



UNIVERSITÀ
DEGLI STUDI
DI PALERMO



SUPPLEMENTARY AGREEMENT ON INTERNATIONAL AGREEMENT ON DOUBLE MASTER'S DEGREE PROGRAM BETWEEN UNIVERSITY OF PALERMO AND TIANJIN CHENGJIAN UNIVERSITY

One party is University of Palermo, hereinafter also referred to as the “UNIPA”, with registered office at Piazza Marina n. 61, 90133 Palermo, Italy, VAT number 00605880822, represented by prof. Fabrizio Micari, Rector of the University of Palermo;

The other party is Tianjin Chengjian University, hereinafter also referred to as the “TCU”, with registered office at No.26 Jinjing Road, Xiqing District, Tianjin 300384, China. VAT number 12120000401359292M, represented by prof. LI Zhongxian, President of the University of TCU.

STATE

1. Both institutions have signed the *International Agreement on Double Master's Degree Program between University of Palermo and Tianjin Chengjian University* (hereinafter referred to as “the Agreement”) on January 15, 2020.

2. Both institutions agree to include the program---Resources and Environment (specialized in Environmental Engineering) in School of Environmental and Municipal Engineering of TCU into the Agreement. Hereby, both institutions agree to sign the Supplementary Agreement.

First- Content of the Supplementary Agreement

1. List of subjects and list of equipollence between “Resources and Environment (specialized in Environmental Engineering)” at TCU and “Engineering and Innovative Technologies for the Environment” curriculum in Environmental Science and Engineering (LM35) at UNIPA (see Annex).

2. For anything beyond this Supplementary Agreement, both parties shall follow relevant provisions of the Agreement.

Second- Duration of the Supplementary Agreement

This Supplementary Agreement will take effect from the time of its signing, and its period of validity is in consistent with the Agreement.

Third- Text of the Supplementary Agreement

The agreement will be drawn up in English and Chinese with the same legal effect. Any amendments or changes to the text of the Supplementary Agreement must be requested in writing by the institution proposing them.

If any disagreement regarding the interpretation and application of the agreement arises in China, the laws and regulations of China will be applied. If any disagreement arises in Italy, the laws and regulations of Italy will be applied.

This agreement is made in duplicate in both English and Chinese.

ON BEHALF OF UNIVERSITY OF PALERMO

Prof. Fabrizio Micari

Rector of Palermo, UNIPA

Date:

ON BEHALF OF TIANJIN CHENGJIN UNIVERSITY

Prof. Li Zhongxian

President of Tianjin Chengjian University, TCU

Date:

Annex

1. **Study programme for a TCU Student enrolled in “Resources and Environment (specialized in Environmental Engineering)” wishing to obtain the Laurea magistrale “Engineering and innovative technologies for the environment” curriculum in Environmental Science and Engineering (LM35) at the UNIPA**

1.1. List of Subjects to be taken at the HOME Institution

TCU STUDENT - SUBJECTS AT TCU
Name and Subject at the Home Institution
Theory and novel technology of water pollution control or Management and disposal of solid waste or Theory and technology of air pollution control
Modern detection technology
Principles of environmental engineering
Engineering mathematics
Research on theory and practice of socialism with Chinese characteristics
Environmental biotechnology
English
Engineering ethics
Professional elective course
Others (Innovation and entrepreneurship activity, Professional practice)
Thesis proposal
Specific academic achievements of the TCU master degree requirements
Master thesis (>30000 Chinese words)

1.2. List of Subjects to be taken at the HOST Institution

TCU STUDENT - SUBJECTS AT UNIPA
Name and Subject at the Host Institution
Sustainability of industrial processes (cod. 20559 – SSD. ING-IND/27)
Advanced processes and environmental models - integrated course (cod. 20706 – SSD. ICAR/03)
Management of sanitary and environmental systems (cod. 18086 – SSD. ICAR/03)
Water informatics (cod. 19116 – ICAR/02)
Final examination

At the end of the program, the TCU student must write a final thesis in English (more than 10000 English words). The final thesis will be defended at the HOME Institution (TCU) in English (the Defence Committee decided by HOME Institution (TCU) may also include Members of HOST Institution(UNIPA) and defence could be conducted via online video or conference call). The final thesis might be co-tutored by both HOST Institution (UNIPA) and HOME Institution(TCU), and should be preserved in both Institutions. In addition, if the TCU student passes the final defence/ exam, he/she will get the master degree at both TCU and UNIPA.

2. List of equivalence between the two Master study programs

Name of the Subject at UNIPA	Name of the Subject at TCU	UNIPA ECTS	TCU Credits
Complements of environmental hydraulics (cod. 8999 – ICAR/01)	Engineering ethics	9	1
Sustainability of industrial processes (cod. 20559 – SSD. ING-IND/27)	Bioremediation for polluted soil and water	6	2
Reclamation of contaminated sites (cod. 09005 – ICAR/03)	Modern detection technology	9	2
Energy efficiency and system and process eco-design - integrated course (Cod. 20552 - ING-IND/11)	Principles of environmental engineering	12	2
	Professional elective course		1
Chemical industrial processes and treatment of gaseous effluent (cod. 09002 – ING-IND/27)	Environmental biotechnology	9	2
Hydrogeological risk mitigation (Cod. 20553 – ICAR/02)	Engineering mathematics	12	3
Free Subjects	English	9	2
	Others		1
Principles of construction technique (Cod. 13675 – ICAR/07)	Others	6	1
Advanced processes and environmental models - integrated course (Cod. 20706 – ICAR/03)	Control theory and novel technology of water pollution or Management and disposal of solid waste or Theory and technology of air pollution control engineering	9	2
Water Informatics (cod. 19116 – ICAR/02)	Environmental impact assessment and case study	6	2
Final examination (Cod. 05917)		3	
Management of sanitary and environmental systems (cod. 18086 – ICAR/03)	Professional elective course	6	1
Stages	The study on the theory and practice of socialism with Chinese characteristics	15	2
	Innovation and entrepreneurship activity		1
Final examination (Cod. 05917)	Thesis proposal	9	1
	Specific academic achievements of the TCU master degree requirements		
	Thesis (>30000 chinese words)		
	Professional practice		6
TOTAL WHOLE MASTER CREDITS		120	32