



UNIVERSITÀ
DI PISA

HSEQ MASTER

Marco Satta

Master in Management Systems in Energy Transition
and Digitalisation for Sustainable Development



PURPOSE

The HSEQ “Marco Satta” Master is a first-level postgraduate programme jointly developed by the **University of Pisa, the Quinn Consortium, and Saipem**. Its objective is to develop **high-potential, high-performing young HSEQ professionals** with focus on EPC processes by combining advanced **technical expertise** with **managerial and behavioural competencies**. The programme leverages both academic excellence and Saipem’s extensive international experience as a leading company in the energy and infrastructure sectors. Over the years, Saipem has designed and implemented **innovative HSEQ programmes**, successfully applied across diverse global contexts.



The Master places strong emphasis on **energy transition and digitalisation**, equipping participants with the competencies required to address current and future industry challenges.

Now in its fourth edition, the programme is being opened for the first time to external companies, with the aim of offering a **highly transferable and cross-sector learning journey**, relevant across different industries.



PROGRAMME STRUCTURE

The Master takes place in Milan (Italy) from November to May and hosts a highly selective cohort of up to 25 participants.

The faculty includes **university professors** alongside **senior Saipem managers**, ensuring a balanced and practical learning approach.

The programme is structured into two main phases:

✓ **CORE PHASE**

common to all participants

✓ **SPECIALISATION PHASE**

tailored to one of three tracks:

- Quality
- Environment
- Health & Safety

Each phase is organised into modules, with **assessments at the end of each module** conducted by the academic faculty.

The programme concludes with a **Project Work**, during which participants apply their knowledge to real-world challenges. The final examination consists of the presentation of the project results before a board composed of representatives from:

- University of Pisa
- Quinn Consortium
- Saipem

CORE MODULES

- Team building and multicultural diversity
- Communication and effective presentation skills
- Saipem Leadership in Health & Safety (LiHS) Methodology
- Conventional and renewable energy
- Sustainable infrastructures
- HSEQ management systems
- Saipem HSEQ management system
- Technical fundamentals for HSE professionals
- Principles of technical safety
- Quality management, control and tools
- Environmental management, energy efficiency, GHG management
- Contract and project management
- Smart maintenance and emerging technologies
- Sustainability
- Lead Auditor course (ISO 19011)

SPECIALISATION TRACKS

Environment

- NEBOSH Environmental Certificate
- ISO 14001 Auditor Course
- Wastewater treatment
- Air quality modelling and impact assessment
- Oil spill impact assessment and simulation
- Groundwater and soil remediation
- Noise impact assessment

Quality

- ISO 9001 Auditor Course
- Scrum and Agile Project Management
- Lean Six Sigma

Health & Safety

- NEBOSH Health and Safety Diploma
- ISO 45001 Auditor Course





ENTRY REQUIREMENTS

- English proficiency: C1 level
- Bachelor's or Master's degree in relevant fields such as:
 - Engineering
 - Chemistry
 - Geology
 - Sciences
 - Environmental Sciences
- Short experience in HSEQ preferred

MORE INFO

Applications are managed through the Quinn Consortium.

For more info contact segreteria@didattica@consorzioquinn.it

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The Master is named in honor of our late HSEQ Director, Marco Satta, whose legacy of integrity, vision, and human leadership continues to shape our culture. This programme embodies Marco's profound belief in nurturing young talent and investing in the generations of tomorrow.

