMO10	Socio Environmental Challenges	45h
MMC02	Soil Microbiology	45h
MMC03	Environmental Licensing and Impact Assessment	45h
MMC05	Source, Market and Regulation of Renewable Energy	45h
MMC06	Aquatic Ecotoxicology	45h
MMC08	Optimization Techniques Applied to Environment and Water Resources	45h
MMC10	Advances Technologies for Wastewater Treatment for Reuse	45h
MMC11	Planning and Environmental Management of Watersheds	45h
MMC14	Quantitative Methods, Modelling and Simulation in Water Resources	45h
MMC16	Flood Control	45h
MMC17	Design of Experiments	45h
MMC19	Environmental and Occupational Health	45h
MMC20	Climate Changes and Environmental Consequences	45h
MMC21	Geoprocessing Interpretation Tools	45h
MMC22	Remote Sensing and GIS Applied to Geo Disasters Mapping	45h
MMC23	Advanced Statistics	45h
MMC25	Tropical Climatology	45h
MMC27	Physical Limnology	45h
MMC29	Wind Power Harnessing	45h
MMC31	Introduction to Climate Numerical Modelling	45h
MMC34	Culture Phenology	45h
MMC35	Solid Waste - Management and Sustainability	45h
MMC37	Physical Hydrology	45h
MMC39	Applied Environmental Law	45h
MMC40	Hydrological Simulation	45h
MMC43	South American Meteorology - Tropics and Extratropics	60h
MMC45	Water Quality	60h
MMC46	Geoprocessing Applied to Territorial Planning	60h
MMC47	Soil Attributes, Classification and Environmental Application	60h
MMC49	Air Quality	60h
MMC50	Climate and Epidemiology	60h

MMC51	Sanitation and Health	60h
MMC52	Participatory Management Tools in Conservation Units	30h
MMC53	Aid and Optimization Tools for Scientifics Writing	30h
MMC54	Participatory Management Tools	45h
MMC55	Environmental Law and Citizenship	30h
MMC56	Environmental Licensing and Impact Assessment	45h

Note: There are disciplines that are not listed here and may be available for attendance. Please contact us for further information.