SAPIENZA
UNIVERSITÀ DI ROMA

ORGANIZATION OF THE POST-MASTER

Art. 1 – General information

1	**Name**	Ingegneria delle Infrastrutture e dei Sistemi Ferroviari
2	**Name in English**	Railway Infrastructure and Systems Engineering
3	**Level**	Second (one-year post-master course)
4	**Department**	Civil, Building and Environmental Engineering
5	**Faculty**	Civil and Industrial Engineering
6	**Master Code**	04587
7	**Thematic area**	Science and technology area
8	**Type**	University
9	**Possible institutional partner structures**	-
10	**Venue of teaching activities**	Rome
11	**Duration**	
12	**CFU (ECTS)**	60

Article 2 - Educational Information

13	**Learning objectives**	The Post-Master's programme provides learners with a multidisciplinary scientific specialisation in the field of rail transport and mobility as a whole, in order to enable participants to acquire knowledge that can be used to meet the needs of administrations, railway companies, engineering companies, research centres and businesses and industries operating in the sector.
14	**Expected Learning Outcomes**	The aim of the Post-Master's programme is to enable participants to acquire a systemic view of the rail transport sector and mobility as a whole through multidisciplinary scientific training, which mainly integrates engineering aspects, but also legal and economic aspects, underlying the planning, design, operation and maintenance of transport systems.

15	**Minimum number**	10
16	**Maximum number**	35
17	**Eligible auditors**	Yes
18	**Single Courses**	1. Principles of Railway Engineering 2. Track and Fixed Installations 3. Traction Systems and Vehicles Design 4. Infrastructures Design 5. Traffic Management and Control 6. Safety Management 7. Passenger and Freight Terminals 8. Freight Transport and Logistics 9. Service Planning and Quality 10. Planning and Construction of Urban Railways 11. Environmental Impacts Assessment 12. Project Assessments ad Economy
19	**Obligation to Attend**	75%
20	**Language of delivery**	English

Article 3 - Sources of Funding for the Post-Master's Course

21	**Entry fee**	€ 3.000,00
22	**Articulation of payment**	single instalment