5G Academy
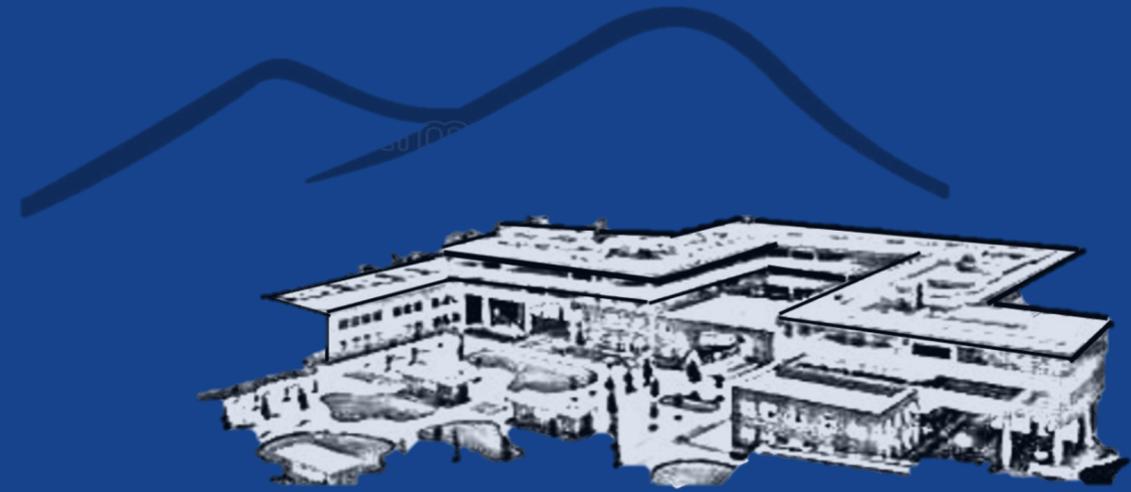
UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II   NOKIA   TIM

5G Academy

Future **I**nteractive immersi**V**e **E**fficient **G**reen technologies **Academy**

POSTGRADUATE COURSE

IV Edition

27 February – 30 September

in collaboration with   **kineton**   **FASTWEB**

MISSION

- Acquire a real field experience and a common language that allows an adequate interaction among professionals from all sectors involved in 5G transformation

- Creating the workforce of the future: highly professional figures in the field of digital transformation, with specific reference to the revolutionary potential of 5G

5G Academy

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POSTGRADUATE COURSE

Scientists from academia and institute centers, managers and experts from our partners and sponsors

FACULTY

NETWORK

Interaction between university, consulting and business worlds

Acquire technical, management and sector consulting skills, contributing to the development of specific and innovative business cases

TRAINING OBJECTIVE

LEARNING STRATEGY

Project-based Learning Specific learning modules with technical contents of interest and a language accessible to a heterogeneous audience

STRUCTURE

- The combination of scientific and humanistic competencies empower students with with the skills, mindset, and technologies to change the world

- The increasingly transversal nature of our future society is at the core of the 5G academy training program. This is how the workforce of the future is formed
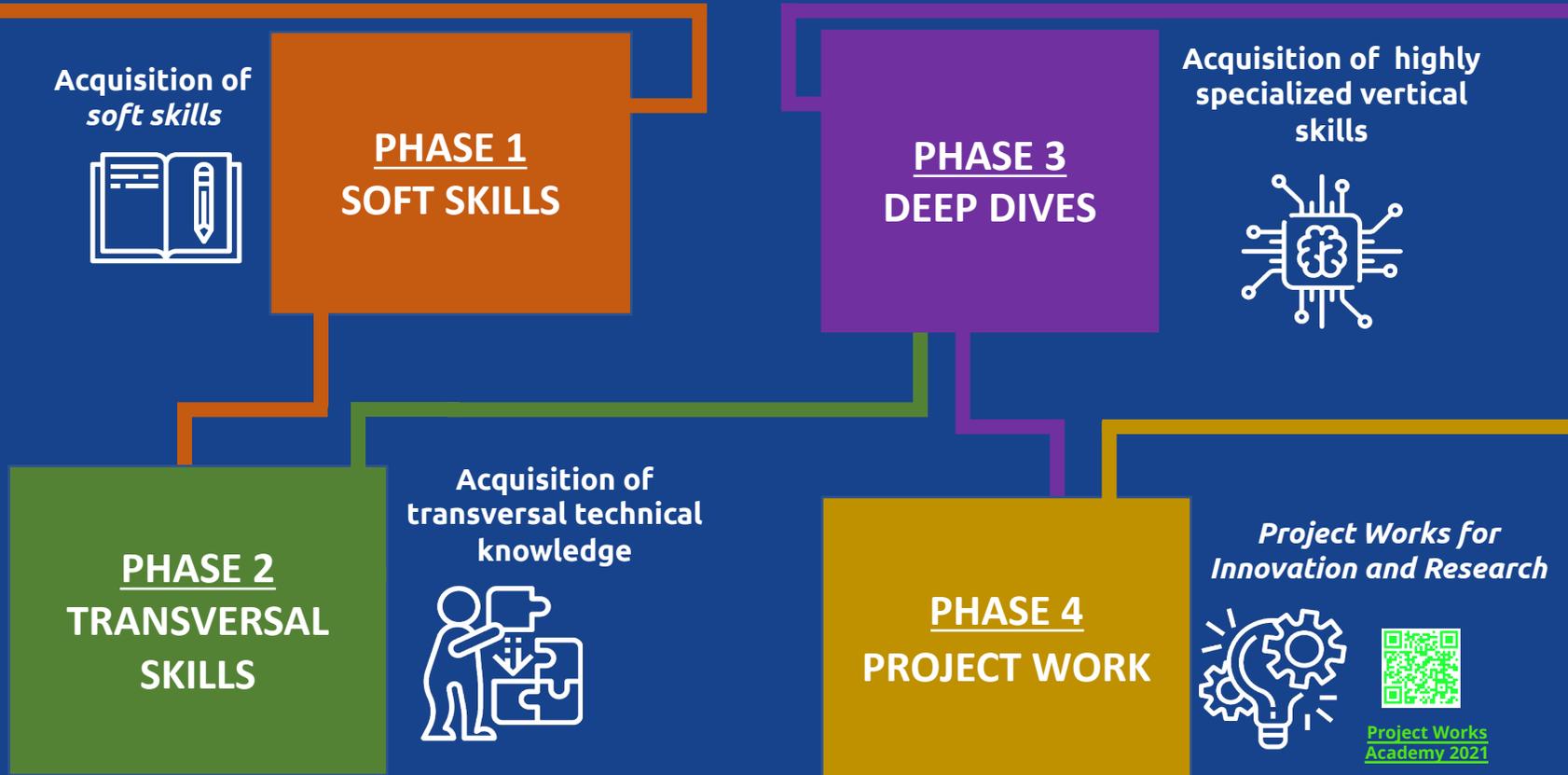
5G Academy

UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II — NOKIA — TIM

POSTGRADUATE COURSE

Acquisition of *soft skills*

PHASE 1
SOFT SKILLS

Acquisition of highly specialized vertical skills

PHASE 3
DEEP DIVES

Acquisition of transversal technical knowledge

PHASE 2
TRANSVERSAL SKILLS

Project Works for Innovation and Research

PHASE 4
PROJECT WORK

5G Academy

Project Works Academy 2021

STRUCTURE:

Phase 1 & Phase 2

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POSTGRADUATE COURSE

In this phase, participants acquire the foundation of management and industry consulting skills through courses such as: Introduction to consulting, Problem solving, Team efficacy, Business model, Value proposition, Effective presentation Negotiation, Planning work (WBS, Scope/time/cost, Agile@scale, DevOps),

PHASE 1
SOFT SKILLS

PHASE 2
TRANSVERSAL SKILLS

This phase, common to all participants, first focuses on the key technical aspects of Next Generation Network (NGN), describing the characteristics of adaptability and flexibility necessary to enable the various categories of service. Next, it moves to the legislation, governing the new 5G technology and associated solutions, as well as aspects of network security and business management.

STRUCTURE:

Phase 3 & Phase 4

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POSTGRADUATE COURSE

PHASE 3
DEEP DIVES

This phase, with customized modular paths,: 1) analyzes the technological components that characterize the NGN (5G, TSN, WIFI 6E, WIFI); 2) deepens key aspects in cloud computing, edge technology, service enablement platform, AI/ML; 3) studies how the use of the NGN technologies, in different business contexts, can strengthen and evolve the individual business.

PHASE 4
PROJECT WORK
FOR INNOVATION AND RESEARCH

In this phase, which consists of 10 weeks of experiential learning based on a realization-design approach, the participants, divided into mixed teams, work on the development -- in verticals such as healthcare, manufacturing, media and entertainment, logistics -- of concrete business cases with associated technical and economic feasibility analysis and prototypes.

STRUCTURE:

NETWORKING WEEK

- Between the third and the fourth phase, there will a week of seminars, panels, workshops

- The objective is to bringing together students and worldwide expert from academia and industry sharing their experience on the impact of NGN, AI and future tecnologie on sustainability, inclusion, culture, ethical and social aspects.
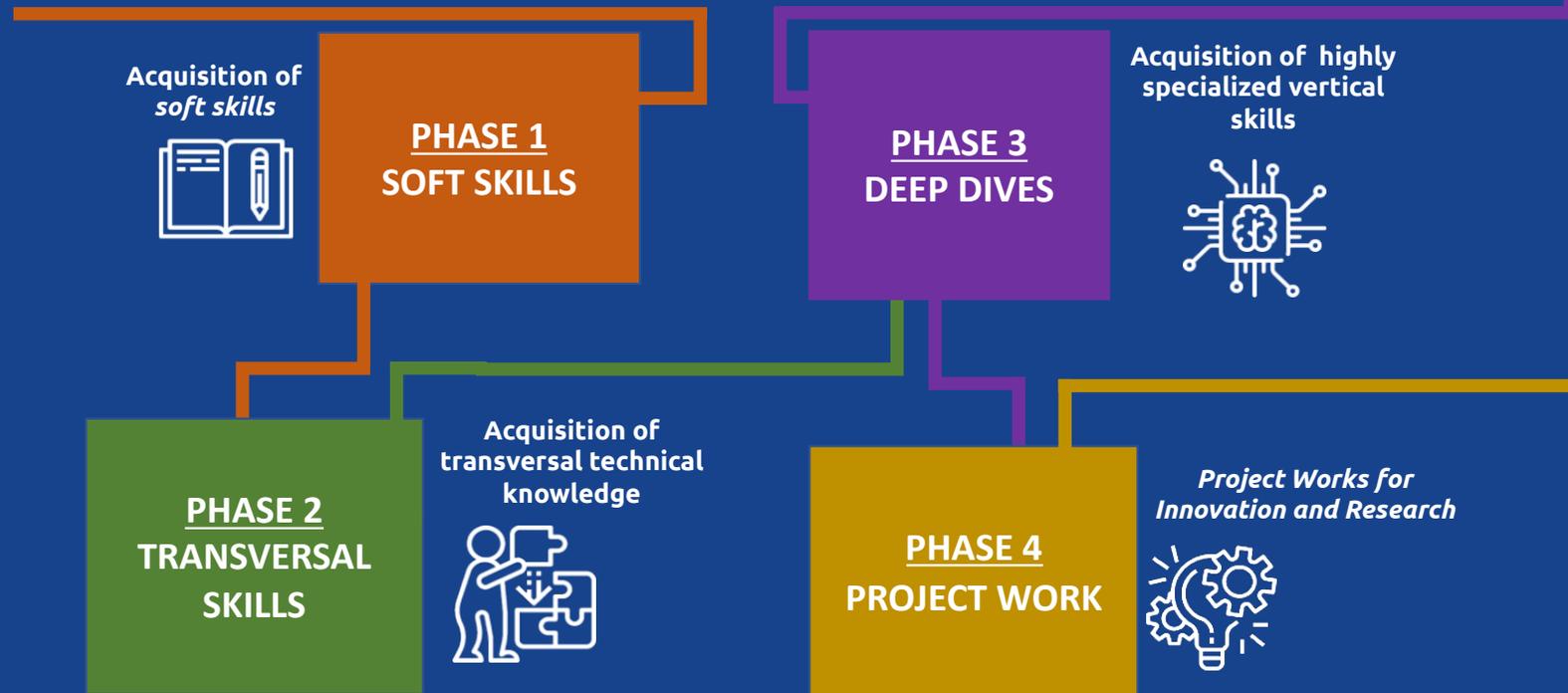
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UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II   NOKIA   TIM

POSTGRADUATE COURSE

A week of seminars, panels ,and workshops.

NETWORKING WEEK

Acquisition of *soft skills*

PHASE 1
SOFT SKILLS

PHASE 3
DEEP DIVES

Acquisition of highly specialized vertical skills

Acquisition of transversal technical knowledge

PHASE 2
TRANSVERSAL SKILLS

PHASE 4
PROJECT WORK

Project Works for Innovation and Research

FACULTY

- One of our strengths is the teaching staff, composed of academics and managers of leading companies in the sector from Italian and International context.

- Our trainers offer guidance and support to ensure the high quality of education. Our faculty is a team of:

5G Academy

POSTGRADUATE COURSE

Experts from our partners and sponsors

Experts from academia and research centers

- **New York University Tandon School of Engineering**, NY, USA
- **Universidad Carlos III de Madrid**, Madrid Spain
- **Università degli Studi di Napoli Federico II**, Napoli, Italy
- **Università di Roma La Sapienza**, Rome, Italy
- **Università degli Studi di Padova**, Padova, Italy
- **Università degli Studi di Roma Tor Vergata**, Roma, Italy

- **King's College London**, London, UK
- **Northeastern University**, Boston, USA
- **IMDEA Networks**, Madrid, Spain
- **Bell Labs Nokia**, Murry Hill, NJ, USA
- **ISASI CNR**, Naples, Italy

WHO CAN APPLY?

Students with

- Bachelor's degree
- Master's degree

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POSTGRADUATE COURSE

DURATION

7 months
5 days a week

PRICE

No-cost entry to the program

CALENDAR

From **February 27** to **September 30, 2023**
Full time: 9am-4pm

TITLE

Certificate released by the University of Napoli Federico II

FORMAT

Blended/In-person at Polo Tecnologico of Federico II S. Giovanni a Teduccio

INFORMATION

To apply, go to https://www.5gacademy.unina.it/
For info, write to 5Gacademy@unina.it

LANGUAGE

English

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BE PART OF THE EMERGING DIGITAL TRANSFORMATION WORKFORCE

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