



# JORNADAS DE MOVILIDAD ERASMUS+ DE EDUCACIÓN SUPERIOR

Cartagena, 28 – 30 de junio de 2023



**Año Europeo de las Competencias:  
Experiencias Erasmus+ para el fomento de las competencias en las instituciones de  
Educación Superior**





# THE UNITA APPROACH TO MICRO-CREDENCIALS

## *UNITA — UNIVERSITAS MONTIUM*

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*Vicerrector de Internacionalización y*  
*Cooperación*  
***UNIVERSIDAD DE ZARAGOZA***





# UNITA

## Universitas montium



## SOME DISTINCTIVE FEATURES

A **participative** university

Comitment to develop our **rural** mountain regions through education & innovation

**Research hubs** on Cultural heritage, Renewal energies and Circular economy

**Multilingualism:** promotion of the **Romance** languages (inter-comprehension & learning) in an English friendly environment.

**Flexible learning paths** for students and life-long learners (online matrix, **micro-credentials**, ...)

**Mobility for all** (COIL, UVM, BIP,...), including rural mobility (**URM**)

Promoting **European Citizenship**

Enlarging the network outside Europe: **GEMINAE**

# EUROPEAN FRAMEWORK (1)

## Definition & main documents

**'Micro-credential'** means the record of the learning outcomes (usually in the form of a digital badge) that a learner has acquired following a small volume of learning.

Learning experiences leading to micro-credentials are designed to provide the learner with specific **knowledge, skills and competences** that respond to societal, personal, cultural or labour market needs. Micro-credentials are **owned by the learner, can be shared and are portable**. They may be **stand-alone or combined** into larger credentials. They are underpinned by **quality assurance** following agreed standards in the relevant sector or area of activity.

MICs can refer both to the record or to the short course leading to it (others prefer for this 'micro-module')

## Council Recommendation of 16 June 2022 on micro-credentials for lifelong learning and employability

[https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32022H0627\(02\)](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32022H0627(02))

## Cf. Council recommendation on individual learning accounts

<https://www.consilium.europa.eu/en/press/press-releases/2022/06/16/council-recommendation-on-individual-learning-accounts-to-boost-training-of-working-age-adults/>

## Micro-credentials brochure

<https://education.ec.europa.eu/education-levels/higher-education/micro-credentials>



# EUROPEAN FRAMEWORK (2)

## The credential (digital badge)

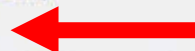
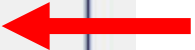
*Micro-credentials: mandatory and optional elements*  
*Recomm. June 2022*

### Mandatory elements

- Identification of the learner
- Title of the micro-credential
- Country/Region of the issuer
- Awarding body
- Date of issuing
- Learning outcomes
- Notional workload needed to achieve the learning outcomes (in ECTS credits, wherever possible)
- Level (and cycle, if applicable) of the learning experience leading to the micro-credential (EQF, QF-EHEA), if applicable
- Type of assessment
- Form of participation in the learning activity
- Type of quality assurance used to underpin the micro-credential

### Optional elements, where relevant (non-exhaustive list)

- Prerequisites needed to enrol in the learning activity
- Supervision and identity verification during assessment (unsupervised with no identity verification, supervised with no identity verification, supervised online or onsite with identity verification)
- Grade achieved
- Integration/stackability options (standalone, independent micro-credential / integrated, stackable towards another credential)
- Further information



Basically 6 (Bach),  
7 (Mast), 8 (PhD)





# EUROPEAN FRAMEWORK (3)

## The ten principles

### Micro-credentials: ten principles for designing and issuing micro-credentials

Recomm. June 2022

1. **Quality** (primarily, assessment of providers / internal quality assurance procedures).
2. **Transparency** (cf. Mandatory elements + ECTS, European Qualifications Framework / EQF, Database of External Quality Assurance Results / DEQAR, Europass).
3. **Relevance** (collaboration with users and stakeholders).
4. **Valid assessment.**
5. **Learning paths** (to support flexible learning pathways).
6. **Recognition** (recognized for academic or employment purposes)
7. **Portable** (learner owned, storable, stackable and easy to share. Cf. **Europass**).
8. **Learner centred** (learners feedback)
9. **Authentic** (relevant learner's and issuer's info,...)
10. **Information and guidance** (supporting education, training and career choices)

# EUROPEAN FRAMEWORK (4)

## The platform for credentials

### *Europass & European Learning Model ELM v. 3*

## Europass

**Europass Digital Credentials Infrastructure (EDCI):** to enable efficient and secure recognition across Europe of qualifications or other learning outcomes. **Europass:** a free set of online tools to manage skills, and plan a learning and career in Europe (creating a free profile of skills, qualifications and experiences in online location).

<https://europa.eu/europass/en/what-are-digital-credentials>

**European Learning Model (ELM):** a multilingual Data Model for Interoperability of Learning Opportunities, Qualifications, Accreditation and Credentials in Europe, developed by the European Commission.

The European Learning Model aims to capture the results of any non-formal and formal learning across Europe, as well as the validation of non-formal and informal learning. It is designed to provide a single format to describe certificates of attendance, examination results, degrees and diplomas, diploma supplements, professional certifications, employer recommendations and any other kind of claims that are related to learning.

<https://europa.eu/europass/en/news/upcoming-launch-european-learning-model-v3>





# CertiDigital

## Universidades coordinadoras



<https://certidigital.es/>







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## UNITA MICs standards (1)



- **Number of ECTS:** between 1 and 14\*. Until now, between 1 and 3.

\* *Real Decreto 822/2021, de 28 de septiembre, por el que se establece la organización de las enseñanzas universitarias y del procedimiento de aseguramiento de su calidad (art. 37.8):* “Igualmente, las universidades podrán impartir enseñanzas propias de **menos de 15 ECTS** que requieran o no titulación universitaria previa, en forma de **microcredenciales o micromódulos**, que permitan certificar resultados de aprendizaje ligados a actividades formativas de corta duración.”

### Standing-alone or stackable (> micro-module)

- **Target groups of learners** (until now): life-long learners, rural population, university community (including teachers, administrative staff & mobility / PhD / Master / Bachelor students).
- **Quality assurance** (until now) backed by each UNITA member (at least until the Legal Entity is able to issue MICs) complying the quality standards of the corresponding regular educational offer of each university.



## UNITA MICs standards (2)



- **Number of ECTS:** between 1 and 14\*. Until now, between 1 and 3.
- **Workload per ECTS:**  
Students: 25 hours  
Teachers: 10 hours
- **Learning mode:** flexible (online, blended, face-to-face).  
So far: **online (interactive or stand-alone / synchronous or asynchronous), and blended**  
**Standing-alone or stackable (> micro-module)**
- **Target groups of learners** (until now): life-long learners, rural population, university community (including teachers, administrative staff & mobility / PhD / Master / Bachelor students).
- **Quality assurance** (until now) backed by each UNITA member (at least until the Legal Entity is able to issue MICs) complying the quality standards of the corresponding regular educational offer of each university.



## UNITA MICs standards (3)



- Learning Platform and Digital badges.
- After using different learning platforms, UNITA MICs will be located at the UNITA MOODLE (under preparation) and the digital badges will be delivered through **EUROPASS**.



# UNITA MICs (1)



**WP3: inter-comprehension [Elisa Corino, UNITO & Elena Albesa, UNIZAR]**

- (a) *Elementi de intercomprensione*
- (b) *Initiation a l'intercomprension*
- (c) *Español como lengua extranjera, A2 (con metodología de IC).*

**WP4: 3 for Bachelor students (ready to be) delivered in the three main thematic [Krassimira Lacoustete and Laetitia Soares, & Frédéric Marias, UPPA]**

- (a) *Introduction and challenge of renewal energies for mountain territories,*
- (b) *Micro-credential for introduction to Circular Economy*
- (c) *Approaching visual culture*

- 3 more MICs for Bachelor students are in progress
- 3 more MICs for PhD students are in progress.

**WP7: 1 Distance online course on European Citizenship (for Bachelor and Master students) [Anne-Sophie Nardelli, USMB & Sergio Salinas, UNIZAR]**





## UNITA MICs (2)

An example



### (a) ELEMENTS OF INTERCOMPREHENSION

**Definition:** short course of introduction to the main elements of Intercomprehension.

**Contents:** 1. Principles and strategies, 2. Written intercomprehension, 3. Oral intercomprehension, 4. Final test.

**Duration:** 3 ECTS

**Modality:** 100% asynchronous online.

**Type of implementation:** designed and taught several times in different IC courses.

Thus, it is done in the IC courses for teachers and in the IC courses for staff, as well as in the BIP in the online part.

**Location:** on the @Start UNITO platform.

**Recipients:** any student (5-6-7-8, Bachelor, Master & 3rd grade), teacher or administrative staff of the UNITA Alliance.

**Evaluation:** accomplishment of all activities and final exam / test.

**Certification:** digital badge.

**Language:** All Romance languages of the Alliance.



## UNITA MICs (3)

### An example

#### (c) SPANISH AS A FOREIGN LANGUAGE (A2 LEVEL)

**Definition:** short Spanish course for students who have previously acquired an A1 level of the language or who have some prior knowledge of Spanish.

**Contents:** Didactic units in progression of difficulty according to the Curricular Plan of the Cervantes Institute ([https://cvc.cervantes.es/ensenanza/biblioteca\\_ele/plan\\_curricular/](https://cvc.cervantes.es/ensenanza/biblioteca_ele/plan_curricular/)).

**Duration:** 3 ECTS (= 75 hours in total). These hours should include both tasks they perform and also the preparation, study, dedicated time to the evaluation...

**Modality:** 100% synchronous and asynchronous online.

**Type of implementation:** In final stages of development.

**Location:** UNITA Moodle.

**Recipients:** any student (5-6-7-8, Bachelor, Master & 3rd grade), teacher or administrative staff of the UNITA Alliance.

**Assessment:** active attendance (minimum 85%), accomplishment of the activities and final exam evaluating the 4 skills (reading comprehension, listening comprehension, written production and interaction, oral production and interaction).

**Certification:** certificate of attendance and achievement + digital badge.

**Language:** Spanish





## Some challenges

- *MCs Quality assurance: a common procedure for all UNITA universities (including some quality standards and tools, and surveys for teachers / students / stakeholders) ? External assesement?*
- *Involving stakeholders (companies, institutions, associations,...) in the identification, design (and teaching?) of forthcoming MCs – Challenge based MCs?*





Ministerio de Universidades — Universidad de Málaga, 19 de junio de 2023

1 enero 2024 –  
30 junio 2026

## PLAN DE ACCIÓN PARA EL DESARROLLO DE MICROCREDENCIALES UNIVERSITARIAS EN ESPAÑA

50 millones de euros a repartir  
entre las comunidades  
autónomas en función de la  
población en edades  
comprendidas entre 25 y 65  
años.

Fondos europeos PRTR

<https://www.universidades.gob.es/el-ministerio-de-universidades-presenta-en-la-universidad-de-malaga-el-plan-de-microcredenciales-universitarias/>



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## PROCESO PARA LA CREACIÓN DE MICRO-CREDENCIALES

- detección de necesidades formativas,
- diseño de contenidos,
- diseño pedagógico,
- soporte tecnológico,
- procedimientos de garantía de calidad,
- procedimientos para aprobar las microcredenciales,
- estándares internos,
- diseño de los itinerarios flexibles y de la apilabilidad de las microcredenciales,
- Interlocución con la industria y otros empleadores,
- liderazgo de experimentos y pruebas piloto,
- comunicación y marketing,
- investigación en experiencia de los usuarios y usabilidad,
- capacitación del profesorado y captación de profesorado externo





Obrigado pela sua atenção

Grazie per l'attenzione

Merci de votre attention

Vă mulțumim pentru atenție

Gracias por su atención

