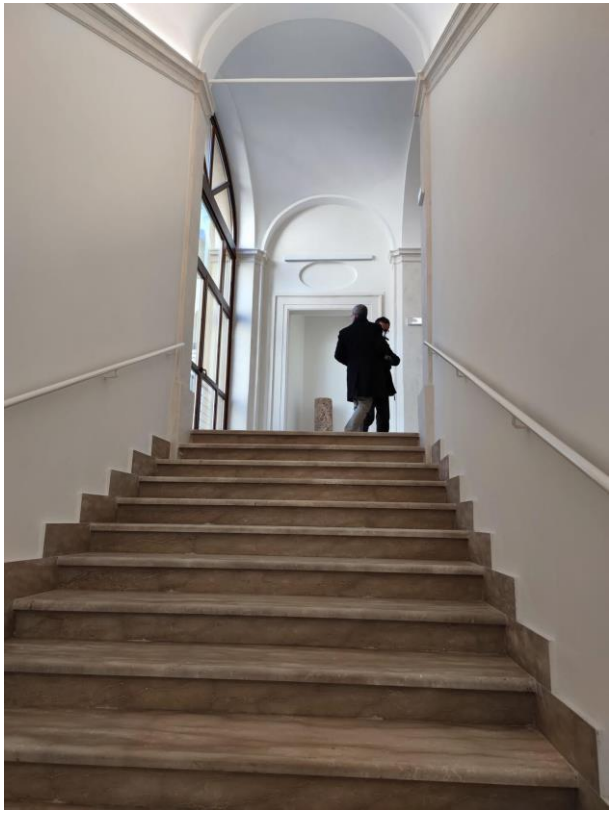
Master of Environmental and Sustainable Building Engineering

General presentation and requirement verification

SAPIENZA
UNIVERSITÀ DI ROMA

General info on the Master



Programme code: 30842

Test code: 30842

Faculty: Ingegneria Civile e Industriale (Civil and Industrial Engineering)

Department: Department of Civil, Building and Environmental Engineering (Dipartimento di Ingegneria Civile, Edile e Ambientale)

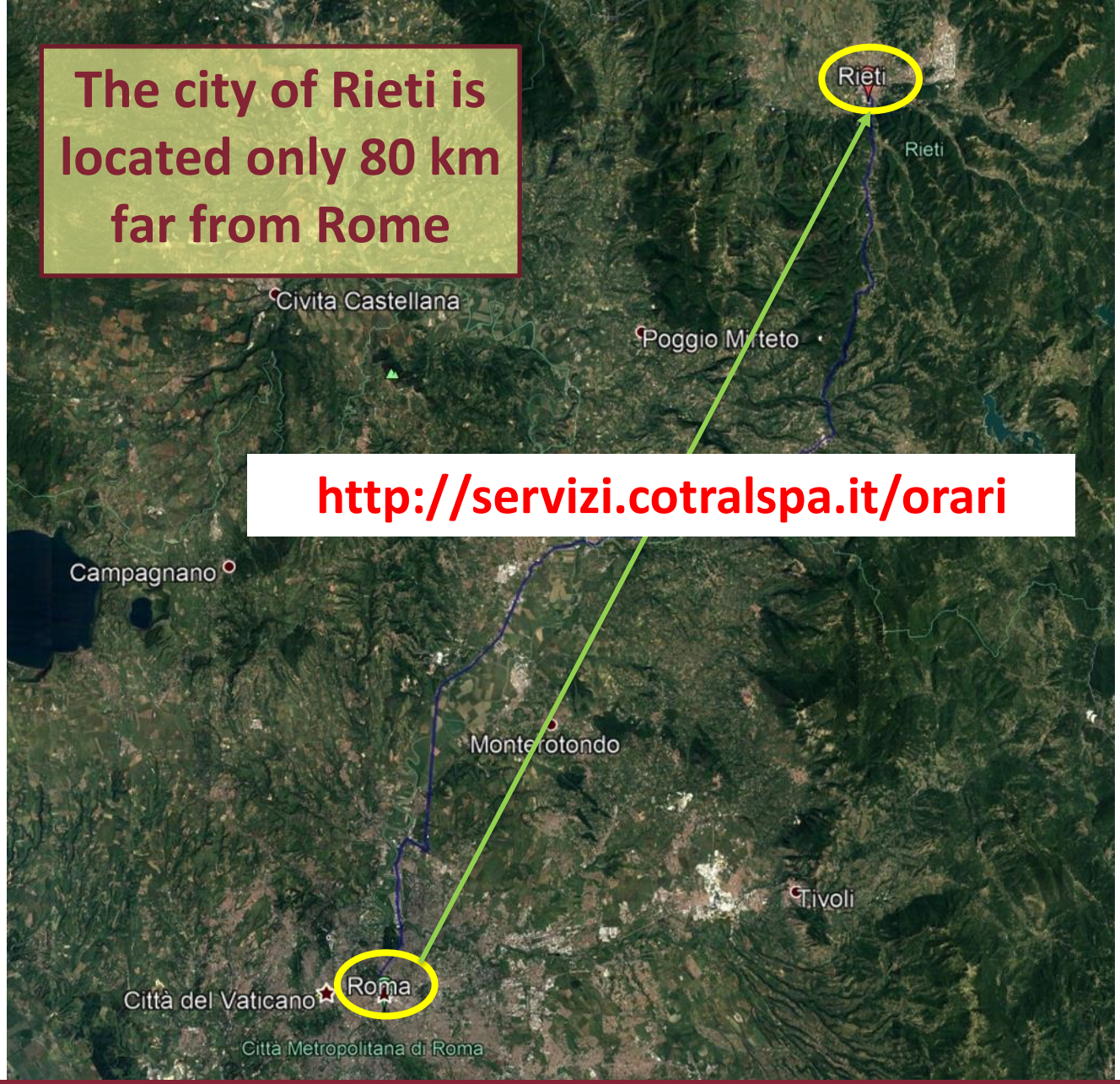
Duration: 2 years

Degree code: LM24

Degree: Master (Laurea Magistrale)

Dean and Academic Coordinator: Prof. Agostina Chiavola

https://corsidilaurea.uniroma1.it/en/corso/2024/30842/home


The city of Rieti is located only 80 km far from Rome
Rieti
Rieti
Civita Castellana
Poggio Mirteto
http://servizi.cotralspa.it/orari
Campagnano
Monterotondo
Tivoli
Città del Vaticano
Roma
Città Metropolitana di Roma

City of Rieti

Location:
Rieti, Palazzo Aluffi, Via Cintia 106

- 12 classrooms with videoconference system
- 2 laboratories for teaching activities
- 1 secretary office

Useful links

- **For didactic issues:**

➢ **Secretary in Palazzo Aluffi**

email: segreteriadirieti@uniroma1.it

➢ **Dean and Coordinator, Prof. Agostina Chiavola:**

email: agostina.chiavola@uniroma1.it

➢ **2 Delegates of students:**

- **For administrative problems:**

email: segrstudenti.ingegneria@uniroma1.it

- **For VISA problem and past career validation (DOV):**

email: https://www.uniroma1.it/en/pagina/international-admissions-0

email: https://www.uniroma1.it/it/pagina/segreteria-studenti-con-titolo-straniero

email: studentistranieri@uniroma1.it

Info on classes and attendance

- Classes of the first semester start on **September, 2024**;
- All the activities (i.e. classes, exams, meetings, etc.) are held **only in presence**;
- Due to a delay in the enrollment process, the students who are unable to be regularly enrolled by the beginning of the **first semester are allowed to attend online** or using materials made available online by the Professors.

Info on classes and attendance

1) Attendance at the classes is **not mandatory** although **strongly recommended**.

2) Entrance to the class is **admitted not later than 15 minutes** after the official beginning time.

3) **Mobile phone must be switched off** during class.

4) **Copying during exams is not permitted:** students found copying will be expelled and will be unable to participate to the next exam session.

Academic calendar 2024/2025

Classes term	Start	End
I	September,	December
II	February	May

Ordinary exam session	Start	End
I and II	January	February
III and IV	June	July
V	September	September

Extraordinary exam session	Start	End
Autumn	October	November
Spring	March	April

Class organization

- Each class will be **organized** into lectures, practical exercises, workshops, group work and any other activity that the professor considers useful.
- For each class, **learning level evaluation** will take place through an **exam** (E) consisting of spoken or written tests on the class programme as set out by the professor and published on the website www.uniroma1.it, Faculty of Civil and Industrial Engineering.

Abroad programs

- For any information on **Erasmus Program**, refer to: *https://www.uniroma1.it/en/pagina/erasmus-call-studies-2023-2024*

- **Double Degree with the Master's Degree** in Civil Engineering of the College of Civil Engineering and Architecture of Zhejiang University, China

- **Student Exchange Agreement between Sapienza University of Rome and the UNIVERSIDADE ESTADUAL DE CAMPINAS (BRAZIL)**

➢ But remember: the programme to carry out abroad must be previously approved by the Board in order to ensure the correspondance of the classes and ECTS taken abroad with those of the approved plan of study.

Study programme

Ist Year

Subject	SSD	ECTS	Exam	Semester	Activity
Remote sensing and GIS Prof. Carla Nardinocchi carla.nardinocchi@uniroma1.it	ICAR/06	9 (6+3)	E	1	B
Digital modeling for architecture Prof. Maria Laura Rossi marialaura.rossi@uniroma1.it	ICAR/17	9	E	1	B
Water and solid waste treatment plants	ICAR/03	9	E	2	B
Building design and H-BIM for Architectural renovation	ICAR/10	9 (6+3)	E	2	B

B: Mandatory

Study programme

IInd Year

Subject	SSD	ECTS	Exam	Semester	Activity
Structural dynamics	ICAR/08	9	E	1	B
Foundation and earth retaining structures	ICAR/07	9	E	2	B

9 ECTS FROM THE FOLLOWING OPTIONAL SUBJECTS B

Subject	SSD	ECTS	Exam	Semester	Activity
Seismic design	ICAR/09	9	E	2	B
Innovation materials for structural design	ICAR/09	9	E	2	B

Study programme

9 ECTS FROM THE FOLLOWING OPTIONAL SUBJECTS C

Subject	SSD	ECTS	Exam	Semester	Activity
Urban health and sustainable Transport	MED/42 ICAR/05	9 (6+3)	E	2	
Hydraulic infrastructures	ICAR/02	9	E	2	C
Groundwater management	GEO/05	9	E	2	C
Bioclimatic design	ING-IND/11	9	E	2	C
Architectural engineering for sustainable buildings and environment	ICAR/10	9	E	1	C

Study programme

12 ECTS FROM THE FOLLOWING OPTIONAL SUBJECTS C

Subject	SSD	ECTS	Exam	Semester	Activity
Architectural design for sustainable building	ICAR/14	6	E	1	C
Environmental and Urban Planning	ICAR/20	6	E	2	C
Project financing	ING-IND/35	6	E	1	C
Environmental Hydraulics	ICAR/01	6	E	2	C
Advanced design for sustainable building components	ICAR/10	6	E	2	C
Advanced processes and technologies for water sustainability	ICAR/03	6	E	2	C

Study programme

OTHER ACTIVITIES

Activity	ECTS	Exam	Semester	Activity
Elective course 6 cfu Elective course 9 cfu	15 (6+9)	E	1/2	D
Other educational activities to facilitate entry to the labour market	3	E	1/2	AAF
Final test (THESIS)	18	E	2	AAF

Curricula requirements

The **Plan of Study** can be presented by the student **only once every year** (therefore **2 times as maximum**) and **after completing the enrollment process.**

It can be filled with the help of the didactic secretary which will also allow the student to include the recommended classes for curricula requirements compliance.

The students can contact the Professor or the website to see the program, content and evaluation mode of the class before filling the Plan of Study.

WELCOME TO OUR MASTER COURSE!

WE ARE LOOKING FORWARD OF SEEING YOU IN RIETI!