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# **EULiST: Αναβαθμίζοντας την Ακαδημαϊκή Πραγματικότητα του ΕΜΠ**

**Καθ. Έφη Δημοπούλου, Συντονίστρια EULiST Digital Campus**



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**Ευρωπαϊκό Πανεπιστήμιο EULiST**  
**Ευκαιρίες και Προοπτικές για την κοινότητα του ΕΜΠ**

**Δευτέρα 8 Δεκεμβρίου 2025, 12:00 -**

# Οφέλη για τους καθηγητές του ΕΜΠ μέσα από τη συμμετοχή στο EULiST



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- **Συν-Διδασκαλία με Ευρωπαϊκά Πανεπιστήμια:**
  - ✓ Προσφερόμενα μαθήματα (digital Course Catalogue)
  - ✓ Εντοπισμός αλληλοκαλυπτομένων αντικειμένων
  - ✓ Ανάπτυξη joint teaching modules - παρεμβάσεις μέσω 3D Campus Model
  - ✓ Virtual mobility & teaching visits
- **Ενίσχυση Έρευνας μέσω Δικτύων (research networking)**
  - ✓ Χρήση Knowledge Hub
  - ✓ AI-based αναζήτηση συνεργασιών
- **Διευκόλυνση κινητικότητας (mobility)**
  - ✓ Συμφωνίες συνεργασίες
  - ✓ Καλύτερη προετοιμασία - εικονική περιήγηση
- **Εξοικονόμηση χρόνου – υψηλότερη ποιότητα υλικού – διεθνές περιεχόμενο**
- **Βιωσιμότητα και πράσινη μετάβαση – 3D Campus ως Living Lab για διδασκαλία και έρευνα**
- **Προβολή του έργου των καθηγητών σε ευρωπαϊκό επίπεδο – αναγνωσιμότητα – διεθνείς προσκλήσεις**



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# EULiST Digital Campus

A unified academic ecosystem for teaching, research, outreach & governance



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## Teaching & Learning

- Joint courses
- Virtual mobility
- New learning spaces

## Research & Innovation

- Collaborative projects
- Shared infrastructures
- Open science & data

## Outreach & Engagement

- Society-facing activities
- Open academic resources
- Innovation ecosystems

## Alliance Governance & Support

- Coordination tools
- Shared workflows
- Digital backbone of the Alliance

**USERS: Students • Researchers • Faculty • Staff • External Partners**



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# Ο Ρόλος του Digital Campus:



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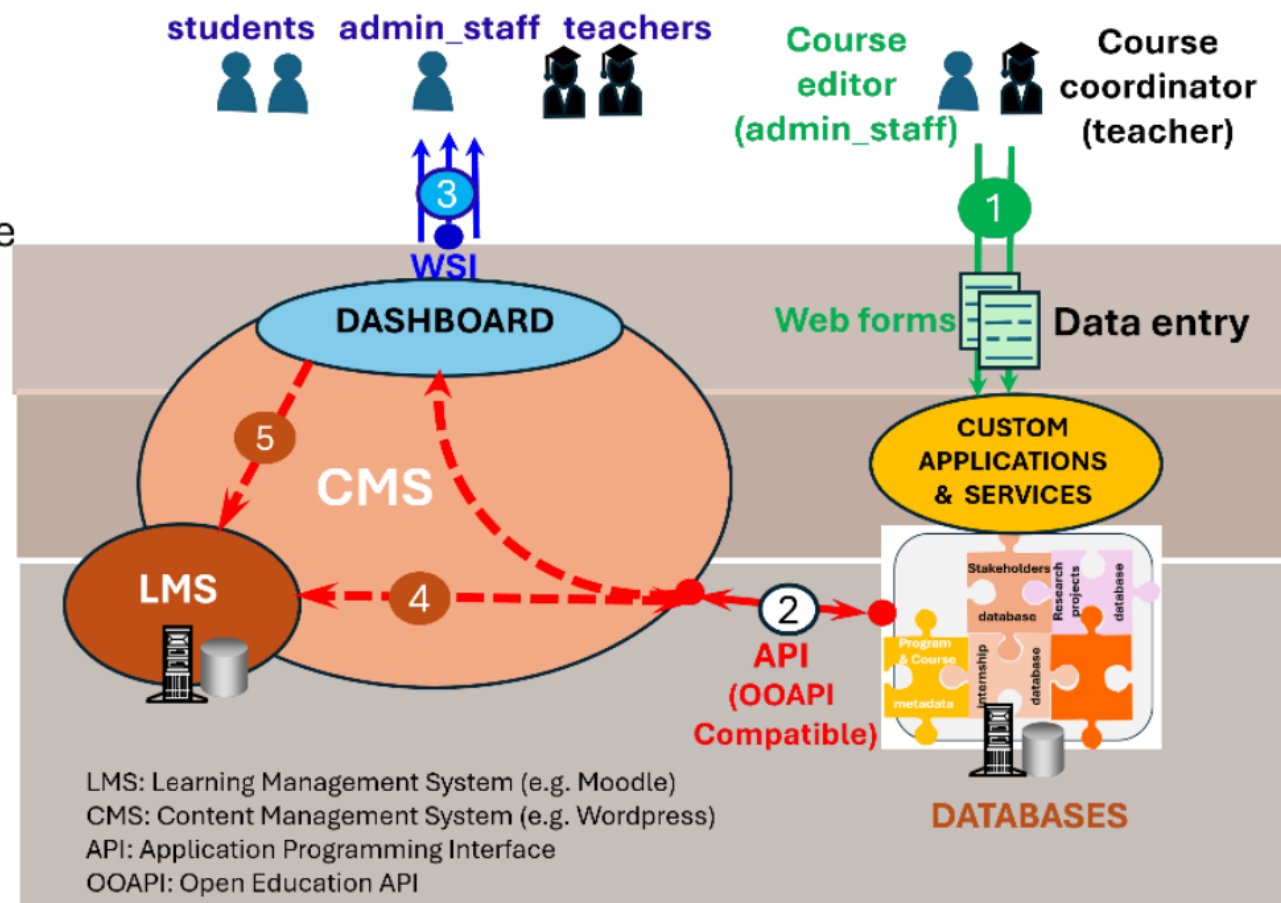
- **Course Catalogue:** digitally accessible and creating new learning environments- more diversity in STEM-related courses – Fully functional Joint Course Catalogue (end 2026)
- **Knowledge Hub:** a comprehensive inventory of all available digital library and research services across the Alliance: strengthens the knowledge base that underpins cross-institutional collaboration
- **The Sustainable Campus Initiative:** a common methodology for carbon footprint calculations complemented by the creation of a pool of sustainability demonstrators, shared among partners as best practice examples
- **AI εργαλεία**
- **Research & Mobility Networking**
- **3D Campus Modelling:** Ενεργειακές & κλιματικές προσομοιώσεις, Μελέτες φωτισμού/σκίασης για αρχιτεκτονικές παρεμβάσεις, Simulation-based learning σε μαθήματα όλων των Σχολών



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## Platform architecture & data flow

- 1 • Data entry through appropriate web forms
- Alternatively, via csv files (programmatically)
- 2 • Get data from the DB through endpoints implementing the API
- 3 • Expose it on the dashboard
- 4 • Exchange data with LMS
- 5 • Access to LMS



# Web site & Digital Campus: access to Course Catalogue



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<https://eulist.university>

The screenshot shows the EULIST website interface. At the top, the URL <https://eulist.university> is in the browser's address bar. The website header includes the EULIST logo on the left and navigation links: ALLIANCE, DIGITAL CAMPUS, OPPORTUNITIES, PROJECT, NEWS, and CONTACT. The 'DIGITAL CAMPUS' menu is open, displaying a list of options: Course Catalogue, Knowledge Hub, Research – ERIA, AI Tools, Sustainability, and 3D Campus. The 'Course Catalogue' option is highlighted with a red box. Below the header, a large banner features the text 'Alliance of Universities' and 'European Universities Linking Society and Technology'. Further down, a section titled 'Linking Society and Technology' describes EULIST's contribution to the European Strategy for Universities. At the bottom left, a small text snippet reads '...Europe's metropolitan areas to peripheral rural'. The bottom right corner of the website features the EULIST logo and a stylized map of Europe.



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Show calendar

filters

☐ Bookmarks

Course Start Date

mm/dd/yyyy

Enrollment Start Date

mm/dd/yyyy

Institution

Course Language

ECTS

Mode Of Delivery

Course Level

SDG Label

ISCED Subjects

## Explore the catalogue

Search courses by title



BUT\_cz/OSE

English Skills for Workplace Communication

English for Workplace Communication is a course designed for students who actively use English and wish to further enhance their ability to communicate confidently in an international professional...



3 ECTS



BUT\_cz/OSE1

English Skills for Workplace Communication I

English for Workplace Communication is a course designed for students who actively use English and wish to further enhance their ability to communicate confidently in an international professional...



3 ECTS



BUT\_cz/ARB-KE

Accessible Architecture

The course consists of seminars where students will familiarize themselves with the issue of designing public spaces for the persons with limited capability of movement and orientation. They will work...



3 ECTS



BUT\_cz/BA\_BCH1

Biochemistry I

Summer semester course, fully in English language, Faculty of Chemistry at BUT. This course is suitable for bachelor and master study levels and taught in the on-campus presence form with study...



4 ECTS



BUT\_cz/BFMSE

Financial Management of Small Company

Summer semester course, fully in English language, Faculty of Business and Management at BUT. This course is suitable for bachelor and master study levels and taught in the on-campus presence form...



6 ECTS



BUT\_cz/BHRME

Human Resources Management in Small Company

Summer semester course, fully in English language, Faculty of Business and Management at BUT. This course is suitable for bachelor and master study levels and taught in the on-campus presence form...



6 ECTS



BUT\_cz/BPA-ASI

Analysis of Signals

Summer semester course, fully in English language,



BUT\_cz/BPA-EL2

Electrical Engineering 2

Summer semester course, fully in English language,



BUT\_cz/BPA-TMO

3D Modeling and Simulation

Summer semester course, fully in English language,



# Personal access & associations



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- **SIGN IN** with institutional credentials
- **Personal portfolio:**
  - Associations with offerings**
    - ✓ Student applications
    - ✓ Teacher associations & access to editing forms
  - Access to other Digital Campus services**
    - ✓ AI Tools
    - ✓ 3D Campuses
    - ✓ Chat room
    - ✓ ...



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# Ιδρυματικός Κατάλογος Μαθημάτων ΕΜΠ



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<https://eulistdashboard.site/ntuadc/eudashboard/>

- Πολυγλωσσικός (προβλεπόμενα στοιχεία του Ν. 4957/2022/ όσα παρείχαν οι Γραμματείες σε excel/ περιλαμβάνει 1300 μαθήματα, 152 δυνάμει δίγλωσσα)

- Δυνατότητα

- εισαγωγής και ενημέρωση
- χρήσης φίλτρων και εξατομίκευσης
- λειτουργίας με laptop, tablet

- Προβλέπεται η σταδιακή ανάπτυξη

- σύνδεση με το σύστημα ηλεκτρονικής μάθησης
- εισαγωγή πληροφορίας αιτήσεων
- σύνδεση, ενδεχομένως, και με το σύστημα

The screenshot displays the EULIST dashboard interface. At the top, there is a navigation bar with the NTUA logo, a search bar, and links for HOME, NEWS, COURSE CATALOGUE, and SIGN IN. Below the navigation bar, the main content area is divided into two columns. The left column contains a sidebar with a search filter section titled 'Αγαπημένα' (Favorites) and a list of filters including 'Παραλήπτης' (Recipient), 'home', 'erasmus', 'eulist' (selected), and 'all'. Below this, there are expandable sections for 'Σχολή' (School), 'Εξάμηνο' (Semester), 'Τύπος επιλογής μαθήματος' (Type of course selection), 'Γλώσσα Μαθήματος' (Course language), and 'ECTS'. The right column displays the search results, titled '17 Αποτελέσματα' (17 Results). The first three results are visible: 1. NTUA\_gr/0001: ΕΙΣΑΓΩΓΗ ΣΤΗ ΝΕΟ-ΕΛΛΗΝΙΚΗ ΓΛΩΣΣΑ (0 ECTS). 2. NTUA\_gr/2025: ΑΠΟΚΕΝΤΡΩΜΕΝΑ ΘΕΡΜΙΚΑ ΣΥΣΤΗΜΑΤΑ (4 ECTS). 3. NTUA\_gr/2042: ΣΥΣΚΕΥΕΣ ΚΑΙ ΕΓΚΑΤΑΣΤΑΣΕΙΣ ΘΕΡΜΙΚΩΝ ΔΙΕΡΓΑΣΙΩΝ (4 ECTS). Each result includes a brief description of the course content. At the bottom of the dashboard, a red banner states 'The Dashboard is under development'.



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# Welcome to EULiST Campuses

Efi Dimopoulou

Digital Dashboard

Course Catalogue

Personal Portfolio

AI Toolkit

Campuses

ChatRoom

Profile

Tools

Logout



Presented by Panopro s.r.o.

FIT VUT areál Božetěchova



Help | Terms



Version 6.8.3



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# **EULiST: πολλαπλασιαστής ευκαιριών για το ακαδημαϊκό προσωπικό του ΕΜΠ**



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## **Χτίζοντας το Ευρωπαϊκό Πανεπιστήμιο του μέλλοντος:**

- 1. Οι καθηγητές αποκτούν άμεση πρόσβαση σε ένα Ευρωπαϊκό Οικοσύστημα Γνώσης**
- 2. Με το Digital Campus εξοικονομείται χρόνος για διδασκαλία, συνεργασία και έρευνα και αυξάνει το impact**
- 3. Νέα μαθήματα & συν-διδασκαλία γίνονται πιο εύκολα**
- 4. Ισχυρότερη έρευνα - ευκολότερη χρηματοδότηση**
- 5. Teaching mobility, research visits, staff exchanges — διεθνής προβολή**
- 6. Το ΕΜΠ ως "Ζωντανό Ψηφιακό Εργαστήριο" (Living Digital Lab)**



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# ΕΥΧΑΡΙΣΤΩ ΓΙΑ ΤΗΝ ΠΡΟΣΟΧΗ ΣΑΣ



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