

**APPENDICES  
TO THE IMPLEMENTATION AGREEMENT**

Concerning the organization of the organization of the  
Master's degree in Science, technologies, health specializing in telecommunication networks  
Telecommunications and Networks (MR14602A) International Program  
Between the HUST University and the Cnam

**APPENDIX 1: PROGRAM for the 1<sup>st</sup> year of Master Program in Telecommunications Engineering  
at the HUST (acknowledged by the Cnam)**

Students study total 30 credits (**60 ECTS equivalent**) for the first year of the Master program in Telecommunications Engineering at HUST. The program includes 12 credits of transfer courses from Bachelor program, 10 credits of compulsory courses, and 8 credits of elective courses. The following table gives the list of the courses.

<b>Program for 1<sup>st</sup> year master courses at HUST (30 credits)</b> (Students study one of three specialized modules)							
<b>Communication Engineering</b>			<b>Aerospace Engineering</b>		<b>Electronic</b>	<b>Multimedia Engineering</b>	
No.	Course name	Credits	Course name	Credits	Course name	Credits	
<b>Transfer courses from HUST's Bachelor program (12 credits)</b>							
<b>Compulsory courses (10 credits)</b>							
1	Communication Networks	2	Aeronautical communication network	2	Digital Image Processing	2	
2	Philosophy	3	Philosophy	3	Philosophy	3	
3	Research Methodology	2	Research Methodology	2	Research Methodology	2	
4	Research project 1	3	Research project 1	3	Research project 1	3	
<b>Elective courses (8 credits)</b>							
5	Microwave engineering	2	Navigation and air traffic management	2	Computer graphics	2	
6	Telecom Network Planning and Management	2	Satellite Navigation	3	Digital media production and presentation engineering	2	
7	Mobile Communications	2	Microwave engineering	2	Multimedia information systems	2	
8	Satellite communications	2	Satellite communications	2	Virtual reality and augmented reality	2	
9	Optical Fiber Communication	2	Remote sensing and GIS	3	Audio signal processing	2	