

**AGREEMENT OF INTERUNIVERSITY COOPERATION  
FOR THE GRANTING OF A MASTER PROGRAMME**

**Between**

ALMA MATER STUDIORUM – UNIVERSITÀ DI BOLOGNA (hereafter referred to as “University of Bologna”), represented by its Rector, Prof. Francesco Ubertini, Via Zamboni 33 - 40126 Bologna, Italia

**and**

TONGJI UNIVERSITY – Shanghai, People’s Republic of China, represented by its President, Prof. Jie Chen, 1239 Siping Rd. 200092 SHANGHAI, China

Together named “the Parties”

**Provided that**

- Following general agreements signed by Italian and Chinese government representatives regarding the development of a joint project in institutions of higher educations of the two countries, Parties signed in 2007 a cooperation agreement aimed to institute the AlmaTong Programme for the granting of a second cycle degree in the field of Automation Engineering.
- In the following years, the AlmaTong Programme has been extended to different degree programs in Civil Engineering, Rehabilitation of Historic Buildings and in Telecommunications Engineering.
- In particular, on July the 18<sup>th</sup>, 2017 both Universities signed a new cooperation Agreement for the award of a second cycle degree in the field of Telecommunications Engineering which is effective for four full cycles of the programme starting from academic year 2017/2018 (September 1st, 2017).

- On September 23<sup>rd</sup>, 2020 the Parties signed an Addendum to the above-mentioned Agreement in order to update and amend the Tongji University Master's degree denomination and the correspondence tables, according to both article 4.2 and Annex 2 of the Agreement itself.
- The Agreement signed in 2017, as amended in 2020, is now about to expire and both Universities are interested in continuing their collaboration with the signature of a new cooperation Agreement for the award of a second cycle degree.
- The Italian Ministerial Decree "DM 270/04" allows Italian Universities to jointly grant degrees (1<sup>st</sup> and 2<sup>nd</sup> cycle) with other foreign Universities.

**It is agreed and stipulated as follows:**

**Art. 1 - Preamble**

Preamble and annexes are an integral part of this Agreement.

**Art. 2 – Objective of the Agreement**

The Parties agree to establish a joint educational program for a 2<sup>nd</sup> cycle double degree in Telecommunications Engineering. At the end of the program each University will grant to participating students its degree, respectively:

- Laurea Magistrale in Telecommunications Engineering at University of Bologna;
- Master degree in Electronics Information at Tongji University. (Professional Degree, code: 085400).

The curriculum to obtain the double degree is reported in Annex 2.

**Art. 3 – Students**

**3.1 Students Exchange**

A maximum of 5 students for each institution per year is admitted to the program.

All exams successfully passed at the Host partner University by students, as described in the annexed study programs (Annex 1 and Annex 2), shall be automatically recognized by the Home University.

Students involved in the double degree program shall also enjoy the benefits and shall be likewise subject to the regulations and norms that are in force in the partner University while they are attending course units in the Host Institution.

### **3.2 Selection of students**

Students admitted to the double degree program will be selected by each University according to their own criteria and modalities, which will be agreed by the relevant academic bodies in both partner Universities.

### **3.3 Exemption from university admission fees**

Students participating in the double degree program shall be waived university admission and tuition fees, except for the degree granting fee at the Host University.

All other charges, including health insurance, shall be borne by the students themselves.

### **3.4 Fellowship**

Each University can grant the available fellowships to their students attending the double degree program, on the basis of a proper selection procedure and upon availability of funds.

### **3.5 Services offered**

Students participating into the double degree program shall benefit from all services offered by the Host University to its enrolled students.

#### **Art. 4 Access requirements - Structure of the program – award of the degrees**

Students who want to attend the double degree program have to be regularly enrolled at the degree programme in Laurea Magistrale in Telecommunications Engineering at University of Bologna or at the Master degree in Electronics Information at Tongji University according to the respective internal relevant rules.

Students participating in the double degree program must have an adequate knowledge of the English language (certificate level B2 or equivalent) and must be entitled of a valid visa or residence permit.

Italian and Chinese languages can be taught during the programs as second language respectively to not-Italian and not-Chinese native speakers.

##### **4.1 Structure of the program**

The Study program has a structure based on four semesters for Italian Laurea Magistrale and five semesters for Chinese Master. It consists of:

- First year (in Italy): Courses will be held in English, and teaching material in English will be provided.
- Second year (in China): Courses will be held in English, and teaching material in English will be provided.

At the end of the second year, students who acquired the credits provided by the course of study at the University of Bologna may obtain the Laurea Magistrale in Telecommunications Engineering from University of Bologna on the basis of a properly defined correspondence table annexed to the Agreement (Annex 1 and Annex 2), by submitting the relevant academic documentation. The final exam can also be passed in videoconference.

Students of Tongji University applying for the Master degree of Tongji University should stay in Tongji University for an additional period of at least one semester, to finish the master thesis project, as specified in Annex 2. After successful completion of the studies, students can obtain the Master degree in Electronics Information of Tongji University.

Students of Bologna University applying for the Master degree of Tongji University should stay in Tongji University for an additional period of at least one semester, to finish the master thesis project and the 6 credits in Chinese culture courses, as specified in Annex 2. After successful completion of the studies, students can obtain the Master degree in Electronics Information of Tongji University.

Students from University of Bologna attending the supplementary semester of the second cycle degree program at University of Tongji will be enrolled on a tuition fee waiver basis; students will be insured according to article 6 of the present Agreement. All other charges, including health insurance, shall be borne by the students themselves.

The procedure for the award of the degrees and the competent Offices are listed in the Annex 1 and Annex 2 to this Agreement.

#### **4.2 – Study program**

The study program mobility diagram shall be attached to this Agreement (Annex 1 and Annex 2). It is jointly defined by both Universities.

Study program shall cover all the period from the beginnings of study to the last exams, to include the degree.

Exams and study period duration shall be organized in a balanced form and shall find justification and validation in both partner Universities, according

to the provisions of articles 2 and 3 and to bonds included in the attached study program.

It can be modified by mutual consent between the Parties, to no detriment of students already enrolled.

During their stay at the Tongji University, students of University of Bologna enrolled in the double degree program may attend some course units taught in English offered in a list of units taught by international professors also from other joint programs/international programs.

Professors from the University of Bologna may be invited to teach some of these course units. Tongji University shall offer reimbursement of travel and accommodation costs and a compensation given that they are sponsored by relevant Tongji University's "talent" programs that are applicable for inviting foreign experts to teach and research in Tongji.

#### **Art. 5 Certifications**

Host Universities shall award and grant each student participating in the double degree program a Transcript of Records indicating his/her attended teachings and his/her academic performances and number of credits obtained at the partner University.

#### **Art. 6 Insurance obligation**

The Parties state that their respective regularly admitted students will be insured against any incident that they may suffer during their period of stay abroad for the activities concerned by this Agreement and that they are insured for legal liability against damages which they may involuntarily cause to third party (people or their properties).

#### **Art. 7– Exchange of faculty members and administrative staff**

##### **7.1 Exchange modalities**

Both Universities shall regulate the reception and tasks assigned to faculty members and administrative staff participating into the programs under this Agreement, in conformity with the law and juridical rules in force in the country concerned under the exchange.

Staff concerned under this Agreement will continue to comply with the contractual obligations with the home University and will continue to receive the due remuneration and to benefit from the rights they are entitled of for their juridical position, according to the laws and norms existing in the home country.

In any case, the home University shall consider the duration of the stay as ordinary service period for all purposes.

## **7.2 Activities for teachers and administrative staff**

Faculty members and researchers can hold courses and lectures, carry out tutorship activities, participate in seminars, be part of exam, final thesis and doctorate commissions at the partner University, and take part into research activities and meetings for the planning, evaluation and development of the double degree program at the partner University.

The administrative staff will have the possibility of participating in meetings for the planning, evaluation and development double degree program and will be able to carry out special visits in order to analyse the management systems operating at the partner University.

The Parties agree that all the financial agreements will have to be negotiated and will depend on the availability of funds.

During their period at the hosting University, the faculty members and the researchers participating in said exchange, to carry out the above-mentioned activities, shall be considered as staff “on a mission” abroad.

### **7.3 Insurance obligation**

The Parties state that their employees and staff (teachers and administrative staff) will be requested to be insured against incidents that they may suffer during their stay abroad, for the activities under this Agreement, and for the civil liability for damage which they may involuntarily cause to third parties (people or their properties).

### **Art. 8 – Prevention and security**

Both Parties shall supply each participant to the double degree program with detailed information about the specific risks existing in the work environment in which they will operate and carry out their function and with necessary documentation about the prevention and emergency security measures and provisions in force in relation to their activity and about the individuals/subjects in charge of this, in conformity with the laws, norms and regulations in force in the country of the hosting University.

### **Art. 9 – Use of name / Logo**

Each Party may use the logos, names and other marks of the other parties only in connection with the program. Each Party anticipates the other party's participation in press announcements, marketing and other reasonable promotional activities involving the double degree program through the appropriate use of the logos, names and marks of the parties.

### **Art. 10 – Intellectual property rights**

#### **10.1 Intellectual Property related to Curriculum Materials**

In the application and implementation process of this program, the Intellectual Property related to the curriculum materials and related information (including but not limited to teaching plans, publications, courses, courseware, tests, teaching methods and etc.) exchanged between the



Parties are owned by the supplying party, and can only be utilized the other Party for the implementation of this program. Neither Party, without consent of the other Party, shall utilize the curriculum materials and related information for other purposes.

## **10.2 Background Intellectual Property**

“Background Intellectual Property” shall mean patented or unpatented and/or copyrighted or uncopyrighted information, discoveries, inventions, improvements, data, processes, computer programs, source or object codes, documentation, texts, or other know-how owned or controlled by any member institution not arising directly from the double degree program or not otherwise subject to this Agreement. Neither Party shall acquire any ownership interest in the other Party’s Background Intellectual Property by performance of this double degree program. If Background Intellectual Property is useful or essential to the practice or use of the results of the double degree program, the Parties agree to negotiate license rights to allow the practice and use of the results of the program, to the extent that the Parties are legally able to do so.

### **Art. 11 – Other activities**

The Parties can extend the present double degree cooperation agreement for other purposes on the basis of the general cooperation Agreement quoted in the preamble.

Both Parties agree to promote this double degree program in their catalogues and websites. All costs will be maintained by the individual institutions, unless otherwise specified in writing and agreed upon by both Parties.

### **Art. 12 – Responsible for the Agreement**

Each University shall appoint a co-ordinator for the Co-operation Agreement.

### **Art. 13 – Evaluation of the program**

The two partner Universities will consult each other when appropriate, but at least once a year, in order to evaluate the program development, to draw up a report about the ongoing initiatives and to elaborate other cooperation programs.

### **Art. 14 – Controversies**

In the event of any controversy arising from this Agreement the Parties will endeavor to resolve the matter amicably and in good faith.

### **Art. 15 – Duration of the Agreement**

This Agreement shall be valid from the date of signature of the document by both Parties and shall be effective for four (4) full cycles (Totally 5.5 years) of the program (described in the article 4.1) starting on September 1st, 2021. The first cohort of students will then enroll starting from academic year 2021/2022 and the last cohort of student will enroll in academic year 2024/2025.

This Agreement may be extended by mutual written agreement between the Parties.

The Agreement may be amended in writing in compliance with reference rules and regulations and with guidelines of Governing Bodies of the Parties.

This Agreement may be terminated at the request of either party provided that a minimum of six months' prior written notice is given to the other party to enable satisfactory arrangements to be put in place for existing students, and those to whom an offer of a place on the program has been formally made. Both Parties shall be equally responsible for such arrangements. Any modification or termination of the Agreement shall be carried out in such a way as to ensure no damage for the participants in the programs already

underway. If any of the partner institutions wishes to withdraw, it must be guaranteed that all the students admitted to this institution will be able to complete their studies in the agreed way.

Annex 2 can be individually modified by mutual consent between the Parties by means of an exchange of notes between the partner Universities, to no detriment to the students already enrolled.

**Art. 16 – Copies and language**

This Agreement is subscribed in two originals in English.

date .....

ALMA MATER STUDIORUM – UNIVERSITÀ DI BOLOGNA

Prof. Francesco Ubertini, Rector

.....

date .....

TONGJI UNIVERSITY

Prof. Jie Chen, President

.....

## **Annex 1**

### **General Structure of the double-degree Master Program in Telecommunications Engineering**

#### ***1 Academic Management***

##### **1.1 Structure of the program for students of Tongji University (2.5 years program)**

**First Unibo year (Master level):** courses are organized according to the double-degree Master training program, as specified in Annex 2. Students of both Tongji and Bologna University attend together courses at Bologna University. Lectures are given in English.

**Second Tongji year (Master level):** courses are organized according to the double-degree Master training program, as specified in Annex 2. Students of both Tongji and Bologna University attend together courses at Tongji University. Lectures are given in English.

After completion of the studies specified in Annex 2, students can obtain the Laurea Magistrale in Telecommunications Engineering from University of Bologna.

**Additional Semester (Master level):** Students of Tongji University applying for the Master degree of Tongji University should stay in Tongji University for an additional period of at least one semester, as specified in Annex 2. After successful completion of the studies, students can obtain the Master degree in Electronics Information of Tongji University.

##### **1.2 Structure of the program for students of Bologna University (2.5 years program)**

**First Unibo year (Master level):** courses are organized according to the double-degree Master training program, as specified in Annex 2. Students of

both Tongji and Bologna University attend together courses at Bologna University. Lectures are given in English.

**Second Tongji year (Master level):** courses are organized according to the double-degree Master training program, as specified in Annex 2. Students of both Tongji and Bologna University attend together courses at Tongji University. Lectures are given in English.

After completion of the studies specified in Annex 2, students can obtain the Laurea Magistrale in Telecommunications Engineering from University of Bologna.

**Additional Semester (Master level):** Students of Bologna University applying for the Master degree of Tongji University should stay in Tongji University for an additional period of at least one semester, to finish the master thesis project and the 6 credits in Chinese culture courses, as specified in Annex 2. After successful completion of the studies, students can obtain the Master degree in Electronics Information of Tongji University.

## ***2. Double degree Master Granting***

According to “AGREEMENT OF INTERUNIVERSITY COOPERATION FOR THE GRANTING OF A MASTER PROGRAM BETWEEN UNIVERSITÀ DI BOLOGNA AND TONGJI UNIVERSITY” and relevant regulations, the Master degree in Electronics Information of Tongji University and the Laurea Magistrale in Telecommunications Engineering of Bologna University would be conferred in case:

- The degree rules and regulations of Tongji University should be met and the implementation Plan for the double-degree Master training program should be successfully accomplished to get the Master degree in Electronics Information of Tongji University.

- The degree rules and regulations of Bologna University should be met and the implementation Plan for the double-degree Master training program should be successfully accomplished to get the Laurea Magistrale in Telecommunications Engineering of Bologna University.

### **3. Facilities**

Tongji University is responsible for providing fundamental education facilities teaching, studying, experiment activities when students stay in Tongji University, including but not limited to classroom, laboratory, practice base, innovation platform and library.

Bologna University is responsible for providing fundamental education facilities teaching, studying, experiment activities when students stay in Bologna University, including but not limited to classroom, laboratory, practice base, innovation platform and library.

### **4. Management**

All double-degree program related affairs for staying in Tongji University are processed by the management team, that includes professors of Tongji University and Bologna University. Each party has the responsibility of the arrangement of faculties and students, as well as curriculum, experiments teaching arrangement and other related affairs.

## **Annex 2**

### **Study Plan for the Double Degree Master Program in Telecommunications Engineering**

#### ***1. Credit description***

The Bologna University and Tongji University adopt different criteria for the evaluation of credits. In order to establish a correspondence between the courses delivered at Tongji University and Bologna University for the purpose of the Double Degree Master Program in Telecommunications Engineering, the following credit description is introduced and agreed:

The University of Bologna assumes 10 hours teaching and 15 hours for completing exercises and self-studies.

The Tongji University assumes 18 hours teaching and 54 hours for completing exercises and self-studies.

Based on this correspondence, students of the University of Bologna and students of the Tongji University are ensured to obtain the credits needed to be admitted to the final exam both at the University of Bologna and at the Tongji University, after four and five semesters, respectively.

#### ***2. Curriculum for the Double Degree Master program in Telecommunications Engineering***

As specified in Annex 1, the Master degree study duration in Tongji University is 2.5 years (5 semesters), while the Master degree study duration in Bologna University is 2 years (4 semesters).

According to both curricula, the teaching plan for the double-degree program is defined as follows:

##### **(1) First year**

Students both from Tongji and Bologna University accomplish the courses in Bologna, given in English, according to the requirements of Master Degree in Telecommunications Engineering of Bologna University, see Table 1.

Bologna University will grant all students, upon completion of the year, the credits equivalent to the first year of the Master Degree in Telecommunications Engineering in Bologna.

Tongji University will recognize to all students, upon completion of the year, the credits equivalent to the first year of the Master degree in Electronics Information in Tongji University.

Table 1: Courses delivered at Bologna University in the first year of study; “T” is Tongji credits, “B” is Bologna credits.

FIRST YEAR IN BOLOGNA												
Double Degree Master Program in Telecommunications Engineering												
	1st semester					2nd semester						
	T	B	Hours	SSD	Tipologia	T	B	Hours	SSD	Tipologia		
1 <sup>st</sup> year in Bologna	Electromagnetic Propagation for Wireless Systems M (等效同济课程: 电波传播特征分析, 2080425, 2学分)	2	9	90	ING-INF/02	B	Communication Theory and Coding M (等效同济课程: 现代编码理论, 2080432, 2学分)	2	6	60	ING-INF/03	B
	Communic. Systems: Theory and Measurements M (等效同济课程: 车联网通信与信息处理, 2080416, 2学分)	2	9	90	ING-INF/03	B	Mobile Radio Networks M (等效同济课程: 宽带无线通信, 2080321, 2学分)	2	6	60	ING-INF/03	B
	Network Design M (等效同济课程: 通信网体系与协议, 2080320, 2学分)	2	6	60	ING-INF/03	B	Antennas for Wireless Systems M (等效同济课程: 智能数据处理及应用, 2080433, 2学分)	2	6	60	ING-INF/02	B
	Mathematical Methods M (等效同济课程: 数值分析, 2102002, 3学分)	3	6	60	MAT/05	C	Optical Fiber Systems M (等效同济课程: 凸优化理论与应用, 2080428, 2学分)	2	6	60	ING-INF/02	B
							Trends in communications M	2	3	30		F
							Creativity and Innovation M	2	3	30		F
	9	30	300			12	30	300				

## (2) Second year

Students both from Tongji and Bologna University accomplish the courses in Tongji University, given in English, according to the plan shown in Table 2. Since changes to some courses are possible, equivalent courses will be agreed by the managers of the Master degrees in Telecommunications Engineering in Bologna and of Electronics Information in Tongji University.



Students must accomplish these courses, delivered in English, and all credits are exchanged according to the above course list.

Tongji University will grant all students, upon completion of the year, the credits equivalent to the second year of the Master degree in Electronics Information in Tongji University.

Bologna University will recognize to all students, upon completion of the year, the credits equivalent to the second year of the Master Degree in Telecommunications Engineering in Bologna.

Table 2: Courses delivered at Tongji University in the second year of study; “T” is Tongji credits, “B” is Bologna credits .

SECOND YEAR IN SHANGHAI												
Double Degree Master Program in Telecommunications Engineering												
2nd year in Shanghai	1st semester					2nd semester						
	T	B	Hours	SSD	Tipologia	T	B	Hours	SSD	Tipologia		
	同济课程必修: 同济高等讲堂 (Tongji University Advanced Lectures for Graduate Students), 2900012, 2学分 (学院8次, 学校8次, 共16次)	2				Compulsory courses - F	同济课程必修: Thesis proposal (论文选题 2900002 1学分)	1	3	30		Compulsory courses - F
	同济课程必修: 中期考核 (Interim Assessment) 2900013	0	0	0		Compulsory courses - F	Physical-Layer Security Theory for Wireless Communications (同济课程: 无线通信物理层安全理论, 20002440002, 2学分)	2	6	60		C
	Choose one exam from table B	2	6	60		B	同济课程必修: 工程伦理学 (Engineering Ethics), 2020578, 2学分	2	3	30		Compulsory courses - F
							同济课程必修: Code of Academic Integrity (研究生学术行为规范 2900011 1学分)	1		30		Compulsory courses - F
	Internet of Things Applications and Data Analytics (同济课程: 物联网应用与数据分析, 20002440001, 2学分)	2	6	60		B						
	同济课程必修: Full-time specialized field practice全日制专业实践 2900007 6学分	6	12			Compulsory courses - D	Thesis			24		E
		12	24	120				6	36	150		
	Table B - Choose one of the following exams											
	Advanced Engineering Electromagnetics (同济课程: 高级工程电磁学, 2080389, 2学分)	2	6	60		B	The Methods of Adaptive Signal Processing (同济课程: 现代信号处理, 2080341, 2学分)	2	6	60		B

The Master degree in Telecommunications Engineering of Bologna University can be granted upon completion of the courses listed in Table 1 and Table 2.

### (3) Fifth semester

According to the Chinese rules, the Master degree program in Tongji University has a duration of five semesters.

Students from Bologna University applying for the Master degree in Electronics Information in Tongji University must attend an additional period equivalent to a semester in Shanghai, attending courses in Chinese culture and language for a total of 6 credits as shown in Table 3, and pass the final defense of master thesis. Students from Tongji University must attend the fifth semester in Tongji University, attending courses as established in the Master degree in Electronics Information in Tongji University.

For both the groups of students, the master thesis prepared during the second year is also required in order to apply for the master degree of Tongji University.

Table 3: Courses delivered at Tongji University in the fifth semester of study for students of Bologna and Tongji University; “T” is Tongji credits, “B” is Bologna credits.

Double Degree Master Program in Telecommunications Engineering (for Italian students)										
5th semester in Shanghai	1st semester					2nd semester				
	T	B	Hours			T	B	Hours		
	同济课程留学生必修: Elementary Chinese (第一外国语(汉语) 2070100 3 学分)	3	4		Compulsory courses					
	同济课程留学生必修: Chinese history and culture (中国概况 2900006 3学分)	3	5							
	6	12				0	0			

Double Degree Master Program in Telecommunications Engineering (for Chinese students)										
5th semester in Shanghai	1st semester					2nd semester				
	T	B	Hours			T	B	Hours		
	英语学术文献阅读与翻译, 2090305, 1.5学分	1.5	2							
	学术英语写作II, 2090306, 1.5学分 (中国特色社会主义理论与实践研究 2260005 2学分)	1.5	2							
	5	12				0	0			

Please be noted:

- 1) It requires 34 credits to get Tongji Master Degree.
- 2) "Engineering Ethics" and "Tongji University Advanced Lectures for Graduate Students" and other public courses and compulsory courses should be completed in Tongji University.

For students of Bologna University, the Master degree in Electronics Information in Tongji University can be granted upon completion of the courses listed in Table 1, Table 2 and Table 3.

For students of Tongji University, the Master degree in Electronics Information in Tongji University can be granted upon completion of the courses listed in Table 1, Table 2 and additional educational activities as required by the Master degree in Electronics Information in Tongji University.

Table 4: Correspondence tables between the courses delivered at Tongji University and at Bologna University

FIRST YEAR IN BOLOGNA AND TONGJI						
	Courses at UNIBO	Hours	B	Courses at TONGJI	T	B
	<b>Compulsory courses</b>					
42 CFU	Electromagnetic Propagation for Wireless Systems M	90	9	<b>Advanced Digital Signal Processing</b>	2	9
	Communic. Systems: Theory and Measurements M	90	9	<b>Introduction of communication and information processing for Internet of vehicles</b>	2	9
	Network Design M	60	6	<b>Communication Networks: Architecture and Protocols</b>	2	6
	Mathematical Methods M	60	6	<b>Numerical Analysis</b>	3	6
	Communication theory and Coding M	60	6	<b>Theory of Error-correction Codes</b>	2	6
12 CFU	Mobile radio Networks M	60	6	<b>Broadband Wireless Communication</b>	2	6
	Antennas for wireless systems M	60	6	<b>Intelligent Signal Processing and Applications</b>	2	
	Optical Fiber Systems M	60	6	<b>Convex optimization theory and Applications</b>	2	
	<b>Type F</b>					
6 ECTS	Creativity and Innovation M	30	3			3
	Trends in communications M	30	3			3
SECOND YEAR IN BOLOGNA AND TONGJI						
	Courses at UNIBO	Ho	B	Courses at TONGJI	Ho	B

		ur		ur	
	<b>Choose 12 ECTS (2 courses)</b>			<b>Choose two courses</b>	
12 ECTS	Multimedia Services and Applications M	60	6	<b>The Methods of Adaptive Signal Processing</b>	2 6
	Satellite Communication and Navigation Systems M	60	6	<b>Information Theory and Applications</b>	2 6
	Wireless Sensor Networks M	60	6	<b>Internet of Things Applications and Data analytics</b>	2 6
	Radioprotection and spectrum management M	60	6	<b>Advanced Engineering Electromagnetics</b>	2 6
	<b>Mandatory</b>			<b>Mandatory</b>	
3 ECTS	Project management and soft skills M	30	3	<b>Tongji University Advanced Lectures for Graduate Students</b>	2 3
				<b>Thesis proposal</b>	1
				<b>Code of Academic Integrity</b>	1
				<b>Interim Assessment</b>	
				<b>Type C</b>	
6 ECTS	High Frequency Electronic Circuits M	60	6	<b>Physical-Layer Security Theory for Wireless Communications</b>	2 6
	<b>Choose 3 ECTS (1 course)</b>			<b>Type D and F</b>	
3 ECTS	Prot. and Arch. for Space Networks M	30	3	<b>Chinese Language</b>	3 3
	SW Development M	30	3	<b>A General View of China</b>	3
	Laboratory of High Frequency Electronic Circuit Design M	30	3	<b>Engineering Ethics</b>	2
	<b>Choose 12 ECTS/2 courses (not chosen before)</b>				
12 ECTS	Type D courses	120	12	<b>Full-time specialized field practice</b>	6 12
	<b>Mandatory</b>			<b>Mandatory</b>	
24 ECTS	Thesis		24	Thesis	24

Any amendment to the tables included in the Annex 2 will be agreed between the Parties through an Official Note.