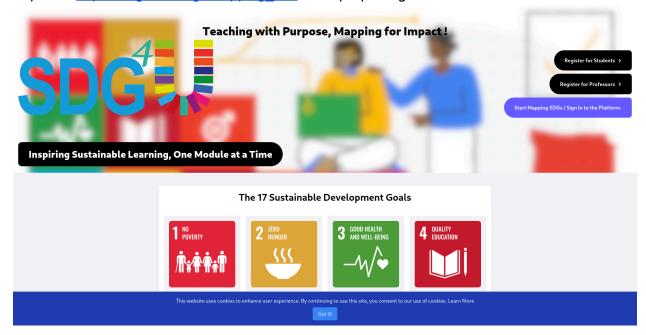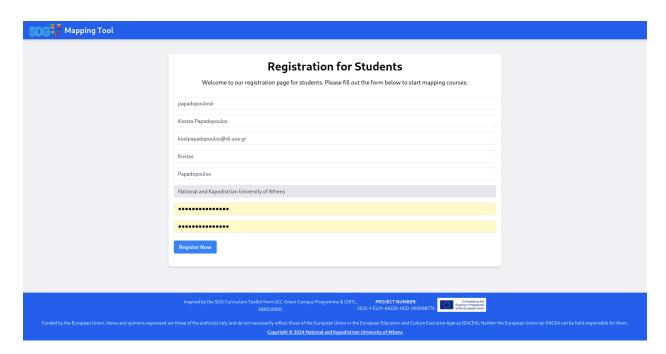Πάμε στο https://sdg4u.uoa.gr/mapping_tool Διαλέγουμε Register for Students

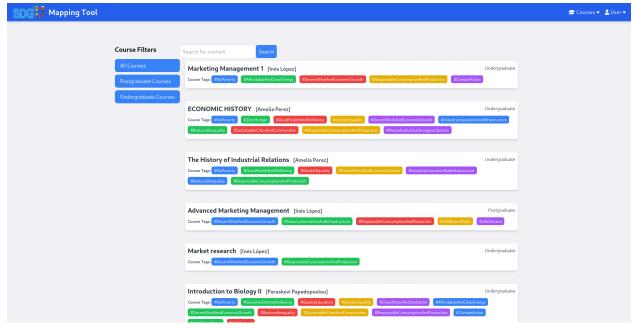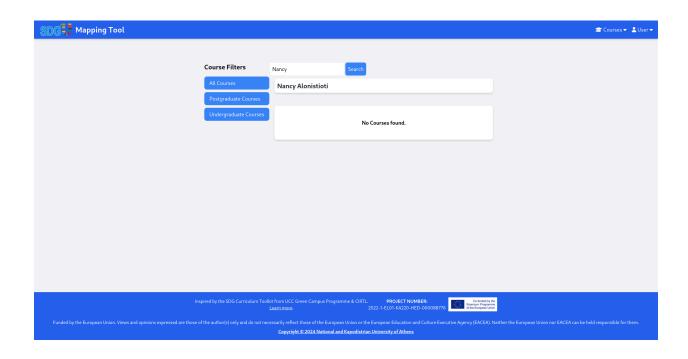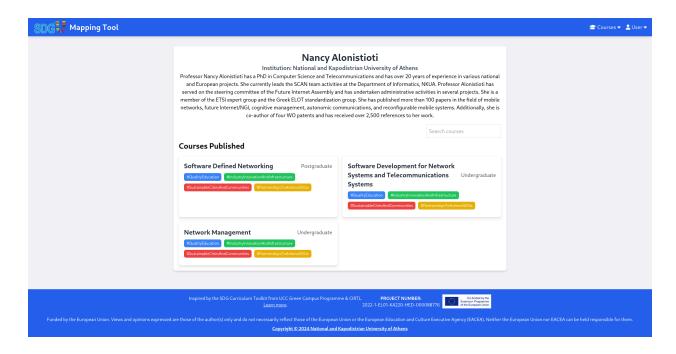Συμπληρώνεται τα στοιχεία σας για την εγγραφή , χρησιμοποιώντας το email της σχολής.

Όπως φαίνεται από τις παρακάτω εικόνες πώς βρίσκουμε το μάθημα Software Development for Network Systems and Telecommunications Systems
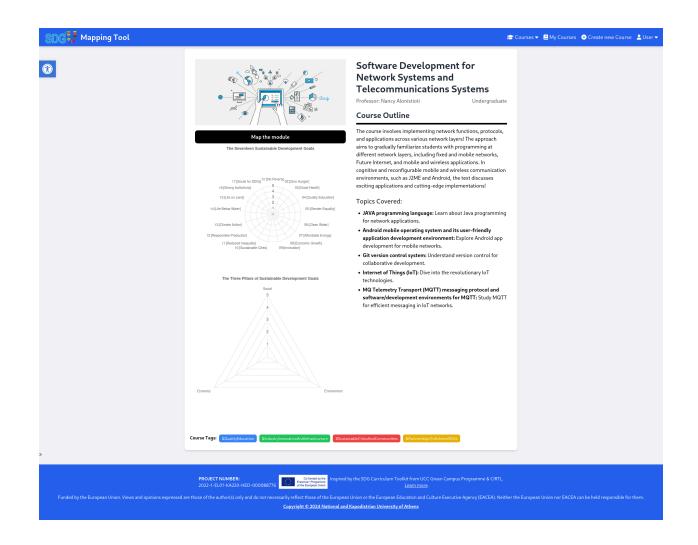
ή πάμε
https://sdg4u.uoa.gr/mapping_tool/course/software-development-for-network-systems-and-telecommunications-systems/. Αν διαλέξατε το link πάτε στην προτελευταία εικόνα.

Courses ▾   User ▾

Nancy Alonistioti

Institution: National and Kapodistrian University of Athens

Professor Nancy Alonistioti has a PhD in Computer Science and Telecommunications and has over 20 years of experience in various national and European projects. She currently leads the SCAN team activities at the Department of Informatics, NKUA. Professor Alonistioti has served on the steering committee of the Future Internet Assembly and has undertaken administrative activities in several projects. She is a member of the ETSI expert group and the Greek ELOT standardization group. She has published more than 100 papers in the field of mobile networks, future Internet/NGI, cognitive management, autonomic communications, and reconfigurable mobile systems. Additionally, she is co-author of four WO patents and has received over 2,500 references to her work.

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Διαλέξετε το κουμπί Map the module.

Software Development for Network Systems and Telecommunications Systems

Professor: Nancy Alonistioti   Undergraduate

Map the module

The Seventeen Sustainable Development Goals

The Three Pillars of Sustainable Development Goals

Course Outline

The course involves implementing network functions, protocols, and applications across various network layers! The approach aims to gradually familiarize students with programming at different network layers, including fixed and mobile networks, Future Internet, and mobile and wireless applications. In cognitive and reconfigurable mobile and wireless communication environments, such as J2ME and Android, the text discusses exciting applications and cutting-edge implementations!

Topics Covered:

- **JAVA programming language:** Learn about Java programming for network applications.
- **Android mobile operating system and its user-friendly application development environment:** Explore Android app development for mobile networks.
- **Git version control system:** Understand version control for collaborative development.
- **Internet of Things (IoT):** Dive into the revolutionary IoT technologies.
- **MQ Telemetry Transport (MQTT) messaging protocol and software/development environments for MQTT:** Study MQTT for efficient messaging in IoT networks.

Course Tags: #QualityEducation #IndustryInnovationAndInfrastructure #SustainableCitiesAndCommunities #PartnershipsToAchieveSDGs

Συμπληρώστε το ερωτηματολόγιο και πατήστε submit. Ευχαριστούμε!!!

Module SDG Coverage Assessment Tool

Evaluate the extent to which the module addresses the Sustainable Development Goals (SDGs) by entering a score between 0 to 5.

Value	Description
0	No coverage
1	Indirectly or unknowingly including topics related to the SDG
2	Provides insight into the SDG from the perspective of One's Own Discipline
3	Uses inter- or transdisciplinary approach to address at least one SDG Target
4	Assessment of SDG knowledge in relation to module and/or programme Learning Outcomes
5	Uses Action Oriented Pedagogies related to SDGs and/or Community Outreach

SDG 01: No Poverty
People
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 02: Zero Hunger
People
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 03: Good Health and Wellbeing
People
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 04: Quality Education
People
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 05: Gender Equality
People
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 06: Clean Water and Sanitation
Planet
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 07: Affordable and Clean Energy
Planet
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 08: Decent Work and Economic Growth
Prosperity
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 09: Industry, Innovation and Infrastructure
Prosperity
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 10: Reduced Inequalities
Prosperity
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 11: Sustainable Cities and Communities
Planet
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 12: Responsible Consumption and Production
Prosperity
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 13: Climate Action
Planet
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 14: Life Below Water
Planet
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 15: Life on Land
Planet
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 16: Peace, Justice and Strong Institutions
Peace
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

SDG 17: Partnerships
Partnerships
○ 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5

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