

ANNEX

STUDY PROGRAMME

Section 1

- The study programme for the students participating in the Double Degree whose home institution is **DonNACEA**, is provided in the following table:

Semester	Subjects	ECTS
1 (IPL)	Methods of Decision making and Optimization	7.5
	Thermo fluids	7.5
	Elective Subjects ¹	15
2 (DonNACEA)	Ecological management and audit	4
	Staff psychology management	2
	Pedagogics of universities	2
	Civil Defense	2
	Wastes' management and eco-technologies	6
	Methodology of scientific researches	4
	Donbas Ecological problems	6
	Ecology of automobile transport	4
3 (DonNACEA)	Modern ecological technologies	8
	Intellectual property	4
	Sustainable development strategy	6
	Ecological inspection	4
	Information technologies for scientific researches	5
	Basics of reliability of nature-saving systems	3
4 (DonNACEA/IPL)*	Master's practice	6
	Preparation and qualification of Master's thesis	24
TOTAL		120

*Co-supervision by IPL Professor and Defence in DonNACEA

¹ The students will have to choose two (2) of the following subjects:

Elective Subjects (IPL)	ECTS
Environmental Management Policies	7.5
Energy Policy and Sustainable Development	7.5
Evaluation of Environmental Parameters	7.5
Air Quality Management	7.5

- The study programme for the students participating in the Double Degree whose home institution is **IPL**, is provided in the following table:

Semester	Subjects	ECTS
1 (DonNACEA)	Legislation, regulation and environmental management	6
	Geoinformation systems and technologies	4
	Computer-aided system for environmental operating activity	4
	Paleoenvironment and biomonitoring	3
	Water quality	6
	Soil quality	3
	Air quality	4
2 (IPL)	Electives Subject ¹	30
3 (IPL/ DonNACEA)*	Dissertation or Internship or Project	60
4 (IPL/ DonNACEA)*		
TOTAL		120

* The student should pick from Dissertation, Project or Internship. Co-supervision by DonNACEA Professor and Defence in IPL

¹ The students will have to choose four (4) of the following subjects:

Elective subjects (IPL)	ECTS
Water Quality Management	7.5
Waste Management	7.5
Energy and Environment in Transports	7.5
Rational Use of Energy	7.5
Heating, Ventilation and Air-Conditioning Systems	7.5
Renewable Energies Technology	7.5
Environmental Impact Assessment	7.5

- Entrepreneurship: Each student taking part in the double programme will be offered, in IPL, for free, a course on International of Entrepreneurship. This course will be considered as an option part of the double programme. It is intended to strengthen the students' skills and competences to plan, design, develop and manage business activities related to environmental sciences.



- The Master in Energy and Environmental Engineering takes place at the School of Technology and Management of IPL, from Monday to Friday, according to schedules established for every academic year.

- The Master in Science in Ecological (Environmental) Engineering takes place at the Faculty of City Economy and Environmental Protection, from Monday to Friday, according to schedules established for every academic year.

Section 2

The learning programmes described in the previous section follow these criteria:

1. Students enrolled at DonNACEA

- DonNACEA gives recognition to 30 ECTS obtained by the student in Master in Energy and Environmental Engineering at IPL, during the first semester of the first year, for the 30 ECTS corresponding to the first semester of the first year of the Master in Science in Ecological (Environmental) Engineering.

- IPL gives recognition to 30 ECTS obtained by the student in Master in Science in Ecological (Environmental) Engineering at DonNACEA, during the second semester of the first year, for the 30 ECTS corresponding to the second semester of the first year of the Master in Energy and Environmental Engineering.

- IPL gives recognition to 60 ECTS obtained by the student in Master in Science in Ecological (Environmental) Engineering at DonNACEA, during the second year, for the 60 ECTS corresponding to the second year of the Master in Energy and Environmental Engineering.

2. Students enrolled at IPL

- IPL gives recognition to 30 ECTS obtained by the student in Master in Science in Ecological (Environmental) Engineering at DonNACEA, during the first semester of the first year, for the 30 ECTS corresponding to first semester of the first year of the Master in Energy and Environmental Engineering.

- DonNACEA gives recognition to 30 ECTS obtained by the student in Master in Energy and Environmental Engineering at IPL, during the second semester of the first year, for the 30 ECTS corresponding to second semester of the first year of the Master in Science in Ecological (Environmental) Engineering.

- DonNACEA gives recognition to 60 ECTS obtained by the student in Master in Energy and Environmental Engineering at IPL, during the second year, for the 60 ECTS corresponding to second year of the Master in Science in Ecological (Environmental) Engineering.

Section 3

The weighted average of the students' grades obtained at DonNACEA will be assigned, as its grade, to each of the IPL courses passed by means of recognition according to the following table.

Grade description	DonNACEA	IPL
<i>Excellent</i>	90–100	19-20
<i>Very Good</i>	82-89	17-18
<i>Good</i>	74-81	14-16
<i>Satisfactory</i>	60-73	10-13
<i>Fail</i>	1-59	0-9
<i>Failed to appear</i>	No grade	No grade

Any possible conflicts about the mechanism of grade conversion shall be solved by the Academic Commission of the Double Master Degree and accepted by both parties.

Section 4

Students from DonNACEA and IPL taking part in the double programme must successfully complete a master thesis at DonNACEA and IPL. Any master thesis presented and defended under this programme must fulfil the requirements for such works established by both institutions, and each institution will provide the necessary mechanisms for evaluation of the master thesis.

Section 5

Students enrolled in the Double Master degree will have to be awarded, directly or by recognition:

- A minimum of 120 ECTS at IPL to obtain the title of Master in Energy and Environmental Engineering, and



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- A minimum of 120 ECTS at DonNACEA to obtain the title of Master in Science in Ecological (Environmental) Engineering.

Students will receive both degrees in two years, after they have successfully finished all the courses of the Double Master Degree.

Section 6

DonNACEA reserves the right to establish other national and /or international agreements related to the Master in Science in Ecological (Environmental) Engineering.

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