ANNEX C - REQUIREMENTS TO OBTAIN THE DOUBLE DEGREE

To get the double degree, students must follow one of the following study plan templates. Each study plan must be approved by the two Universities.

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| **FIRST YEAR AT UNIPI** | **63** | **sem** |
| Advanced Algoritms | 9 | I |
| Advaced Programming | 9 | I |
| Priciples of programming languages | 9 | I&II |
| Numerical Methods and Optimization | 12 | I&II |
| Advanced Databases | 9 | II |
| Computing Models | 9 | II |
| 6 ECTS from one of the following:* Business organization2
* Business Intelligence and Performance Management
* Logistics
 | 6 | I / II |
| **SECOND YEAR AT PARIS OUEST** | **57** | **sem** |
| Advanced Database Systems | 3 | I |
| Data Integration and business intelligence | 3 | I |
| Agile Information Systems II | 3 | I |
| Distributed programming: object, components, services | 6 | I |
| Information Security Systems  | 3 | I |
| Information systems managements | 3 | I |
| Numerical economy and law | 3 | I |
| E-business | 1,5 | I |
| Entrepreneurship and Business Creation | 1,5 | I |
| Information System Projet | 3 | II |
| Programming for Mobile Devices | 3 | II |
| Internship  | 24 | II  |

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| **FIRST YEAR AT PARIS OUEST** | **60** | **sem** |
| Database management system | 3 | I |
| Network operating systems | 6 | I |
| Object-oriented programming | 3 | I |
| Object-oriented systems: conception and modelisation | 6 | I |
| Web programming | 3 | I |
| Financial Management | 3 | I |
| Marketing and technology | 3 | I |
| Business communication | 1,5 | I |
| English 1 | 1,5 | I |
| Agile information systems I | 3 | II |
| Project I | 4,5 | II |
| Combinatorial optimization | 3 | II |
| Statistics | 3 | II |
| Project management | 3 | II |
| Human resources management and informat.systems | 1,5 | II |
| Business simulation | 1,5 | II |
| English 2 | 1,5 | II |
| Internship | 9 | II |
| **SECOND YEAR AT UPI** | **60** | **sem** |
| Distributed systems | 9 | I |
| 6 ECTS from the set of subsidiary courses\* | 6 | I / II |
| 12 ECTS of “free choice” courses\* | 12 | I / II |
| Advanced databases | 9 | II |
| Internship | 24 | I / II |

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|  |  | *\* 12 of these 18 ECTS should preferrably cover also business management aspects.* |