List of available courses

**Architecture (Conservation)**
**Master’s Degree** - Taught in English - Duration (Years): 2
A.Y. 2020-2021

[NON-EU Students] Applications open from 15/12/2019 to 15/06/2020
[EU Students] Applications open from 15/12/2019 to 15/09/2020

The Masters Degree’s revolves around the themes linked to interventions on the existing architectural and environmental heritage. The specific objective of the Masters Degree is the achievement of a peculiar sensibility and ability related to the modalities of intervention on pre-existing architectural and environmental heritage, and to the quality design of new architecture, taking into account the relationships with the pre-existent and the historical city. The Master's Degree builds up on the skills acquired in the Undergraduate Degree, enhancing them to a specialist’s level, with particular reference to:

a) the historical-critical analysis of architecture, in its broadest sense (from the single manufacture to landscape and environment);

b) the ability to plan and execute, both with reference to modern architectural production and to the conservation and recovery of pre-existing structures;

c) specific scientific knowledge, acquired critically.

Programme's website:
https://sites.google.com/uniroma1.it/architectureconservation/home
https://corsidilaurea.uniroma1.it/en/corso/2019/29846/home

More info:
architectureconservation@uniroma1.it

**Artificial Intelligence and Robotics**
**Master’s Degree** - Taught in English - Duration (Years): 2
A.Y. 2020-2021

[NON-EU Students] Applications open from 28/11/2019 to 15/04/2020
[EU Students] Applications open from 28/11/2019 to 15/09/2020

The aim of the Master in Artificial Intelligence and Robotics is offering students the ability to interact with professional workers in Computer Science, Artificial Intelligence, Robotics, Mechanical, Electronics and Control Engineering and with professional users of the involved application areas such as the ones which need the representation and the use of knowledge or sensorial information, automatic machine learning, real time planning, industrial robotics and services, video and pictures detection and simulation and human-computer interaction.

Career opportunities: 1. Design and realization of robotic systems for service and industrial applications, specifically for security, space, home, elderly people, medicine; 2. Design and realization of intelligent systems as knowledge management systems and big data extractions, graphic systems and animation, for cinema and videogames industries, video surveillance systems and video systems for assuring the quality of products and services.

More info:
admissions@diag.uniroma1.it

**Chemical Engineering**
**Master’s Degree** - Taught in English - Duration (Years): 2
A.Y. 2020-2021
The curriculum “Chemical Engineering for Innovative Processes & Products” of the MSc in Chemical Engineering provides the student with a solid preparation and specialized knowledge in the fundamental theoretical and industrial aspects of chemical processes and operations and of materials technology. The particular focus is on micro/nano-scale aspects and on reduced environmental impact in the different application areas of (i) design, management and control of innovative industrial processes and plants; (ii) design and management of industrial processes for the sustainable production and processing of traditional and innovative materials; (iii) management of pollution prevention, environmental protection, and safety in process plants where substances are handled or produced.

More info:
master.chemicalengineering@uniroma1.it