

RICCARDO MARIA POLIDORO

Napoli (NA), IT

Student in the single-cycle degree course in Building Engineering – Architecture, with experience in cultural heritage and a propension for its protection, fueled by a passion for Architectural History. I am currently making a rapid progress in my course, with excellent results and an eagerness for new experiences and acquisition of new skills. By virtue of the laboratorial environment of the course, I have managed to deal with team working and team leadership in numerous occasions, dealing with high-stress situations with precision and a professional but sympathetic attitude.

Since I was very young, when faced with dichotomy or duality, I have always answered: "why not both?". To this day, I tend to pursue the best results in my work, without neglecting any aspect of design and planning and striving to create synergic connections between different (frequently autonomous and specifically tailored) solutions to the typical problems in architecture and engineering.



STUDENT REPRESENTATIVE CAREER

DECEMBER 2023 - PRESENT

MEMBER OF THE UNIVERSITY EVALUATION COMMITTEE

UNIVERSITÀ DEGLI STUDI DI NAPOLI "FEDERICO II"

JULY 2023 - PRESENT

MEMBER OF THE UNIVERSITY STUDENT COUNCIL

UNIVERSITÀ DEGLI STUDI DI NAPOLI "FEDERICO II"

- Appointed secretary of said council on the 20th of September 2023.
- Member of the 800 years commission since October 2023.
- Member of the didactic commission since October 2023.

JANUARY 2020 – PRESENT

STUDENT COHORT REPRESENTATIVE

DEPARTMENT OF CIVIL, BUILDING AND ENVIRONMENT ENGINEERING (DICEA)

Single-cycle master's degree course in Building Engineering – Architecture (LM-4)

- Coordination role within the degree course, which aims to create a definite link between professors and students within the courses of a single academic year.

JULY 2021 – JULY 2023

STUDENT REPRESENTATIVE IN THE POLYTECHNIC AND BASIC SCIENCES SCHOOL COUNCIL

UNIVERSITÀ DEGLI STUDI DI NAPOLI "FEDERICO II"

APRIL 2022 – JULY 2023

800 YEARS ANNIVERSARY COMMITTEE MEMBER

UNIVERSITÀ DEGLI STUDI DI NAPOLI "FEDERICO II"

JULY 2021 – JULY 2023

STUDENT REPRESENTATIVE IN THE RIEXAM GROUP

DEPARTMENT OF CIVIL, BUILDING AND ENVIRONMENT ENGINEERING (DICEA)
Single-cycle master's degree course in Building Engineering – Architecture (LM-4)

JULY 2021 – JULY 2023

STUDENT REPRESENTATIVE IN THE DIDACTIC COORDINATION COMMISSION

DEPARTMENT OF CIVIL, BUILDING AND ENVIRONMENT ENGINEERING (DICEA)
Single-cycle master's degree course in Building Engineering – Architecture (LM-4)

JULY 2021 – JULY 2023

STUDENT REPRESENTATIVE IN THE DEPARTMENT COUNCIL

DEPARTMENT OF CIVIL, BUILDING AND ENVIRONMENT ENGINEERING (DICEA)

SEPTEMBER 2020 – JULY 2021

STUDENT REPRESENTATIVE IN THE PARITHETIC COMMISSION

DEPARTMENT OF CIVIL, BUILDING AND ENVIRONMENT ENGINEERING (DICEA)

WORKSHOPS AND INSIGHTS

JUNE 2023 – NOVEMBER 2023

RECUBE – RETHINK, REVIVE, REUSE

POLITECNICO DI MILANO

In this masterclass, I was introduced to the latest advances in BIM for cultural heritage, discovering new methodologies and ontologies. I was then able to test the skills I acquired by collaborating with and leading a team of 8 students from universities from varying parts of the world, tackling the theme of the refunctionalisation and restoration of Pavilion C (now Pavilion 3) of Pier Luigi Nervi's *Torino Esposizioni* complex. In a further module, I had the opportunity to learn various technologies and methodologies for the restoration of modern and heritage reinforced concrete buildings, studying the various phenomena of degradation of the material (also as a result of fire), the various technologies for analysis and monitoring, and various possible interventions.

The group work will be exhibited at the Laboratorio Nervi in Lecco during the New European Bauhaus Festival 2024 satellite event, titled *The initiatives of the Laboratorio Nervi: a showcase of European students innovations in the regeneration of 20th century concrete architecture*.

APRIL 2022

GIORNATE DI STUDI AL CASTELLO DI ISCHIA - CONOSCENZA, COMUNICAZIONE E VALORIZZAZIONE.

DEPARTMENT OF CIVIL, BUILDING AND ENVIRONMENT ENGINEERING (DICEA)

During this experience I managed to learn about the latest advancements in architectural survey techniques, in research and in restoration on some of the heritage sites of the *Insula Minor*, such as the Cattedrale di Santa Maria dell'Assunta and its crypt. Furthermore, during the event I participated in an international workshop on freehand sketching techniques for effectively scaled and realistic perspective drawings.

FEBRUARY 2022 – APRIL 2022

BUILDING A EUROPEAN SENSE OF IDENTITY THROUGH KNOWLEDGE AND SUSTAINABLE MANAGEMENT OF CULTURAL HERITAGE

UNIVERSIDAD DE ALCALÀ

According to the goals of the EU Research and Innovation Programme, this international masterclass contributed to developing a better awareness and understanding of European Cultural heritage. The course fostered a critical practice approach to that Cultural Heritage in various European countries and formed an open and enterprising perspective on the theme.

NOVEMBER 2021

TECNICHE INTEGRATE DI RILIEVO 3D. ESPERIENZE NEL CASTELLO D'ISCHIA.

DEPARTMENT OF CIVIL, BUILDING AND ENVIRONMENT ENGINEERING (DICEA)

In this workshop, I operated a laserscanner and a total station to elaborate a digital architectural survey, integrated with photogrammetric surveys to convey a more precise colorimetric restitution of the site. Through these activities I managed to elaborate a scaled 3D virtual model of a room in the "Cimitero delle Monache", located in the Castello Aragonese of Ischia, and produced plans and sections of the site.

SEPTEMBER 2020

IGIENE IN EDILIZIA

DEPARTMENT OF CIVIL, BUILDING AND ENVIRONMENT ENGINEERING (DICEA)

The specialisation course helped me in developing an accurate risk assessment and health awareness linked to the built environment, proposing interesting approaches in seeking optimal strategies to preserve health and to promote the necessary conditions to guarantee quality and safety in residential and work environments.

EDUCATION

2019 - PRESENT

SINGLE-CYCLE MASTER'S DEGREE COURSE IN BUILDING ENGINEERING-ARCHITECTURE (LM-4)

UNIVERSITÀ DEGLI STUDI DI NAPOLI "FEDERICO II"

- Active member of *ASSI Ingegneria* (October 2020 – Present, head of the education board since December 2022) and *Confederazione degli Studenti* (April 2021 – Present), student representative associations.
- Students' representative in various collegiate bodies.
- Graphic design and brand identity delineation for *ASMATH_UniNA*, mathematics student representative association (January 2022) and *AsChEM_Unina*, chemistry student representative association (September 2022).
- Awardee of the *Buon Compleanno Federico II* award for excellence within the *cursus studiorum* (June 2022).
- Current weighted average: 29.659/30

FEBRUARY 2024

STUDENT TRAINEE

DEPARTMENT OF STRUCTURES FOR ENGINEERING AND ARCHITECTURE (DIST)

- Internship in structures for tall buildings.
- Acquisition of knowledge in health and safety in the work environment.
- Acquisition of professionalizing skills and scientific research methodologies in the area of tall building structures, with a focus on emerging design issues reported by various specialized bodies, including the Council on Tall Buildings and Urban Habitat (CTBUH).

2014 - 2019

SCIENTIFIC HIGH SCHOOL

LICEO SCIENTIFICO STATALE "G. MERCALLI" – NAPOLI (NA)

- Promotor and/or graphic designer of various initiatives in sustainable development such as the *Bike Parking* project, a collaborative experience in the Comune di Napoli between ANM and car garages to guarantee surveilled, low-priced bike parking areas in the city's metropolitan area (2019).
- Member of the City board for sustainable mobility (2019).
- Founding partner and associate editor of the student newspaper "Mentes Movēre" (2015-2019).
- Participant in the scientific excellence campus "Assisi Science Summer School" (2018).

- Competitor in several regional and national "certamina", with prominent results in Mathematics, Chemistry and Biology.
- Photographer for student events.
- High School Diploma grade: 100/100 *cum laude*.

2005 - 2013

KINDERGARTEN, ELEMENTARY SCHOOL, MIDDLE SCHOOL

THE ANGLO-ITALIAN SCHOOL, MONTESSORI DIVISION – ALLIED JOINT FORCE COMMAND NAPLES (BAGNOLI NATO BASE, NAPOLI (NA))

- Prominent results in Iowa Tests of Basic Skills (with a top score of 99.8/100 in 2010).
- Second global classificate in the *World Maths Day* global competition in 2011.
- Acquisition of mothertongue knowledge of the English language throughout the years.

SKILLS

- Autodesk AutoCAD, Revit
- Adobe Illustrator, Photoshop, InDesign
- Blender
- Microsoft Word, Excel, Powerpoint
- Photogrammetry, Photography
- Problem solving
- Public speaking
- Team working, Team leadership
- Lifelong learning
- Italian mothertongue speaker
- C2 level proficiency in English

INTERESTS AND ACTIVITIES

- Cultural Heritage
- Environmental protection
- Architectural History
- Arts and culture
- Education
- Science and technology
- Karate
- Violin, classical music
- Mixology