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Adult Learning &
Professional Development

Micro-credentials Brochure

2023-24

Semester 2

GAME-
CHANGING
CAREER
GROWTH
JUST GOT
REAL ■

MICRO
CREDS



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Micro-credentials

The Centre for Adult Learning & Professional Development offers **Micro-credentials** (short accredited courses) for the Academic Year 2023/ 24. These Micro-credentials are delivered in a flexible way, some are delivered **on campus** but the majority are **online**. The subject areas are drawn from **consultation with enterprise and industry partners'** skills needs, identified through future skills reports published over the last 3 years. The courses are intended to **upskill and reskill** the workforce, and to future-proof Irish businesses and society during challenging and changing times.

These courses are particularly suitable for work-based learners who want to **upskill** on one or more topics of interest to add to their professional skills profile.

If you would like more information on a micro-credential course, please email **microcreds@universityofgalway.ie** or apply directly online on University of Galway website: **universityofgalway.ie/adultlearning/micro-credentials**





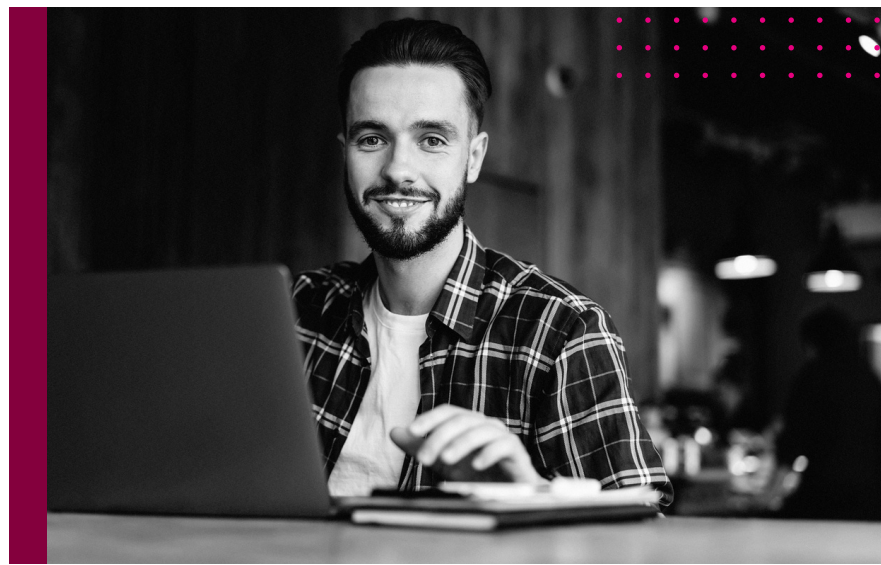
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Key Facts

- Micro-credentials are **bite-sized learning experiences** developed with and for enterprise which carry credits upon completion.
- Some of the modules or learning experiences can potentially be **joined** with other related modules to create a **larger award or qualification**.
- Micro-credential students have access to the same facilities and **high-quality learning** opportunities as all other students attending University Galway.
- Each Micro-credential will give you **skills** and **knowledge** directly related to the work environment and should assist in your **career development**.
- **Course Fees:** Micro-credentials are all priced differently based on the course type and other factors.
- **Duration:** Most Micro-credentials are 12 weeks or shorter in duration.
- **How to Apply:** For more information on how to apply for a Micro-credential course, please visit: universityofgalway.ie/courses/cpd/howtoapply/
- **Cancellations/ Refunds:** Our Micro-credential courses require a minimum number of enrolments. Courses that do not reach this quota will be cancelled. Applicants will be offered a refund if the course doesn't go ahead.

Refunds are only available if we have to cancel a course so make sure you have the full information you need in advance of making a decision to take a Micro-credential.





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Environmental Management for Organisations

Drawing on contemporary examples, Environmental Planning and Management for Organisations will explore the roots and principles of environmental planning and management in practice, introducing students to a range of conceptual and practical approaches. This is a core module focusing on processes, scale and case studies in environmental planning in industrial and commercial organisations and laying the foundation for the other modules.

Course Facts

ECTS: 5

NFQ Level: 8

Duration: 12 weeks, part-time

Mode of study: Online learning

Fees: €500

Start date: Semester 2, 2024

The mode of study for this module is online. Assessment will be carried out on a continuous basis.



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Green Lab Principles and Practice

This Micro-credential aims to provide a general overview of key environmental concepts such as climate change, plastic pollution, sustainability, and biodiversity. It will briefly explore how perspectives from psychology, sociology, communication, economics, and the study of ethics and governance provide us with insights into how perception and behaviour influence responses to environmental issues. In addition, the lifecycle of materials, and the environmental impact of the resources and equipment typically used in scientific laboratories will be examined in some detail.

Course Facts

ECTS: 10

NFQ Level: 9

Duration: 20 weeks, part-time

Mode of study: Online learning

Fees: €1,300

Start date: Semester 2, 2023/24

The mode of study for this module is online. Assessment will be carried out on a continuous basis.



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Honey Bee Health (Apiculture)

In this Micro-credential, we aim to provide beekeepers with the necessary skills and knowledge to be able to identify the criteria needed to raise healthy honeybees. Key to this is good animal husbandry and knowledge of pests and diseases of the honeybee. Being able to assess the risks associated with poor apiary hygiene, disease hot spots, overstocking and habitat loss, puts the beekeeper in control. A clear benefit of the Micro-credential is increased productivity (under the right weather conditions) which is reflected in the amount of surplus honey available to the beekeeper should they choose to harvest it.

Course Facts

ECTS: 5

NFQ Level: 8

Duration: 12 weeks, part-time

Mode of study: Blended learning

Fees: €500

Start date: Semester 2, 2024

The mode of study for this module is blended (in-person and online). Assessment will be carried out on a continuous basis.

 Listen to our podcast about
Honey Bee Health on Spotify



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Designing and Building Interactive Online Training

In this Micro-credential, participants will (1) practice and develop a range of multimedia digital skills, (2) develop strategies for effective planning, creativity, and visual design, and (3) build your own finished online interactive multimedia Training Module on a live online modulebuilding platform (Flow Learning by Mapal). A range of topics are explored each week under the following areas:

- Digital Platform and Skills
- Planning
- Design

Course Facts

ECTS: 5

NFQ Level: 8

Duration: 12 weeks, part-time

Mode of study: Online learning

Fees: €500

Start date: Semester 2, 2024

The mode of study for this module online. Assessment will be carried out on a continuous basis.



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Designing and Building
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Digital Competences

In this Micro-credential, you will (1) learn about the Digitalisation of the Future (basic concepts & terminology) and (2) follow step-by-step videos to develop new digital skills for work and for everyday living, in line with the five Competence Areas of the EC's Digital Competence Framework for Citizens.

A range of interesting topics, tips and tools are explored within each of the five competency areas as follows:

- Information & Data Literacy
- Communication & Collaboration
- Digital Content Creation
- Safety
- Problem Solving

Course Facts

ECTS: 10

NFQ Level: 8

Duration: 12 weeks, part-time

Mode of study: Online learning

Fees: €785

Start date: Semester 1, 2023

The mode of study for this module online. Assessment will be carried out on a continuous basis.

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Future of Artificial Intelligence

This module aims to give learners an understanding of current trends in Artificial Intelligence (AI) and the future development of the field, covering both academic research and industrial deployments. The focus of the module will be on the challenges and opportunities that developments in AI present to individuals, organisations, and society. Learners will gain experience of critiquing literature on AI and evaluating the technological readiness of various AI approaches to solve specific real-world problems.

Course Facts

ECTS: 5

NFQ Level: 9

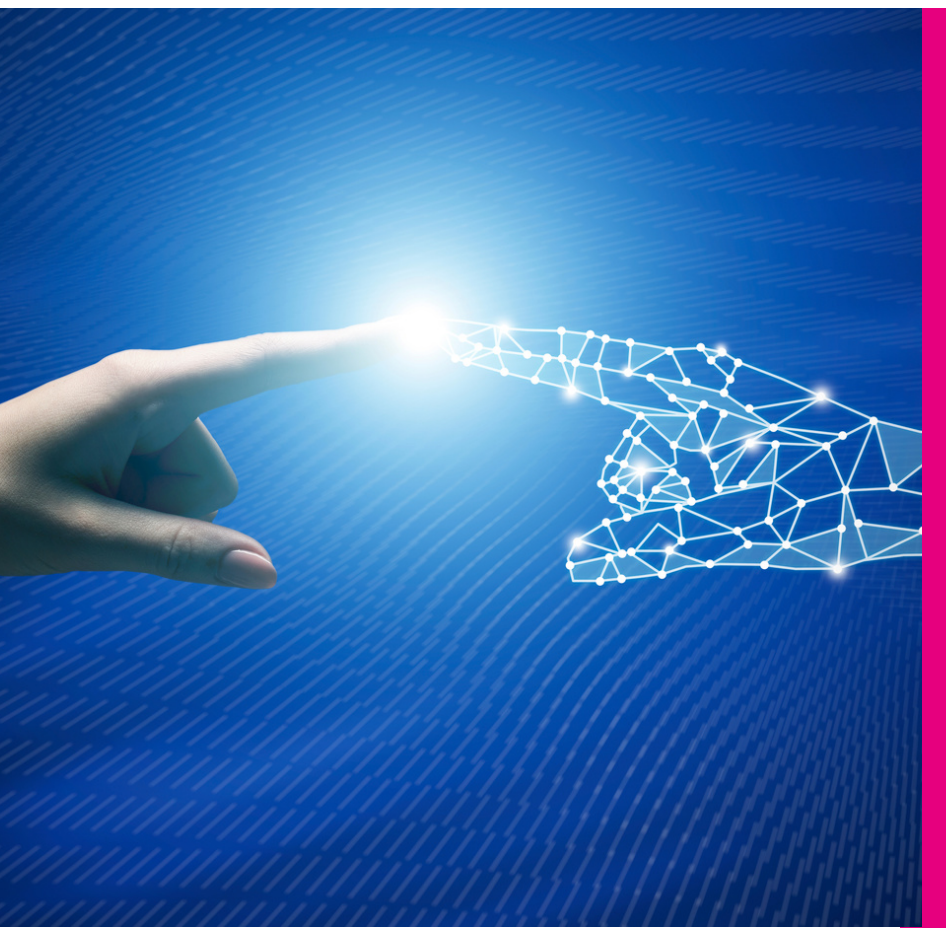
Duration: 12 weeks, part-time

Mode of study: Online learning

Fees: €650

Start date: Semester 2, 2024

The mode of study for this module online. Assessment will be carried out on a continuous basis.



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Data Analysis and Visualisation

This module will cover analysis and visualisation to transform data into usable insight. It will use graphical data visualisation tools for fast insight without using software coding. It is a mix of theoretical and practical aspects of Data Analysis and Visualisation. The module will teach both principles and practice in order to avoid common visualisation errors which lead to inaccessible or misleading results. A programming-free module will be taught using different data analysis and visualisation tools. Tools will be taught from scratch, therefore, no prior knowledge of computer science or programming is required. Learners will require access to a computer where they can install the required tools. The module is taught using software and resources that are free and open source.

Course Facts

ECTS: 5

NFQ Level: 9

Duration: 12 weeks, part-time

Mode of study: Online learning

Fees: €650

Start date: Semester 2, 2024

The mode of study for this module online. Assessment will be carried out on a continuous basis.



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Ethics and Law for Artificial Intelligence

The development of AI and its application in business contexts raises ethical and legal questions which require serious consideration. This module will provide complementary discussions of legal and ethical perspectives on pertinent AI-related issues for managers. The most prominent ethical issue is privacy, automated inferences about persons (e.g. employees or customers), and the framework of contextual integrity. This leads to the law of data protection, which creates a regulatory framework for the processing of information on individuals and is therefore relevant to business analytics, online marketing, and content regulation.

Course Facts

ECTS: 5

NFQ Level: 9

Duration: 12 weeks, part-time

Mode of study: Online learning

Fees: €650

Start date: Semester 2, 2024

The mode of study for this module online. Assessment will be carried out on a continuous basis.



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Próiseas na Pleanála Teanga II

Sa mhodúl seo, déanfar plé agus anailís ar chúrsaí pleanála teanga in Éirinn le fiche bliain anuas; is é sin ó bhí casadh na mílaoise ann. Agus obair an tseimeastair seo á cur i gcrích, beifear ag cur leis an gcúlra stairiúil agus teorice a pléadh sa chéad seimeastar. Is iomaí cáipéis taighde agus beartais a foilsíodh le fiche bliain anuas: Tuarascáil Choimisiún na Gaeltachta (2002); Staidéar Cuimsitheach Teangeolaíoch ar úsáid na Gaeilge sa Ghaeltacht (2007). Sa mhodúl seo, breathnófar ar na tátail a baineadh as na cáipéisí taighde sin chomh maith leis an bhfreagra a thug an stát orthu sa Straitéis 20 Bliain don Ghaeilge 2010-2030 agus in Acht na Gaeltachta 2012 go háirithe. Is in Acht na Gaeltachta 2012 a leagtar amach próiseas na pleanála teanga in Éirinn, bíodh sin sna Limistéir Pleanála Teanga Ghaeltachta, sna Bailte Seirbhíse Gaeltachta nó sna Líonraí Gaeilge. Caithfear solas ar bhuanna agus ar laicisí an chórais sin agus déanfar measúnú ar dhornán pleananna teanga a d'eascair as.

Course Facts

ECTS: 5

NFQ Level: 9

Duration: 12 weeks, part-time

Mode of study: Blended learning

Fees: €650

Start date: Semester 2, 2024

The mode of study for this module is blended (in-person and online). Assessment will be carried out on a continuous basis.



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An Caighdeán Oifigiúil

Pléifear sa mhodúl seo le stair, forbairt agus feidhm an Chaighdeáin Oifigiúil. Scrúdófar na tréithe is suntasaí den Chaighdeán mar bhunchloch do chóras gramadaí na Gaeilge. Déanfar anailís ar na hathruithe atá tagtha ar an gCaighdeán le teacht i bhfeidhm CO 2016.

Course Facts

ECTS: 10

NFQ Level: 9

Duration: 12 weeks, part-time

Mode of study: Blended learning

Fees: €850

Start date: Semesters 1 & 2, 2023/24

The mode of study for this module is blended (in-person and online). Assessment will be carried out on a continuous basis.



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An Anailís Sochtheangeolaíochta II

Sa mhodúl seo, déanfar plé agus anailís ar phróiseas an aistriú teanga agus ar na comharthaí sóirt a bhaineann leis. Pléifear an tionchar a bhíonn ag an aistriú teanga ní hamháin ar an bpobal urlabhra, ach ar an gcineál teanga a labhraítear chomh maith céanna. Músclaíonn sé seo ceisteanna idé-eolaíochta a bhaineann le dlisteanas agus barántúlacht teanga (Woolard, 2016). Déanfar plé, mar sin, ar an measúnú a dhéanann an pobal urlabhra ar leaganacha nua cainte a thagann chun cinn ina measc mar thoradh ar phróiseas an aistriú teanga (Ó Murchadha, 2019). Cuirfear oiliúint ar an mac léinn cén chaoi le hanailís díoscúrsa a dhéanamh, ar thras-scríbhinní agallaimh, mar shampla, chun go bhféadfaí léargas a fháil ar an idé-eolaíocht atá ag cainteoir i leith na héagsúlachta teanga. Ina theannta sin, déanfar plé ar phróiseas an chothaithe teanga trí bhéim a leagan ar nuachainteoirí na Gaeilge (Walsh agus O'Rourke, 2015).

Course Facts

ECTS: 5

NFQ Level: 9

Duration: 12 weeks, part-time

Mode of study: Blended learning

Fees: €650

Start date: Semester 2, 2024

The mode of study for this module is blended (in-person and online). Assessment will be carried out on a continuous basis.





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Lawyering Technology and Innovation

The context and content for the application of the law, and particularly for legal practice, are continually changing. Rapid developments in machine learning and artificial intelligence are significant elements in this process. The aim of this module is provide students with the ability to understand the relationship between law and technology from both a theoretical and practical perspective. It will explore how technology and law are inter-related, with legal automation transforming the nature of legal practice, while law regulates the development of technology. The module seeks to provide students with hand-ons experience in developing useful tools for those working with the law, while also giving a grounding in critical perspectives on law and technology and enabling them to make informed decisions about when particular technologies are appropriate.

Course Facts

ECTS: 5

NFQ Level: 8

Duration: 12 weeks, part-time

Mode of study: Blended learning

Fees: €500

Start date: Semester 2, 2023/24

The mode of study for this module is blended (in-person and online). Assessment will be carried out on a continuous basis.





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Law and Analytics

Lawyers and technologists are now using software tools as a means of analysing legal information, including case law, legislation, and practice data. This module explores the use of analytics for and by lawyers. Incorporating insights from the use of analytics in other disciplines, and decades of experience in the development of business information systems, it provides learners with an opportunity to develop critical perspectives on the appropriateness of legal analytics in different contexts while also building their practical data management and analysis skills through hands-on projects.

Course Facts

ECTS: 5

NFQ Level: 8

Duration: 12 weeks, part-time

Mode of study: Online learning

Fees: €500

Start date: Semester 2, 2024

The mode of study for this module online. Assessment will be carried out on a continuous basis.



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Selling for Founders

This Micro-credential will help you to become proficient in founder selling: communicating your vision for your product/service and understanding how others may value your new offering.

- Are you a new business founder with a great product or service idea, but you don't know who to sell to or how to sell it?
- Are you an established business owner and working on a new product or service to bring to market and need to revisit your customer pipeline and sales strategy?
- Are you a creative professional Solopreneur with a passion for creativity but no sales experience or not enough customers?

Research shows that founder selling is critical to new venture development. Yet, entrepreneurs are often unprepared for this challenge. By the end of this course students will have a sales strategy for their business to elevate their sales journey.

Course Facts

ECTS: 5

NFQ Level: 9

Duration: 8 weeks, part-time

Mode of study: Blended learning

Fees: €650

Start date: Semester 2, 2024

The mode of study for this module Blended. Assessment will be carried out on a continuous basis.



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Selling for Founders on Spotify



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Digital Literacy and Young People

Much of the information is now consumed through various digital outlets, requiring young people to navigate and appraise digital sources of information. While young people are considered 'digital natives' there are still gaps in knowledge on how to assess the quality and reliability of information and on how to decide which sources are trustworthy. This micro-credential will also introduce the concept of artificial intelligence (AI), and discuss the challenges and opportunities it brings. Lastly, the module will address e-health literacy in young people.

Course Facts

ECTS: 10

NFQ Level: 9

Duration: 12 weeks, part-time

Mode of study: Online learning

Fees: €750

Start date: Semester 2, 2024

The mode of study for this module online. Assessment will be carried out on a continuous basis.





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Consent, Sexual Violence & Harassment: Practitioner Skills & Practice

The module supports practitioners, researchers, and advocates with an interest in these areas to further develop their approach to consent, sexual violence and harassment by reflecting on and addressing organisational culture, critically thinking about institutional structures and processes, and via targeted initiatives. Many of the strategies and skills called for by policies such as the Consent Framework are innovative, bringing an associated need for support for professional development. We are therefore learning together, and working in the area will be well served by developing a learning community that can mutually support a best practice model.

Course Facts

ECTS: 10
NFQ Level: 9
Duration: 12 weeks, part-time
Mode of study: Blended learning
Fees: €750
Start date: Semester 2, 2024

The mode of study for this module is blended (in-person and online). Assessment will be carried out on a continuous basis.

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Design your Life

Finding our way in today's complex and uncertain world is a challenging task. It is also an exciting prospect, with so many choices and options available to us. We therefore need tools and methods that can help us to figure out and discern our best professional and life choices, those likely to bring our lives the greatest fulfillment and meaning. Using Stanford University California's Designing Your Life methodology and Gallup Strengths assessment, this module will develop your understanding and skills in a range of practical and useful techniques and tools that you can use to figure out what your interests, talents and curiosities are, and envision what your professional life. As well as professional insight, the module will give you concepts and skills to support your personal, emotional and physical wellbeing, therefore helpful in navigating life at work.

Course Facts

ECTS: 5

NFQ Level: 8

Duration: 12 weeks, part-time

Mode of study: Blended learning

Fees: €500

Start date: Semester 2, 2024

The mode of study for this module is blended (in-person and online). Assessment will be carried out on a continuous basis.



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Scientific Arts

Scientific Arts is an interdisciplinary micro-credential in which students will learn: (1) how the brain perceives the world through the senses and builds predictive models of our environments, and (2) how this shapes our actions and interactions with objects and other agents. Students will express and illustrate their learning through creative practices, including artistic and technological media. Students will participate in lectures, seminars, and arts and creative technology workshops.

Course Facts

ECTS: 5

NFQ Level: 8

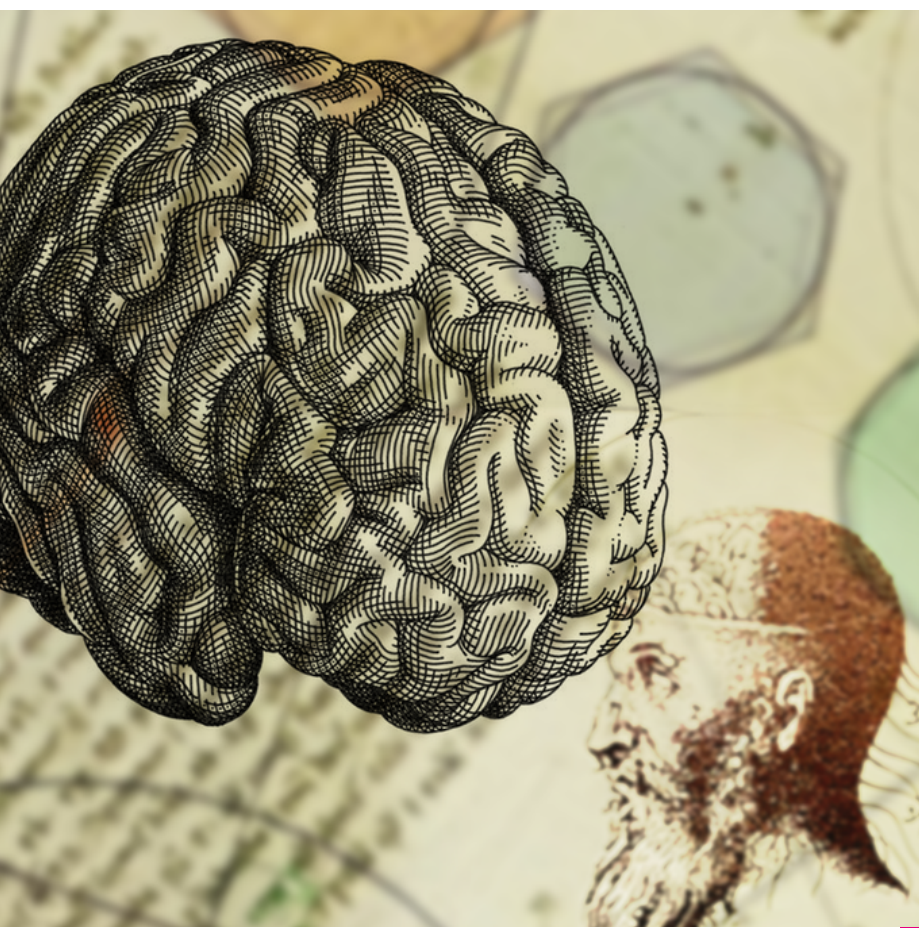
Duration: 12 weeks, part-time

Mode of study: Blended learning

Fees: €500

Start date: Semester 2, 2024

The mode of study for this module is blended (in-person and online). Assessment will be carried out on a continuous basis.



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Blended Learning and Teaching

This in-demand course aims to develop the capabilities of participants who are interested in incorporating digital learning practices, tools and strategies in their own professional contexts. The course content is designed to bring participants through hands-on tasks and strategies that support blended learning and teaching and online curriculum design.

Course Facts

ECTS: 10

NFQ Level: 8

Duration: 12 weeks, part-time

Mode of study: Online learning

Fees: €785

Start date: Semester 1, 2023

The mode of study for this module online. Assessment will be carried out on a continuous basis.



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