

Universidad Central de Nicaragua

Programas Internacionales
Escuela de Gestión Ambiental y de Residuos
International Programs
School of Environmental and Waste Management
www.ucn.edu.ni/inter/environment
europa@ucn.edu.ni
www.ucnpi-waste-university.net

ACADEMIC DEGREES

DEGREE PROGRAMMES OFFERED

English Programmes:

Master of Science in Environmental Studies

Master of Science in Environmental Studies in Environmental Policy

Master of Science in Environmental Studies in Environmental Management

Doctor of Environmental Studies

Download Programme Catalog

Spanish Programmes:

Maestria en Ciencias Ambientales con Mencion en Impactos Ambientales

Download Curriculum de Maestria

German Programmes:

The following German programmes are under development:

Master of Waste Management

Master of Environmental Management

Master of Science in Waste Management

Master of Science in Environmental Management

Master of Business Administration in Waste Management

Master of Business Administration in Environmental Management

Doctor of Waste Management

Doctor of Environmental Management

The School of Environmental and Waste Management takes a particular approach to European students and, therefore, applies the Bologna-system of three-tier education (Bachelor, Master, Doctorate) and the European Credits Transfer System (ECTS) in the conduct of studies. One full study year corresponds with 1,500 real time hours of learning, earning a student 60 ECTS credits.

Bachelor's Degrees:

Bachelor in Professional Studies with specialisation (applies to various individualised and corporate programmes)

BSc with specialisation (applies to taught programmes with/without partner providers)

BBA with specialisation (applies to BBA graduates with a specialisation in the respective study area of environmental and waste management)

Degree requirements: 180 ECTS credits

Master's Degrees:

Master in Professional Studies with specialisation (applies to various individualised and corporate programmes) – professional university degree for professional doctorate admission

MSc with specialisation (applies to taught programmes with/without partner providers) – academic university degree for research doctorate admission

MBA with specialisation (applies to BBA graduates with a specialisation in the respective study area of environmental and waste management) – professional degree for professional doctorate admission

Master or MSc double degree programme with MBA degree – two awards:

MBA Programmes can be offered as double degree programmes with WWEDU degrees, accredited Austrian (EU) degree programmes – MBA in General Management. Students can, therefore, earn their Master degree with UCN in Nicaragua and their MBA degree with WWEDU in Austria. Two continents, two accreditations and recognitions in two study areas.

Degree requirements: 60 - 120 ECTS credits

Doctoral Degrees:

The regulations of UCN PI apply to doctoral degree programmes. Graduates of our professional Master programmes are admitted to professional doctoral research programmes, scientific MSc graduates are admitted to the research PhD programme offered by UCN PI.

According to CIWM, The Chartered Institution of Wastes Management a “number of Universities and other establishments of higher education now have first-degrees and post-graduate level courses available involving various aspects of wastes management or environmental pollution control. These are normally full-time courses, but some are offered on a part-time modular basis. There is now a wide range of courses, ranging from those that

contain just a module of wastes management to full-time masters degrees specialising in the subject.“

CURRICULUM

The following study plans lay out the general degree requirements for the basic degrees offered by the UCN PI School of Environmental and Waste Management at the Bachelor's and Master's levels.

Bachelor Degrees: 180 ECTS credits

General educational requirements (social sciences, economics, natural sciences) 30 ECTS credits

Practical educational requirements (on-the-job trainings, professional trainings, formal trainings) 30 ECTS credits

Environmental management (including EIA, IPPC, EMS, OHS, QMS) requirements 45 ECTS credits

Waste management requirements 45 ECTS credits

Specialisation courses and capstone project 30 ECTS credits

The curriculum of general degree requirements applies to all bachelor degrees.

Master Degrees: 60 – 120 ECTS credits

Master of Environmental Management and Audit (MEM, MBA)

International and National Environmental Law and Agreements 15 credits

Ecology and the Economy – Sustainable Development and Environmental Impact Assessment 15 credits

Environmental Management and Audit, Clean Technologies 30 credits

Environmental Policy and Public Environmental Administration 15 credits

Specialisation area of study – Master's Thesis 30 credits

Master of Waste Management (MWM, MBA)

International and National Waste Law and Agreements 15 credits

Introduction to Waste Management and Clean Technologies 15 credits

Treatment of Wastes (collection, recycling, treatment, disposal) 30 credits

Management Issues for Waste Management 15 credits

Specialisation area of study – Master's Thesis 30 credits

Master of Science in Environmental Studies (MSc)

Core mandatory courses 30 credits

Elective courses 60 credits

Advanced mandatory courses 30 credits

Master of Science in Environmental Studies in Environmental Policy (MSc)

Core mandatory courses 30 credits

Elective courses 60 credits

Advanced mandatory courses 30 credits

Master of Science in Environmental Studies in Environmental Management (MSc)

Core mandatory courses 30 credits

Elective courses 60 credits

Advanced mandatory courses 30 credits

Doctor of Environmental Studies (Dr. Env.Stud.)

Core mandatory courses 60 credits

Research course and research 30 credits

Dissertation and defense 30 credits

DOUBLE DEGREES

UCN PI School of Environmental and Waste Management will pursue double degree programmes through various partnerships and collaborative educational services agreements with other higher education providers in the area.

We are open to various partnerships and collaborations – partner with us

INDIVIDUALISED DEGREES

Students at UCN PI School of Environmental and Waste Management can compose their own individual study plan in accordance with the general degree requirements for the Bachelor and Master degrees (BA, BBA, MA, MBA).

These degrees reflect the prior learning of the student, and practical experience, along with courses taken elsewhere and with UCN PI School of Environmental and Waste Management.

CORPORATE SOLUTIONS AND PARTNERSHIPS

Universidad Central de Nicaragua International Programs School of Environmental and Waste Management is focussed on bridging science and education with every-day practice in the environmental and waste-management-industry. Our corporate solutions offer several levels of partnership to corporations and federations in the environmental and waste management industry.

We can design, provide and conduct courses and training programmes at both levels, the corporate level of the partner and the university level. Such courses earn students, these are the trained employees, college-credits, the credits counting towards an individualised corporate degree (certificate, diploma, bachelor, master level). Corporate training programmes and individual prior learning in specific study areas can be combined to UCN PI degree programmes.

UCN PI School of Environmental and Waste Management will pursue and foster collaborations with corporations in the environmental and waste management industry in providing college level education matching the requirements of the partner. We invite waste management corporations to contact us with requests.