



UNIVERSIDADE DA CORUÑA

MASTER IN ENVIRONMENTAL
SCIENCES

UNIVERSITY OF A CORUÑA (UDC) AND ALECU RUSSO BALTI
STATE UNIVERSITY



(USABR)

The Double Master Degree in Environmental Sciences, Technology and Management and Agricultural Ecology has its origin in the RETHINKe Project (Reform of Education THru INternational Knowledge exchange), funded with support from the European Commission.

This Master Programme is designed for students and professionals with different scientific backgrounds. It is directed to biology, chemistry and ecology students, who have successfully fulfilled at least one semester of Master's Programme in their Home University. Additionally, the student has to provide an English Language Certificate, confirming the B1 level of mastery. International language certificates will have priority over the certificates, issued by Home University.

In the course of the Programme, the students will have to obtain a minimum of 30 ECTS. A major objective of the Programme is writing the Master's thesis in collaboration with supervisors of both Home and Host Universities and its defense to a joint commission.

By the end of the Programme, the participants will receive two officially recognized diplomas, one issued by USARB (Alecu Russo State University of Balti) and one by UDC (University of Coruna). The diploma of the Host University shall be received only upon the receipt of the diploma of the Home University.

The selection and recommendation of the students for undertaking this DD Master's Programme shall be done by the Home University, taking into account the candidate's professional, language and practical skills.

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STUDY PROGRAMME

STUDENTS FROM USABR TO UDC		
Semester	Chairs	ECTS
1 (USARB)	Soil fertility and crop productivity	5
	Scientific basis for the development of sustainable agriculture	5
	Comparative analysis of natural ecosystems and agroecosystems	5
	Sociology of management	5
	Applied informatics	5
	Ecological weed management in agro-ecosystems	5
2 (USARB)	Fertilization system in sustainable agriculture	5
	Soil ecosystem	5
	Landscape-based territorial planning	5
	Research methodology and ethics	5
	Certification and management of ecological production	5
	The importance of gene pool in maintaining the biodiversity and targeted improvement of the field crops	5
		5
3 (UDC)	Legislation, regulation and environmental management	6
	Analytical strategies applied to environmental studies	6
	Statistical methods applied to environmental data	3
	Ecology and biomonitoring	3
	Water quality	6
	Soil quality	3
	Air quality	3
4 (USARB/UDC)	MSc. thesis	30
TOTAL		120



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In addition, students of USARB will have the possibility to enrol in the following elective chair during each of the first two semesters:

Name of the chair	ECTS
Specialty terminology (English and French)	5



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STUDENTS FROM UDC TO USABR		
Semester	Chairs	ECTS
1 (UDC)	Legislation, regulation and environmental management	6
	Analytical strategies applied to environmental studies	6
	Statistical methods applied to environmental data	3
	Ecology and biomonitoring	3
	Water quality	6
	Soil quality	3
	Air quality	3
2 (UDC)	Energy resources	3
	Wastes	3
	<i>Elective chairs</i> ¹	6
	Masters Degree Project	18
3 (USARB)	Scientific basis for the development of sustainable agriculture	5
	Comparative analysis of natural ecosystems and agroecosystems	5
	Globalization and zonality in agriculture/Sustainable agriculture: achievements, problems, perspectives	5
	Soil degradation and its ecological restoration/Innovative agricultural systems and their importance in enhancing sustainability	5
	Fertilization system in sustainable agriculture	5
	Ecological weed management in agro-ecosystem	5
TOTAL		90



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The student should pick two or the following elective chairs:

Elective chair	ECTS
Quality management	3
Advanced instrumentation	3
Environmental monitoring	3
Environmental economy	3



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