

## D2.5 FIRST RUN-EPA CATALOGUE OF JOINT EDUCATION OPPORTUNITIES

Type of Report: Public

December 2025

*Polytechnic University of Cávado and Ave, Portugal*



Co-funded by  
the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them. Grant Agreement Number: 101124674

## Table of Contents

Glossary of Terms.....	3
Executive Summary.....	4
1. Introduction.....	5
2. RUN-EPA Catalogue of Learning Opportunities.....	7
2.1 <i>RUN-EPA Catalogue of Learning Opportunities 2024</i> .....	7
2.2 <i>RUN-EPA Catalogue of Learning Opportunities 2025</i> .....	8
3. Conclusions.....	10
Appendix 1: RUN-EPA Catalogue of Learning Opportunities 2024.....	11
Appendix 2: RUN-EPA Catalogue of Learning Opportunities 2025.....	12

© 2025. This work is licensed under a [CC BY 4.0 license](#).

## Glossary of Terms

BIP	Blended Intensive Programme
COIL	Collaborative International Online Learning
ECTS	European Credit Transfer and Accumulation System
EDUHUB	Joint Education Hub
EMIC	European Mobility Innovation Centre
EPA	European Programmes Academy
EPA-Missions	EPA-European Programmes Academy Exploratory Missions
ERA	European Research Area
ESEC	European Stakeholder Engagement Centre
FAPSA	Future & Advanced Pedagogy Skills Academy
JP	Joint Programme
LEXS	Learner Exchange School
MOOC	Massive Open Online Course
RUN-EU	Regional University Network – European University
SAP	Short Advanced Programme
SLO	Short Learning Opportunity
WP	Work package

## Executive Summary

The RUN-EPA Catalogue of Learning Opportunities provides a comprehensive overview of all joint education opportunities developed and delivered by RUN-EU during the first two years of Cycle 2. RUN-EPA Catalogue of Learning Opportunities is published annually and this First Catalogue of RUN-EPA Joint Education Opportunities includes both the 2024 Catalogue (**Appendix 1**) and the 2025 Catalogue (**Appendix 2**). Learning offer reflects RUN-EU's commitment to fostering innovative, high-quality learning experiences that equip learners with future skills.

Over the course of Cycle 2, RUN-EU anticipates to develop over 140 learning opportunities, including short learning opportunities and Joint Programmes. The catalogue serves as a transparent record of progress and impact, supporting both internal communication and external visibility.

An updated version of the catalogue will be published annually, ensuring partners remain informed about achievements and milestones toward the final target. The full catalogue will be accessible in English on the RUN-EU website.

## 1. Introduction

The RUN-EPA Catalogue of Learning Opportunities is a key resource for documenting and showcasing the educational offer created within the RUN-EU alliance. It presents the range of learning opportunities available within RUN-EU, highlighting Short Learning Opportunities (SLOs), EPA-Missions, and Joint Programmes that are designed to meet the evolving needs of learners and society. RUN-EPA Catalogue of Learning Opportunities is published annually and this First Catalogue of RUN-EPA Joint Education Opportunities includes both the 2024 Catalogue (**Appendix 1**) and the 2025 Catalogue (**Appendix 2**).

RUN-EU offers wide range of short learning opportunities and engages learners across the alliance. During the first two years, the RUN-EU alliance has:

- Organised 85 SLOs, including 64 Short Advanced Programmes (SAPs), 13 Blended Intensive Programmes (BIPs), 1 Youth Exchange Programme (YES), 3 Learner Exchange Schools (LEXS), 1 Massive Open Online Course (MOOC), 1 Collaborative International Online Learning (COIL), and 2 other SLOs.
- Received 8,805 applications, demonstrating strong interest and demand for RUN-EU SLOs.
- Engaged 2,933 participants in SLOs, including 2,540 students and 393 staff (including both learners and organisers).

This catalogue is more than a list; it presents RUN-EU's strategic commitment to developing its joint educational offer through the Joint Education Hub (EDUHUB), with a strong focus on pedagogical and scientific innovation, the development of future skills, and the promotion of mobility. The Future and Advance Pedagogy Skills Academy (FAPSA) supports the planning and design of RUN-EU learning opportunities to ensure they are aligned with the RUN-EU pedagogical framework.

All RUN-EU learning opportunities are developed in close collaboration with regional partners, who are actively involved in the design and implementation of these programmes. This approach ensures that our educational offer is relevant and respond to the needs and strengths of our regions. By engaging regional stakeholders throughout the process, RUN-EU fosters innovation, supports regional development, and creates meaningful learning experiences that benefit both learners and our regions.

Certain learning opportunities are developed in collaboration with the RUN-EU European Mobility Innovation Centre (RUN-EMIC) and the RUN-EU European Stakeholder Engagement Centre (RUN-ESEC). These include learning opportunities such as the RUN-EU Ambassador Programme and EU Values programmes (RUN-EMIC) or programmes focusing on innovation, entrepreneurship, service learning and volunteering (RUN-ESEC).

By providing annual updates and a final comprehensive report, the catalogue ensures transparency, supports quality assurance, and strengthens the shared vision of delivering impactful European higher education. The catalogue is developed by the Joint Education Hub (EDUHUB) as part of the RUN-European Programmes Academy (RUN-EPA), which focuses on the creation and delivery of joint education courses and programmes. The full catalogue will be accessible in English on the RUN-EU website.

## 2. RUN-EPA Catalogue of Learning Opportunities

### 2.1 RUN-EPA Catalogue of Learning Opportunities 2024

The RUN-EPA Catalogue of Learning Opportunities 2024 ([Appendix 1](#)) provides a detailed overview of joint learning opportunities developed and delivered by RUN-EU partners during the year 2024.

RUN-EPA has worked purposefully to diversify its educational offerings in response to the evolving needs of learners, society and the labour market in our regions. The catalogue features a wide range of learning opportunities, including:

- **Short Advanced Programmes (SAP):** Transnational curricula are designed to address future skills needs and facilitate student mobility. They incorporate innovative pedagogical approaches and blended learning activities. SAPs are structured to equip learners with the specific competencies required by society and the labour market.
- **Blended Intensive Programmes (BIP):** Short, innovative programmes under Erasmus+ that combine physical mobility with virtual learning, employing modern teaching methods and challenge-based learning to tackle real-world issues.
- **Youth Exchange Schools (YES):** Intensive, in-person learning opportunities that foster interdisciplinary collaboration and problem-solving among participants from diverse educational and professional backgrounds.
- **Massive Open Online Courses (MOOCs):** Fully online, open-access courses designed for a broad audience, supporting career development and future skills acquisition.
- **EPA-European Programmes Adacemy Exploratory Missions (EPA-Missions):** Co-creation events that connect educators, researchers, and students across the alliance to develop learning opportunities in key EU priority areas, emphasizing student-centred learning and active participation.
- **RUN-EU Double Degree Programmes:** Full degree programmes enabling students to obtain degrees from two RUN-EU partner universities, expanding their academic and professional networks and enhancing their competitiveness in the global job market.
- **Practice-Based PhD Programmes:** Introduces several collaborative, practice-based PhD programmes being developed between RUN-EU partners.

The catalogue is developed by EDUHUB as part of the RUN-European Programmes Academy (RUN-EPA), which focuses on the creation and delivery of joint education courses and programmes. These learning opportunities are designed by transnational development teams, ensuring that students benefit from flexible learning experiences that incorporate the latest knowledge and skills in cutting-edge areas.

The RUN-EPA Catalogue of Joint Learning Opportunities 2024 invites students, staff, and stakeholders to explore and engage with the range of learning opportunities available across the RUN-EU alliance. These programmes develop future skills, foster international collaboration, and contribute to digital, green and societal transformation.

## 2.2 RUN-EPA Catalogue of Learning Opportunities 2025

The RUN-EPA Catalogue of Learning Opportunities 2025 (**Appendix 2**) presents a rich and evolving portfolio of joint learning opportunities developed and delivered by the RUN-EU Alliance in 2025. Building on the foundation laid in 2024, this catalogue reflects the alliance's ongoing commitment to pedagogical and scientific innovation, international collaboration, and the development of future skills for learners across Europe.

Compared to the previous year, the 2025 catalogue demonstrates significant growth and diversification of the learning offer. The alliance has expanded its range of programmes, by introducing new formats and strengthening existing ones. The catalogue includes:

- **Short Advanced Programmes (SAP):** The catalogue features a greater variety of SAPs, covering subjects ranging from cybersecurity and business analytics to sustainability, social innovation and the creative industries. As before, these programmes emphasise the development of future skills, transnational collaboration and flexible mobility.
- **Blended Intensive Programmes (BIP):** Building on the success of 2024, BIPs in 2025 offer even more opportunities for students and staff to engage in challenge-based learning, combining physical mobility with virtual collaboration. New themes such as AI in business, innovative pedagogy, and sustainable tourism reflect the alliance's responsiveness to emerging trends.

- **Learner Exchange Schools (LEXS):** The introduction and expansion of LEXS, formerly known as YES Programme or Summer & Winter School, provide short, intensive, in-person learning experiences focused on real-world problem-solving and stakeholder engagement. LEXS foster interdisciplinary teamwork and facilitate deep learning within a condensed timeframe.
- **Massive Open Online Courses (MOOC):** Fully online, open-access courses designed for a broad audience, supporting career development and future skills acquisition.
- **Collaborative Online International Learning (COIL):** The first RUN-EU COIL initiative introduced a new format of learning opportunities, making high-quality, accessible education available to a broader audience while promoting intercultural competence and digital literacy.
- **EPA-European Programmes Adacemy Exploratory Missions (EPA-Missions):** EPA-Missions have been further developed, with new thematic areas such as cybersecurity, smart manufacturing, creative regions in AI times, and sustainable tourism. The Final EPA-Mission brought together stakeholders to showcase the achievements of previous EPA-Missions and advance the development of high-quality, student-centred Joint Programmes across Europe.
- **RUN-EU Double Degree Programmes:** Full degree programmes enabling students to obtain degrees from two RUN-EU partner universities, expanding their academic and professional networks and enhancing their competitiveness in the global job market.
- **Practice-Based PhD Programmes:** Introduces collaborative, practice-based PhD in digitalisation engineering.

By continuously expanding and diversifying its learning offer, RUN-EPA supports the development of future skills, fosters international mobility, and strengthens the alliance's impact on European higher education.

### 3. Conclusions

The RUN-EPA Catalogue of Learning Opportunities documents all joint education opportunities created during the first two years of the RUN-EU2.0 and provides a clear and comprehensive picture of our progress toward the target. It not only serves as an informative resource but also as a tool for monitoring impact and ensuring accountability across partner institutions.

This catalogue reflects RUN-EU's commitment to pedagogical and scientific innovation, future skills development, and cross-institutional cooperation. Through annual updates and a final consolidated report, it enables partners to track achievements, identify areas for improvement, and celebrate milestones. Ultimately, the catalogue strengthens the shared vision of delivering high-quality, transformative European education that responds to societal needs and prepares learners with future skills.

## Appendix 1: RUN-EPA Catalogue of Learning Opportunities 2024

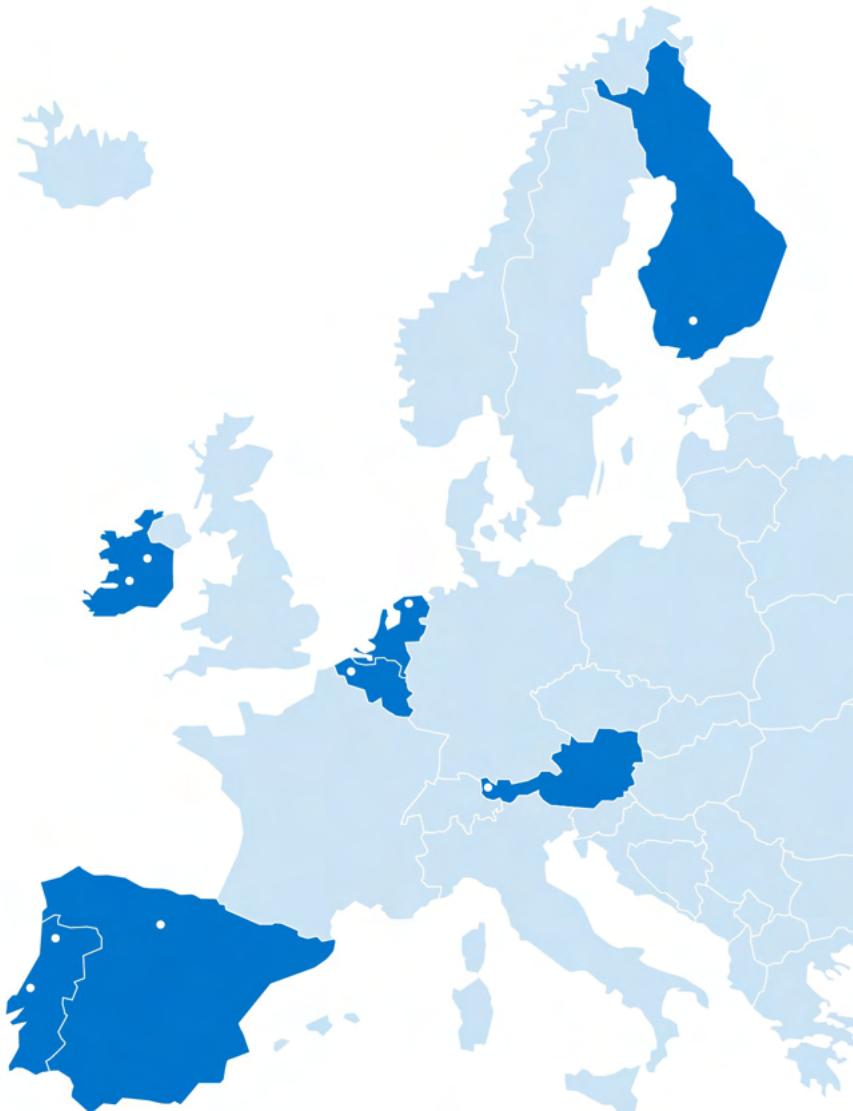


# RUN-EPA CATALOGUE OF LEARNING OPPORTUNITIES

2024

# Summary of RUN-EPA Learning Opportunities

CHRONOLOGICAL PATH 2024



If you want to read more about RUN-EU, please visit the website  
<https://run-eu.eu/about-us/>



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them. Grant Agreement Number: 101124674



# CONTENTS

INTRODUCTION	2
SHORT ADVANCED PROGRAMMES	5
BLENDED INTENSIVE PROGRAMMES	43
YOUTH EXCHANGE SCHOOLS	51
MASSIVE OPEN ONLINE COURSES	57
RUN-EUROPEAN PROGRAMMES	
ACADEMY EXPLORATORY MISSIONS	63
RUN-EU DOUBLE DEGREE PROGRAMMES	71
PRACTICE-BASED PHD PROGRAMMES	83

**Developed by**

RUN-European Programmes Academy, EDUHUB

**Graphic Design**

WP7 communication

# INTRODUCTION

The RUN-European Programmes Academy (RUN-EPA) Catalogue of Learning Opportunities provides an overview of the diverse and innovative learning opportunities available within the RUN-EU Alliance throughout the year 2024.

From Short Learning Opportunities, such as Short Advanced Programmes (SAPs), Blended Intensive Programmes (BIPs), Youth Exchange Schools (YESs), and Massive Open Online Courses (MOOCs), to more extensive learning pathways like the creation of EPA-Missions and RUN-EU Double Degree Programmes, this catalogue showcases the wide range of educational initiatives designed to enhance international collaboration and strengthen student and staff engagement.

The RUN-EPA Catalogue of Learning Opportunities is developed by the EDUHUB and is part of work of the European Programmes Academy (RUN-EPA). The RUN-EPA is focused on the development and delivery of joint education courses and programmes designed by transnational curriculum development teams to provide students with immersive and flexible learning experiences containing the most up-to-date knowledge and skills in cutting-edge areas.

We invite you to explore and take part in these exciting learning opportunities across the RUN-EU Alliance.

# SHORT ADVANCED PROGRAMMES

# SHORT ADVANCED PROGRAMMES

Short Advanced Programmes (SAPs) are transnational curricula designed to address future advanced skills needs, facilitate flexible transnational student mobility, and incorporate innovative pedagogies and blended learning activities.

They serve as a mechanism to enhance the effectiveness and flexibility of Higher Education (HE), while also offering upskilling and reskilling opportunities for the workforce.

SAPs are structured to equip learners with specific knowledge, skills, or competencies that respond to societal, personal, cultural, or labour market demands.

To ensure consistency and quality, SAPs must have clearly defined learning outcomes, aligned with a Qualification Framework level, specify the associated workload in ECTS credits, outline assessment methods and criteria, and adhere to quality assurance standards in accordance with the European Standards and Guidelines for Quality Assurance (ESG).

Furthermore, SAPs must comply with commonly agreed standards, providing clear definitions regarding mode of delivery, duration, workload, learning outcomes, ECTS range, assessment processes, validation, stackability, and other relevant aspects.

## › SAP Sustainable Marketing for Global Goals

This SAP aims to provide interdisciplinary students from across the RUN-EU network (future graduate global citizens) with an awareness of ethical and sustainable approaches to designing and implementing marketing strategies within the organisations they will be working with and for that contribute to the triple bottom line of planet, people and profit.

**Sustainable Marketing for Global Goals** is a RUN-EU Short Advanced Programme (SAP) jointly coordinated by the **Technological University of the Shannon** (Host), and the **NHL Stenden University of Applied Sciences**.

## › SAP Event-driven Innovation: Zooming in on The World Surf League 2024

During this SAP, students will prototype and test innovative solutions during the World Surf League 2024 (MEO Rip Curl Pro Portugal) stage in Peniche, Portugal's top surfing destination. Their design challenge will focus on maximising the impact of the event to ensure sustainable socio-economic, cultural and environmental benefits for the local community.

**Event-driven Innovation: Zooming In On The World Surf League 2024** is a RUN-EU Short Advanced Programme (SAP) jointly coordinated by the **NHL Stenden University of Applied Sciences**, the **Polytechnic University of Leiria** (Host), and the **Technological University of the Shannon**.

## › SAP Bee Analytics & Business

The conservation of bees is essential to our ecosystem. This SAP, which focuses on bee monitoring through analytics, opens up innovative business opportunities for a sustainable economy. Co-creation is a powerful method for generating value, enhancing consumer experiences, and creating impactful solutions for bee populations and European agriculture.

**Bee Analytics & Business** is a RUN-EU Short Advanced Programme (SAP) jointly coordinated by the **Häme University of Applied Sciences**, the **Howest University of Applied Sciences**, and the **University of Burgos** (Host).

## › SAP Preventing the Social Exclusion of Young People – 3<sup>rd</sup> Edition

Young people are among the most vulnerable in our society. One in five children live in families at risk of poverty and one-third of young adults in Europe are currently unemployed, not in education or training and therefore at risk of social exclusion. Social services, such as social work, can provide innovative and creative approaches to build inclusive and sustainable communities for young people and minimise social and climate inequalities.

**Preventing the Social Exclusion of Young People – 3rd Edition** is a RUN-EU Short Advanced Programme (SAP) jointly coordinated by the **Häme University of Applied Sciences**, the **NHL Stenden University of Applied Sciences**, and the **Vorarlberg University of Applied Sciences** (Host).

## ➤ SAP Project GO! Project APPLY! Project MANAGE! English for International Cooperation

Project management and communication is one of the key skills needed in the future. English is the common language in most international organisations and project management requires specialised language skills. Intercultural communication is also a crucial skill in the European workplace. This SAP aims to develop students' intercultural and project management skills by developing their English language skills needed to work on international projects.

**Project GO! Project APPLY! Project MANAGE! English for International Cooperation**  
is a RUN-EU Short Advanced Programme (SAP) jointly coordinated by the **Häme University of Applied Sciences** (Host), the **Polytechnic University of Leiria**, and the **Howest University of Applied Sciences**.

## ➤ SAP Meaningful Content Production

In the fast-paced world of media, three pillars stand tall: timelessness, relevance, and engagement. It's these elements that breathe life into every piece of content, leaving an indelible mark on its audience.  
This SAP is your ticket to mastering the art of creating impactful media.  
You will be guided through the intricacies of content creation, and given the tools to captivate, influence, and inspire.

**Meaningful Content Production** is a RUN-EU Short Advanced Programme (SAP) jointly coordinated by the **Technological University of the Shannon**, and the **NHL Stenden University of Applied Sciences** (Host).

## › SAP Inclusive Tourism

Inclusive tourism is an approach that seeks to provide equal travel opportunities for all, removing barriers for individuals regardless of background or ability. It's not just a trend but a conscious effort to promote equal participation in the tourism industry.

**Inclusive Tourism** is a RUN-EU Short Advanced Programme (SAP) jointly coordinated by the **Polytechnic University of Cávado and Ave** (Host), and the **NHL Stenden University of Applied Sciences**.

## › SAP Ethics & Values in Hospitality and Tourism Management – 2<sup>nd</sup> Edition

This SAP engages students in cutting-edge research that addresses ethical challenges within the hospitality and tourism sector, framed within the United Nations Sustainable Development Goals. The programme aims to foster a critical understanding of ethical research in hospitality management and provides experiential learning opportunities.

**Ethics & Values in Hospitality and Tourism Management** is a RUN-EU Short Advanced Programme (SAP) jointly coordinated by the **NHL Stenden University of Applied Sciences** (Host), and the **Technological University of the Shannon**.

## › SAP Smart Everything – 3<sup>rd</sup> Edition

This SAP provides an introductory overview of how to apply the latest technological advances, including visual programming, AI, IoT and AR, in real-world environments.

With a curriculum tailored to the needs of industry across a range of sectors, students will gain insight into how these innovations are driving digital development, responsive devices, automation and optimisation across a range of areas.

**Smart Everything** is a RUN-EU Short Advanced Programme (SAP) jointly coordinated by the **Häme University of Applied Sciences** and the **Polytechnic University of Cávado and Ave** (Host).

## › SAP Critical Events Perspectives

The current economic and social climate has changed drastically in recent years and the increasingly competitive environment demands high quality services. Post-COVID, clients, visitors and residents are even more demanding about the impact of events, with a particular focus on resilience and sustainable outcomes. This SAP addresses several key issues that are considered critical to succeed in the current economic climate, anticipating future challenges, and reflects on the ethical issues that arise in the management and evaluation of events, with a particular focus on the impact on regional development.

**Critical Events Perspectives** is a RUN-EU Short Advanced Programme (SAP) jointly coordinated by the **NHL Stenden University of Applied Sciences**, and the **Polytechnic University of Leiria** (Host).

## › SAP European Values and the 2024 European Parliament Elections – 2<sup>nd</sup> edition

This SAP will immerse students in the exploration of European values and their impact on the 2024 European Parliament elections, combining theoretical learning with practical projects.

It fosters key skills such as teamwork, critical thinking and project management, which are relevant across different career fields.

**European Values and the 2024 European Parliament Elections** is a RUN-EU Short-Advanced Programme (SAP) jointly coordinated by the **NHL Stenden University of Applied Sciences** (Host) and the **Polytechnic University of Leiria**.

## › SAP Engineering Applications in Python – 3<sup>rd</sup> Edition

Python programming language, which is an object-oriented, high-level programming language with dynamic semantics, will be used. It is open-source and available for all major platforms and is being used by a large and supportive community of users.

Jointly coordinated by the **Polytechnic University of Leiria** and the **Technological University of the Shannon** (Host), the Short Advanced Programme (SAP) **Engineering Applications in Python – 3<sup>rd</sup> edition** aims to introduce programming to undergraduate and postgraduate students with some knowledge of a programming language and is oriented to engineering applications.

## › SAP Hack Your Device Fundamentals of Cyber Security – 2<sup>nd</sup> Edition

The RUN-EU Short Advanced Programme (SAP) **Hack Your Device – Fundamentals of Cyber Security** will focus on diagnosing IoT-related threats, detecting current and future attacks, effectively communicating information security, and applying business principles for analysis, decision-making and problem-solving.

This SAP is jointly coordinated by the **Technological University of the Shannon** (Host), the **NHL Stenden University of Applied Sciences**, the **Polytechnic University of Leiria**, the **Polytechnic University of Cávado and Ave**, and the **Vorarlberg University of Applied Sciences**.

## › SAP Numerical Methods with Python Programming – 2<sup>nd</sup> Edition

The students will acquire general skills in elementary numerical analysis, and knowledge and techniques associated with problems and engineering sciences applications.

Jointly coordinated by the **Polytechnic University of Leiria** (Host) and the **Technological University of the Shannon**, the Short Advanced Programme (SAP) **Numerical Methods with Python Programming** will introduce numerical methods to undergraduate and postgraduate students with some basic Python programming language skills and some mathematics skills in differentiation and integration.

## › SAP Drawing & Technology – 2<sup>nd</sup> Edition

In today's technologically driven society, what role does traditional drawing play in preserving our cultural heritage?

The RUN-EU Short Advanced Programme (SAP) **Drawing, Technology & Cultural Heritage – 2<sup>nd</sup> edition** will help discover how traditional values intersect with contemporary art & design practice and technological sophistication.

This course aims to provide an in-depth analysis of visual note-taking and the methodology of 'thinking on paper', the process making of visual and contextual observations and the subsequent stages involved in building connections for meaningful narrative and composition.

This SAP is jointly coordinated by the **Technological University of the Shannon** (Host), and the **Polytechnic University of Cávado and Ave**.

## › SAP Sustainability in the Context of Tourism along the Camino de Santiago

Our primary objectives include assessing the current state of tourism along the Central Portuguese Camino de Santiago, scrutinising the role of Heritage Interpretation in sustainable tourism development, and proposing practical strategies to achieve equilibrium between tourism, heritage preservation, and environmental sustainability.

Jointly coordinated by the **Polytechnic University of Cávado and Ave** (Host) and the **Technological University of the Shannon**, the Short Advanced Programme (SAP) **Sustainability in the Context of Tourism along the Camino de Santiago** focuses on sustainability within the Camino de Santiago tourism framework.

## › SAP Artificial Intelligence 2AI Research Challenge – 2<sup>nd</sup> Edition

The SAP programme is divided into two components: training and group research. All students will prepare an oral presentation of the projects developed in the scientific communication sessions of the IPCA R&D units.

Jointly organised by the **Polytechnic University of Cávado and Ave** (Host), and the **Technological University of the Shannon**, the second edition of the SAP Research Challenge **Artificial Intelligence 2AI** will promote the development of in-person R&D activities, focused on the field of Artificial Intelligence 2AI.

## › SAP Accounting and Finance CICF Research Challenge – 2<sup>nd</sup> Edition

The SAP programme is divided into two components: training and group research. All students will prepare an oral presentation of the projects developed in the scientific communication sessions of the IPCA R&D units.

Jointly organised by the **Polytechnic University of Cávado and Ave** (Host), and the **Technological University of the Shannon**, the second SAP Research Challenge **Accounting and Finance CICF** is designed to encourage the development of face-to-face R&D activities focused on discussing new challenges and critical perspectives in Accounting and Finance Research.

## > SAP Management Research Challenge

The SAP programme is divided into two components: training and group research. All students will prepare an oral presentation of the projects developed in the scientific communication sessions of the IPCA R&D units.

Jointly organised by the **Polytechnic University of Cávado and Ave** (Host), and the **Technological University of the Shannon**, the SAP Research Challenge **Management** will promote the development of in-person R&D activities focused on the discussion of new challenges and critical perspectives in Management Research.

## > SAP Design ID+ Research Challenge – 2<sup>nd</sup> Edition

The SAP programme is divided into two components: training and group research. All students will prepare an oral presentation of the projects developed in the scientific communication sessions of the IPCA R&D units.

Jointly organised by the **Polytechnic University of Cávado and Ave** (Host), and the **Technological University of the Shannon**, the second edition of the SAP Research Challenge **Design ID+** aims to promote the development of in-person R&D activities, focused on the field of Design ID+I.

## › SAP Regional Energy System – Vision 2040 Challenge

Energy autonomy or energy self-sufficiency? This is a central question for the future energy system, especially in rural regions of Europe.

The 2024 Students Week, hosted by the **Vorarlberg University of Applied Sciences**, will feature five Short Advanced Programme Challenges. The **Regional Energy System – Vision 2040 Challenge** is jointly organised by **Vorarlberg University of Applied Sciences** and the **Häme University of Applied Sciences**.

## › SAP Future Explorations Challenge

Global challenges are the starting point for this SAP Challenge, which uses methods of trend analysis, future assessment and design futuring, to explore pathways to an ecologically and socially sustainable future.

The 2024 Students Week, hosted by the **Vorarlberg University of Applied Sciences**, will feature five Short Advanced Programme Challenges. The **Future Explorations Challenge** is jointly organised by the **Häme University of Applied Sciences**, and the **NHL Stenden University of Applied Sciences**.

## › SAP AI for a Sustainable Future Challenge

This SAP Challenge is a week-long journey where students explore the potential of AI to address key challenges across multiple sectors.

The 2024 Students Week, hosted by the **Vorarlberg University of Applied Sciences**, will feature five Short Advanced Programme Challenges. The **AI for a Sustainable Future Challenge** is jointly organised by **Vorarlberg University of Applied Sciences**, and the **NHL Stenden University of Applied Sciences**.

## › SAP Building the Born Global Firm Challenge

Reaching, serving and retaining customers globally and building a global brand and market presence is a challenging task for any business.

The 2024 Students Week, hosted by **the Vorarlberg University of Applied Sciences**, will feature five Short Advanced Programme Challenges. The **Building the Born Global Firm** is jointly organised by **Vorarlberg University of Applied Sciences** and the **Technological University of the Shannon**.

## › SAP Introduction to the Social and Solidarity Economy Challenge

The Social and Solidarity Economy (SSE) addresses today's challenges without relying on commercial enterprises or the state. Its importance has grown since the 21st century, culminating in a UN resolution in April 2023 promoting SSE for sustainable development.

The 2024 Students Week, hosted by the **Vorarlberg University of Applied Sciences**, will feature five Short Advanced Programme Challenges. The **Introduction to the Social and Solidarity Economy Challenge** is jointly organised by the **Technological University of the Shannon**.

## › SAP Service-Learning Programme for Lecturers

This SAP aims to enable lecturers to implement service-learning methods in undergraduate and postgraduate courses.

The Short Advanced Programme (SAP) **Service Learning Programme for Lecturers** is jointly coordinated by the **University of Burgos** (Host), the **NHL Stenden University of Applied Sciences**, the **Vorarlberg University of Applied Sciences**, and the **Technological University of the Shannon**.

## › SAP Vital schools – Movement-friendly Playground

This SAP focuses on enhancing student well-being at school, particularly addressing the issue of excessive sitting and lack of physical activity, which has become more prominent since the coronavirus crisis. The programme begins with online sessions that provide knowledge and skills to reduce sedentary time and promote movement in schools. Participants will explore why young people tend to sit for long periods and what motivates them to be more active, including the concept of nudging.

**The Short Advanced Programme (SAP) Vital Schools – Movement-Friendly Playground** is jointly coordinated by the **Howest University of Applied Sciences** (Host), and the **Polytechnic University of Leiria**.

## › SAP A Successful AI-Driven Product Innovation

This SAP provides a comprehensive exploration of the principles and practices essential for successful product innovation, using the capabilities of AI.

**The Short Advanced Programme (SAP) A Successful AI-Driven Product Innovation** is jointly coordinated by the **Howest University of Applied Sciences** (Host), the **Häme University of Applied Sciences**, and the **University of Burgos**.

## › SAP Geopolitical Challenges in a Rapidly Changing World – 2<sup>nd</sup> edition

We all live in a global world. This world is changing rapidly, which brings with it certain challenges, especially in a geopolitical context. This SAP will help prepare RUN-EU students for these challenges by addressing questions such as: What is geopolitics? / Why is it important? / What factors influence it? / How can we deal with geopolitical challenges?

Jointly organised by the **Polytechnic University of Leiria** (Host), and the **NHL Stenden University of Applied Sciences**, the RUN-EU Short Advanced Programme (SAP) **Geopolitical Challenges in a Rapidly Changing World – 2nd edition**, will help prepare RUN-EU students for the challenges in geopolitical context.

## › SAP Unlocking the Power Within: The Creative Path to Transformative Brain and Integrative Health Practices

Short Advanced Programme (SAP) **Unlocking the Power Within: The Creative Path to Transformative Brain and Integrative Health Practices** is a broadly interdisciplinary programme based on a conceptual and theoretical relationship between the Arts, Social Sciences, Health, and Neurosciences.

Jointly coordinated by the **Polytechnic University of Leiria** (Host), the **NHL Stenden University of Applied Sciences** and the **Technological University of the Shannon**.

## > SAP Game Changing Games – 4<sup>th</sup> edition

In this SAP, students will understand how game designers can address these complexities to incite change, fostering the sustainable co-existence of humans and the ecological systems. Creating games that motivate people to engage with these topics in a playful way could be one way of making critical issues intelligible and experienceable.

The SAP is jointly coordinated by the **Polytechnic University of Cávado and Ave** (Host), the **Vorarlberg University of Applied Sciences**, and the **NHL Stenden University of Applied Sciences**.

## > SAP How to Become a True Ambassador for RUN-EU?

In this SAP students will take on the role of ambassadors, mastering inclusive communication techniques that break down barriers and foster meaningful connections.

The Short Advanced Programme (SAP) **How to Become a True Ambassador for RUN-EU** is jointly coordinated by the **Howest University of Applied Sciences** (Host) and the **Häme University of Applied Sciences**.

## › SAP Innovative methods in Mental Wellbeing

This SAP offers a comprehensive exploration of many recent innovative methodologies in the field of mental wellbeing that seek to provide an answer to these 'new' complaints, taking into account the limitations of this 'new' global society, but also making use of its opportunities.

The Short Advanced Programme (SAP) **Innovative Methods in Mental Wellbeing** is jointly coordinated by the **Howest University of Applied Sciences** (Host) and the **Technological University of the Shannon**.

## › SAP Eurovalues Nexus: Empowering European Citizens

This SAP aims to empower participants to become active and informed European citizens, committed to upholding and promoting core European values, by bridging the gap between theoretical understanding and practical implementation.

Jointly coordinated by the **Vorarlberg University of Applied Sciences** (Host), and the **Polytechnic University of Leiria**, the Short Advanced Programme (SAP) **Eurovalues Nexus: Empowering European Citizens**.

## BLENDDED INTENSIVE PROGRAMMES

# BLENDED INTENSIVE PROGRAMMES

Blended Intensive Programmes (BIPs) under ERASMUS+ are short, innovative programmes that combine physical mobility with virtual learning. They employ modern teaching methods, such as online collaboration and challenge-based learning, where transnational and transdisciplinary teams tackle real-world issues, including those linked to the United Nations Sustainable Development Goals.

BIPs provide added value beyond existing courses and may run on a multiannual basis. They offer flexible mobility opportunities, engaging students from diverse backgrounds, disciplines, and academic levels.

Higher education institutions collaborate to organise BIPs for students and staff, incorporating a short-term physical mobility experience abroad alongside a compulsory virtual component.

This online element fosters collaborative learning, teamwork, and engagement in integrated assignments that contribute to the programme's overall learning outcomes.

## › BIP Scenario Analysis: Decision-Making Using Modern Tools

Experience a captivating journey into an alternate world where the East India Company never colonized India in 1800 AD. In this BIP, students delve deep into the realm of historical 'what ifs' and their potential impact on today's political landscape.

Jointly coordinated by **University of NHL Stenden University of Applied Sciences, Häme University of Applied Sciences (HAMK), and Burgos University (UBU)**.

## › BIP CoCreation Challenges: Public Finance and SDG Application

This BIP will help public institutions implement the SDGs at regional and international level. The aim is to highlight SDG 1 – “Eradicate poverty in all its forms everywhere”. The challenge for students is how to help public municipalities successfully implement this goal.

Jointly coordinated by **Polytechnic University of Cávado and Ave, the NHL Stenden University of Applied Sciences (NHL Stenden) and University of Burgos (UBU)**.

## › BIP Inclusion and Technology

Organised by research groups in the four universities' educational areas, this course aims to help participants acquire tools to promote student inclusion through technology.

Jointly coordinated by **University of Burgos (UBU)**, **Häme University of Applied Sciences (HAMK)**, **Polytechnic University of Leiria (IPLeiria)** and **NHL Stenden University of Applied Sciences**.

## › BIP Responsible Consumption and Production

Responsible consumption and production are a crucial aspect of sustainable development, and it involves using resources efficiently, minimizing waste, and ensuring that consumption patterns do not harm the planet and compromise the needs of future generations.

Jointly coordinated by **Polytechnic University of Cávado and Ave**, the **Howest University of Applied Sciences (Howest)**, and **University of Burgos (UBU)**.

## YOUTH EXCHANGE SCHOOLS

# YOUTH EXCHANGE SCHOOLS

**Youth Exchange Schools** (YES) are intensive, self-contained short learning opportunities (SLOs) that take place exclusively in person over a limited period, typically one to two weeks, though formats of up to four weeks are possible. Participants engage in analysing real-world problems within a clearly defined subject area and develop concrete solutions, often involving internal and external university stakeholders.

Aimed at experienced learners and educators, YES incorporate diverse didactic formats and bring together participants with varying educational and professional backgrounds. The programme is designed to foster interdisciplinary collaboration, enabling the exchange of ideas and the development of innovative solutions through intensive, in-depth teamwork.

The success of YES relies on experienced educators proficient in a range of teaching and learning methods, who can effectively facilitate collaborative problem-solving. External partners may also be involved, either as contributors to the challenges addressed or as partners in developing solutions.

## > YES! Youth Exchange School – The Subtle Art of Communication

This learning opportunity offers participants several benefits, including honing interpersonal skills, enhancing public speaking abilities, and improving conflict resolution. In our interconnected world, communication is the lifeblood of human interaction. From verbal exchanges to nonverbal cues, understanding the dynamics of communication is key to fostering meaningful connections and effective collaboration. International communication adds a layer of complexity, transcending cultural and linguistic boundaries.

The YES is coordinated by the **Häme University of Applied Sciences** (Host).



## MASSIVE OPEN ONLINE COURSE

# MASSIVE OPEN ONLINE COURSES

Massive Open Online Courses (MOOCs) are fully online, open-access courses designed for a diverse audience with no participant limits or formal admission requirements, although prior knowledge may be recommended.

They offer flexible, self-paced learning and provide 1–3 ECTS, with free participation but optional fees for certificates or study credits.

Developed in collaboration with external partners, MOOCs align with regional innovation hubs and future skills needs, supporting career development and ensuring learning outcomes through evaluation. Ideally created by multiple RUN-EU institutions, they form part of RUN-EU's official learning opportunities, offering accessible, high-quality education.

## > MOOC Prompt Engineering

In this dynamic and hands-on course, students dive into the exciting world of Artificial Intelligence (AI) and learn the art of crafting effective prompts to guide AI systems.

MOOC on **Prompt Engineering** is coordinated by the **Howest University of Applied Sciences**.

# RUN-EUROPEAN PROGRAMMES ACADEMY EXPLORATORY MISSIONS

# RUN-EUROPEAN PROGRAMMES ACADEMY EXPLORATORY MISSIONS

The **RUN-EPA Exploratory Missions (EPA-Missions)** are short, in-person co-creation events that connect participants across the alliance with the aim to develop learning opportunities for RUN-EU learners in key EU priority areas. These can include short-term programmes (e.g., SAPs, COILs, MOOCs) or joint programmes (e.g., joint, double, or multiple degrees).

Diverse participant groups - including educators, researchers, and students - form knowledge creation teams that co-develop ideas for joint learning opportunities based on regional challenges and future skills requirements. Local stakeholders support the development process as advising entity and provide valuable insights on regional challenges.

The pedagogical approach of the EPA-Missions emphasizes the RUN-EU pedagogical framework by focusing on student-centred learning and active participation, while peer- and self-assessment foster collaboration and well-being.

Nine EPA-Missions - one by each RUN-EU partner - are implemented in line with the thematic areas relevant to the development of the RUN-EU regions. The 10th and final EPA-Mission synthesises outcomes of the previous nine and fosters interdisciplinary learning opportunities.

## › EPA-Mission in Education and Social Sciences

The EPA-Mission aims to bring together teachers, researchers and students from the field of Education and Social Sciences (e.g., Social Work, Social Care, Youth Work, Community Development, Educational Sciences, Adult Education, etc.) from all RUN-EU partner institutions to generate ideas for interdisciplinary joint learning opportunities. The co-creation process is supported by input from local stakeholders as well as representatives from the RUN-EU Future and Advanced Pedagogy Skills Academy.

The European Programmes Academy Exploratory Mission (EPA-Mission) is coordinated and implemented by the **Vorarlberg University of Applied Sciences (FHV)**.

## › EPA-Mission in Food and Biotechnology

The EPA-Mission aims to bring together teachers, researchers and students from the fields of Food and Biotechnology (e.g., Climate Smart Agriculture, Professional Horticulture, Sustainable Development, Bioeconomy, Biotechnology, Data Analytics, IoT Technology, etc.) from all RUN-EU partner institutions to generate ideas for interdisciplinary joint learning opportunities. The co-creation process is supported by input from local stakeholders as well as representatives from the RUN-EU Future and Advanced Pedagogy Skills Academy.

The European Programmes Academy Exploratory Mission (EPA-Mission) is coordinated and implemented by the **Häme University of Applied Sciences (HAMK)**.

## › EPA-Mission in Climate Change – Circular Economy and Decarbonisation

The EPA-Mission aims to bring together teachers, researchers and students from the fields of Climate Change – Circular Economy and Decarbonisation (e.g., Climate Change, Sustainable Production, Ocean and Coastal Economies, Environmental Studies, Circular Economy, Sustainable Energy Studies, etc.) from all RUN-EU partner institutions to generate ideas for interdisciplinary joint learning opportunities. The co-creation process is supported by input from local stakeholders as well as representatives from the RUN-EU Future and Advanced Pedagogy Skills Academy.

The European Programmes Academy Exploratory Mission (EPA-Mission) is coordinated and implemented by the **Polytechnic University of Leiria** (IPLeiria).

## › EPA-Mission in Health, Wellbeing and Technology

The EPA-Mission aims to bring together teachers, researchers and students from the fields of Health, Wellbeing and Technology (e.g., Sports and Movement, Applied Sports Science, Performance Technology and Sports, Sports Development and Coaching, Nutrition and Health Science, Sports and Wellbeing, Sports and Recreation, etc.) from all RUN-EU partner institutions to generate ideas for interdisciplinary joint learning opportunities. The co-creation process is supported by input from local stakeholders as well as representatives from the RUN-EU Future and Advanced Pedagogy Skills Academy.

The European Programmes Academy Exploratory Mission (EPA-Mission) is coordinated and implemented by the **Howest University of Applied Sciences** (Howest).

# RUN-EU DOUBLE DEGREE PROGRAMMES



# RUN-EU DOUBLE DEGREE PROGRAMMES

The **RUN-EU Double Degree Programmes** (DDPs) are full degree programmes that offer students the opportunity to complete a study period abroad while simultaneously obtaining degrees from two RUN-EU partner universities.

DDPs provide students with a range of benefits, such as gaining more comprehensive knowledge and perspectives by studying in two different countries, accessing resources and faculty expertise across institutions, expanding their networks of colleagues and friends, and becoming more competitive in the global job market.

Graduates of RUN-EU DDPs join a network of like-minded, regionally focussed European peers that are equipped with the necessary future skills to tackle ever-changing global and societal challenges and are dedicated to societal transformation in their regions.

RUN-EU students can choose from seven DDPs—three leading to a Bachelor's degree and four to a Master's degree—spanning a variety of disciplines and universities within the RUN-EU network.

## › RUN-EU Double Degree Programme: Master in Electronics Engineering and Computers and Mechatronics

The RUN-EU Double Degree Master's Programme in **Electronics and Engineering and Computers and Mechatronics** is jointly coordinated by the **Polytechnic University of Cávado and Ave (IPCA)** and the **Vorarlberg University of Applied Sciences (FHV)**.

## › RUN-EU Double Degree Programme: Bachelor in International Business

The RUN-EU Double Degree Bachelor's Programme in **International Business** is jointly coordinated by the **Vorarlberg University of Applied Sciences (FHV)** and the **Häme University of Applied Sciences (HAMK)**.

## › RUN-EU Double Degree Programme: Master in Electrical and Electronic Engineering and Mechatronics

The RUN-EU Double Degree Master's Programme in **Electrical and Electronic Engineering and Mechatronics** is jointly coordinated by the **Polytechnic University of Leiria** (IPLeiria) and the **Vorarlberg University of Applied Sciences** (FHV).

## › RUN-EU Double Degree Programme: Bachelor in Mechanical Engineering and Mechatronics

The RUN-EU Double Degree Bachelor's Programme in **Mechanical Engineering and Mechatronics** is jointly coordinated by the **Polytechnic University of Leiria** (IPLeiria) and the **Vorarlberg University of Applied Sciences** (FHV).

## › RUN-EU Double Degree Programme: Master in International Management and Leadership and Sustainable Business

The RUN-EU Double Degree Master's Programme in **International Management and Leadership and Sustainable Business** is jointly coordinated by the **Vorarlberg University of Applied Sciences** (FHV) and the **Häme University of Applied Sciences** (HAMK).

## › RUN-EU Double Degree Programme: Master in Informatics Engineering and Computer Science

The RUN-EU Double Degree Master's Programme in **Informatics Engineering and Computer Science** is jointly coordinated by the **Polytechnic University of Cávado and Ave** (IPCA) and the **Vorarlberg University of Applied Sciences** (FHV).

## › RUN-EU Double Degree Programme: Bachelor in InterMedia and Smart and Sustainable Design

The RUN-EU Double Degree Bachelor's Programme in **InterMedia and Smart and Sustainable Design** is jointly coordinated by the **Vorarlberg University of Applied Sciences** (FHV) and the Häme University of Applied Sciences (HAMK).

# PRACTICE-BASED PHD PROGRAMMES

# PRACTICE-BASED PHD PROGRAMMES

The RUN European University offers collaborative PhD degree programmes in areas such as Digitalisation Engineering, Tourism, Social Sciences, Biotechnology, Design, Sustainable Polymers and Entrepreneurship.

Research candidates may register on collaborative master's by Research (MEng/MSc) programmes which allow them an opportunity to progress to PhD studies. Each individual research programme represents a collaboration between two or more RUN-EU partners, in partnership with regional organisations, and with academia-business cooperation mechanisms.

The supervisory team for each programme includes co-supervision from two or more of the regional partners, in collaboration with an industry advisor as appropriate.



Our students will  
inherit the future

## Appendix 2: RUN-EPA Catalogue of Learning Opportunities 2025

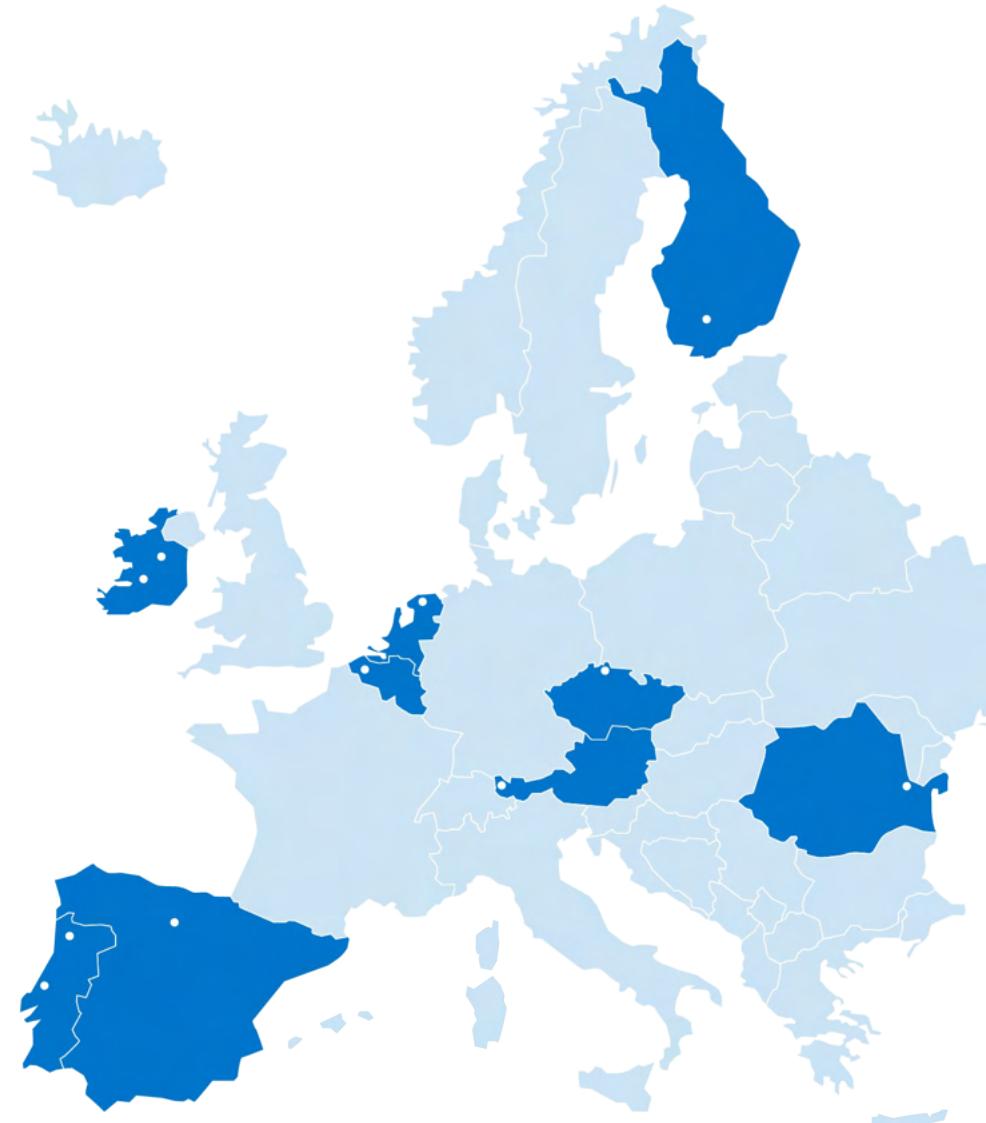


# RUN-EPA CATALOGUE OF LEARNING OPPORTUNITIES

2025

# Summary of RUN-EPA Learning Opportunities

CHRONOLOGICAL PATH 2025



If you want to read more about RUN-EU, please visit the website  
<https://run-eu.eu/about-us/>

# CONTENTS

INTRODUCTION	2
SHORT ADVANCED PROGRAMMES	5
BLENDED INTENSIVE PROGRAMMES	39
LEARNER EXCHANGE SCHOOLS	53
MASSIVE OPEN ONLINE COURSES	61
COLLABORATIVE ONLINE INTERNATIONAL LEARNING	67
RUN-EUROPEAN PROGRAMMES	
ACADEMY EXPLORATORY MISSIONS	73
RUN-EU DOUBLE DEGREE PROGRAMMES	83
PRACTICE-BASED PHD PROGRAMMES	95

**Developed by**

RUN-European Programmes Academy, EDUHUB

**Graphic Design**

WP7 communication

Jali Närhi, HAMK

# INTRODUCTION

The RUN-European Programmes Academy (RUN-EPA) Catalogue of Learning Opportunities provides an overview of the diverse and innovative learning opportunities available within the RUN-EU Alliance throughout the year 2025.

From Short Learning Opportunities, such as Short Advanced Programmes (SAPs), Blended Intensive Programmes (BIPs), Learner Exchange Schools (LEXS), Massive Open Online Courses (MOOCs), Collaborative Online International Learning (COIL), and EPA-Missions to more extensive learning pathways like RUN-EU Double Degree Programmes and Practice-based PhD Programmes, this catalogue showcases the wide range of educational initiatives designed to enhance international collaboration and strengthen student and staff engagement.

The RUN-EPA Catalogue of Learning Opportunities is developed by the EDUHUB and is part of work of the European Programmes Academy (RUN-EPA). The RUN-EPA is focused on the development and delivery of joint education courses and programmes designed by transnational curriculum development teams to provide students with immersive and flexible learning experiences containing the most up-to-date knowledge and skills in cutting-edge areas.

We invite you to explore and take part in these exciting learning opportunities across the RUN-EU Alliance.

# SHORT ADVANCED PROGRAMMES

# SHORT ADVANCED PROGRAMMES

Short Advanced Programmes (SAPs) are transnational curricula designed to address future advanced skills needs, facilitate flexible transnational student mobility, and incorporate innovative pedagogies and blended learning activities.

They serve as a mechanism to enhance the effectiveness and flexibility of Higher Education (HE), while also offering upskilling and reskilling opportunities for the workforce.

SAPs are structured to equip learners with specific knowledge, skills, or competencies that respond to societal, personal, cultural, or labour market demands.

To ensure consistency and quality, SAPs have clearly defined learning outcomes, aligned with a Qualification Framework level, specify the associated workload in ECTS credits, outline assessment methods and criteria, and adhere to quality assurance standards in accordance with the European Standards and Guidelines for Quality Assurance (ESG).

Furthermore, SAPs comply with commonly agreed standards, providing clear definitions regarding mode of delivery, duration, workload, learning outcomes, ECTS range, assessment processes, validation, stackability, and other relevant aspects.

## › SAP Hack your Device: Fundamentals of Cyber Security – 3rd Edition

In this programme, the students will work in teams to perform a penetration test on an Internet of Things (IoT) device of their choice. They will learn to hack the device, using their creativity and problem-solving skills. The outcome includes a penetration test report, a presentation and a lot of fun.

This 3rd edition is jointly coordinated by the Vorarlberg University of Applied Sciences (host), the Technological University of the Shannon, the NHL Stenden University of Applied Sciences, the Polytechnic University of Leiria, the Polytechnic University of Cádiz and Aveiro University.

## › SAP Bee Analytics & Business – 2nd Edition

Over six weeks, the participants will design, develop and market together in an international and multidisciplinary group. The group will build a prototype analytics system for bees.

The Short Advanced Programme (SAP) ‘Bee Analytics & Business’ – 2nd edition is jointly coordinated by the Howest University of Applied Sciences (host), the Häme University of Applied Sciences, and the University of Burgos.

## › SAP Business Intelligence with Power BI – Transforming data into strategic insights

In this programme, students will learn to transform raw data into strategic insights using Business Intelligence (BI) techniques and Power BI. A key focus is on data visualisation, where students learn to create compelling visual reports and dashboards that communicate complex data effectively.

The Short Advanced Programme (SAP) is jointly coordinated by the **Howest University of Applied Sciences (host)**, and the **Polytechnic University of Cávado and Ave (IPCA)**.

## › SAP Next Gen Content

In this SAP, students will learn how media players could create media content for the next generations. They get to know the Gen Z and Gen Alpha audience and develop innovative formats.

The Short Advanced Programme (SAP) is jointly coordinated by the **Howest University of Applied Sciences (host)**, the **Polytechnic University of Leiria (IPLeiria)**, the **NHL Stenden University of Applied Sciences (NHL Stenden)**, and the **Polytechnic University of Cávado and Ave (IPCA)**.

## › SAP Event-driven Innovation – Zooming in on the world surf league 2025

This SAP introduces students to the concept of event-driven innovation within the context of Peniche, a peninsula with a unique ecosystem.

Innovation plays a critical role in today's events industry to provide guests with unique experiences and satisfy diverse stakeholders and interests.

The Short Advanced Programme (SAP) is jointly coordinated by the **Polytechnic University of Leiria (host)**, and the **NHL Stenden University of Applied Sciences (NHL Stenden)**.

## › SAP Kickstart your creativity – the art of building your business App

Starting from a concrete idea and without technical knowledge, students will learn the basics of mobile apps, get acquainted with Figma, and participate in a workshop on prompt engineering, where they will learn how to generate content with AI.

The Short Advanced Programme (SAP) is jointly coordinated by the **Highest University of Applied Sciences (host)**, and the **NHL Stenden University of Applied Sciences (NHL Stenden)**.

## › SAP Designing STEAM Projects – for pre-university students

This SAP will address how to implement STEAM projects for pre-university students (6–17 years old). Practically, different methodologies such as Design Thinking, Engineering Design Process and Inquiry-Based Teaching will be presented. In addition, we will work on how to evaluate the projects presented. During the SAP, the development of skills for interdisciplinary teamwork will be promoted, collaborating in the design of STEAM projects that integrate different areas of knowledge.

The Short Advanced Programme (SAP) is jointly coordinated by the University of Burgos (host), and the Howest University of Applied Sciences.

## › SAP Navigating EU Values in EU Institutions

This SAP is designed to deepen participants' overall understanding of core European values, such as human dignity, freedom, democracy, human rights, rule of law, equality, and respect for diversity, as reflected in the functioning of EU institutions and their decision-making processes.

The Short Advanced Programme (SAP) is jointly coordinated by the **Howest University of Applied Sciences (host)**, the **Polytechnic University of Leiria (IPLeiria)**, and the **NHL Stenden University of Applied Sciences (NHL Stenden)**.

## › SAP You serious? An inclusive society for young people! – 4th Edition

You serious about young people in society? Of course we are!

Young people are among the most vulnerable in our society. One out of five children live in families that are at risk of poverty and one-third of young adults in Europe are currently unemployed, not in education or training and therefore face social exclusion.

The Short Advanced Programme (SAP) is jointly coordinated by the **Häme University of Applied Sciences (host)**, the **Vorarlberg University of Applied Sciences (FHV)** and the **NHL Stenden University of Applied Sciences (NHL Stenden)**.

## › SAP Green Growth: Circular Entrepreneurship in a Sustainable Society

This SAP promotes sustainable economic growth by developing entrepreneurship skills and addressing challenges faced by SMEs in the Frisian Region of the Netherlands. It involves employers, business associations, support institutions, and local authorities to tackle regional issues and explore feasible innovations.

The Short Advanced Programme (SAP) is jointly coordinated by **the NHL Stenden University of Applied Sciences (host)**, and the **Polytechnic University of Leiria (IPLeiria)**.

## › SAP Celebrating Diversity - Innovations for Inclusivity and Equality in Higher Education

This SAP focuses on the importance of diversity and social inclusion within Europe. In response to rising nationalist sentiments that risk excluding certain groups, the programme encourages students to view diversity as a strength. It provides opportunities to explore the values and challenges of inclusion while equipping participants with skills to design activities and interventions that promote equality within their own contexts.

The Short Advanced Programme (SAP) is jointly coordinated by **the Polytechnic University of Leiria (host)**, the **NHL Stenden University of Applied Sciences**, the **Häme University of Applied Sciences**, the **Technological University of the Shannon**, the **Polytechnic University of Cávado and Ave** and the **University of Burgos**.

## › SAP Sustainable Footwear Futures – 2nd Edition

This SAP is a skills-enhancing and sustainable practice-based programme that enables participants from design, fine art, and engineering degrees to explore creative applications for regenerative fibres and digital fabrication techniques for textiles, pattern drafting, technical footwear production techniques, and innovative digital design processes.

The Short Advanced Programme (SAP) is jointly coordinated by the **Technological University of the Shannon (host)**, the **Häme University of Applied Sciences**, and the **Polytechnic University of Cávado and Ave**.

## › SAP How to Navigate through Unfamiliar Contexts – 3rd Edition

This SAP aims to make learners aware of the importance of future skills and encourage them to set goals for developing them. Understanding how to learn in a self-directed manner and reflecting on your development are two essential skills that will play an increasingly important role in the future of work. Developing future skills will raise your employability prospects, and most importantly, they will enhance your – and your peers’ – well-being.

The Short Advanced Programme (SAP) is jointly coordinated by the **Häme University of Applied Sciences (host)**, and the **Polytechnic University of Leiria**, the **NHL Stenden University of Applied Sciences** and the **Vorarlberg University of Applied Sciences**.

## › SAP SeGAR – Serious Games in AR and VR

The learning goal of this SAP is to develop a serious game for elderly or chronically ill people. These users should be activated by integrating immersive approaches such as Virtual Reality (VR) and Augmented Reality (AR).

The Short Advanced Programme (SAP) is jointly coordinated by the **Vorarlberg University of Applied Sciences (host)**, and the **Polytechnic University of Cávado and Ave**.

## › SAP How to Become a True Ambassador for RUN-EU

This SAP prepares RUN-EU students to actively communicate and promote the alliance's activities. Inspired by Nelson Mandela's belief in the transformative power of education, the programme develops students' global leadership and cross-cultural communication skills. Through practical projects—such as creating testimonials, social media content, podcasts, blogs, and vlogs—participants learn to represent RUN-EU, amplify diverse voices, and share authentic international student experiences.

The Short Advanced Programme (SAP) is jointly coordinated by **Häme University of Applied Sciences (host)** and **NHL Stenden University of Applied Sciences**.

## › SAP Future Explorations – 3rd Edition

This SAP challenge focuses on how to promote sustainable development through the integration of smart technologies.

Using design futuring and innovation development methods, prototypical solutions are being developed for specific challenges provided by cooperation partners and other initiatives.

The Short Advanced Programme (SAP) is jointly coordinated by the **Vorarlberg University of Applied Sciences (host)**, the **Häme University of Applied Sciences**, **NHL Stenden University of Applied Sciences**.

## › SAP Lifestyle Management in Chronic Disease – The Role of Physical Activity and Nutrition

This SAP aims to consolidate participants' knowledge and skills in assessing physical activity and nutritional habits, deepen their understanding of effective health promotion interventions for chronic disease populations, and facilitate their practical application in real-world contexts.

This programme is aligned with "Goal 3: Ensure healthy lives and promote well-being" of the 2030 Agenda for Sustainable Development by improving access to quality healthcare services while reducing existing regional development disparities in the European Union.

The Short Advanced Programme (SAP) is jointly coordinated by **the Technological University of the Shannon (Host)**, and the **Polytechnic University of Leiria**.

## › SAP Socio-Economic Transition in Practice Academic Seminars

This SAP explores the major socio-economic transitions transforming the EU globalisation, technology, demographic shifts, and environmental pressures and their impact on competitiveness. Aligned with the EU's 2020 New Industrial Strategy, it examines how the EU can lead green and digital transitions, support innovation and new industries, strengthen skills, and address social inequalities arising from economic change.

The Short Advanced Programme (SAP) is jointly coordinated by **NHL Stenden University of Applied Sciences (host)**, and the **Vorarlberg University of Applied Sciences**.

## > SAP Creating Practical Workflows with AI

This course explores and refines practical workflows with tools of artificial intelligence. Students learn how to explore and refine outcomes-based workflows with AI tools. Skills learned during this training contribute to improved data literacy, critical thinking, and the ability to derive actionable insights from complex information.

The Short Advanced Programme (SAP) is jointly coordinated by the **Polytechnic University of Leiria (host)**, and the **Technological University of the Shannon**.

## > SAP Entrepreneurship, Social Innovation and Volunteering

This SAP under the Entrepreneurship strand of Work Package 4, explores the role of social entrepreneurship in addressing complex societal, environmental, and economic challenges. The program emphasizes collaboration between government, businesses, and non-profits to foster sustainable regional development and well-being. Students examine how education and strategic, community-driven approaches can build inclusive ecosystems that support solidarity-based social economy organisations and drive meaningful social change.

The Short Advanced Programme (SAP) is jointly coordinated by **Polytechnic University of Cávado and Ave (host)**, and **Technological University of the Shannon**.

## › SAP Challenge AI for MedTech: From Medical Imaging to Digital Manufacturing

This programme brings students together in international teams to tackle real-world challenges through practical, innovative activities, with the option to join the RUN-EU General Assembly. Focusing on the fast-growing MedTech sector, it explores how AI, data science, and 3D printing can transform medical imaging data into personalised medical solutions such as implants, prosthetics, and anatomical models.

The Short Advanced Programme (SAP) is jointly coordinated by the **Polytechnic University of Cávado and Ave (host)**, and the **Technological University of the Shannon**.

## › SAP Challenge Beyond the Stick - Cane handles design

This SAP, part of RUN-EU Students Week, brings international teams together for a five-day design challenge focused on reinventing the traditional cane handle. Using 3D scanning, digital modelling, and 3D printing, students develop ergonomic, personalised, and visually distinctive designs. Grounded in inclusive, user-centred design, the programme involves research, prototyping, testing, and refinement, addressing the limitations of standard mobility aids while promoting collaboration and innovation.

The Short Advanced Programme (SAP) is jointly coordinated by the **Polytechnic University of Cávado and Ave (host)**, and the **Technological University of the Shannon**.

## › SAP Challenge Climate Change Action: Measurement, Monitoring, and Reporting

This SAP, part of RUN-EU Students Week, unites international teams to explore how climate actions are measured, monitored, and reported. Through workshops on sustainability governance, reporting frameworks, green taxation, digital tools, and research methods, students gain both theoretical and practical skills. Working on group research projects, they learn to analyse climate policies, plan actions, account for emissions, communicate climate data, and meet international reporting standards, fostering interdisciplinary learning across science, policy, technology, and community engagement.

The Short Advanced Programme (SAP) is jointly coordinated by the **Polytechnic University of Cávado and Ave (host)**, and the **Technological University of the Shannon**.

## › SAP Challenge Connecting Experiences: Advanced Studies in Tourism, Hospitality and Sport

This SAP, part of RUN-EU Students Week, brings international teams together to explore how tourism, hospitality, well-being, and sports intersect. Through expert-led lectures, case studies, and collaborative design challenges, students learn to integrate health, wellness, and nutrition into services while leveraging sports and cultural events for destination branding. The programme enables participants to develop practical outputs such as wellness tourism products, nutrition-based services, branding concepts, and competency models for industry professionals.

The Short Advanced Programme (SAP) is jointly coordinated by the **Polytechnic University of Cávado and Ave (host)**, and the **Technological University of the Shannon**.

## › SAP How to Become a True Ambassador for RUN-EU – 3rd Edition

This SAP participants develop inclusive communication skills and create testimonials, social media campaigns, podcasts, blogs, and vlogs to share international student experiences. The programme promotes global connection, leadership, and cross-cultural collaboration, enabling students to represent RUN-EU and its activities effectively.

The Short Advanced Programme (SAP) is jointly coordinated by the **NHL Stenden University of Applied Sciences (host)**, and the **Polytechnic University of Cávado and Ave**.

## › SAP Community & The Sense of Belonging

This SAP brings together students, staff, and researchers to explore community building in Higher Education. Focusing on fostering a true sense of belonging, the programme highlights its benefits for well-being, engagement, performance, and job satisfaction. Participants identify common goals and implement strategies to strengthen community ties and promote an inclusive, supportive institutional environment.

The Short Advanced Programme (SAP) is jointly coordinated by the **Howest University of Applied Sciences (host)**, the **NHL Stenden University of Applied Sciences** and the **Technological University of the Shannon**.

## › SAP Designing and implementing STEAM-activities in the future innovation lab of your university (in an extracurricular context) – 2nd Edition

This SAP under Work Package 4, trains students, researchers, educators, and professionals to create STEAM activities for children and youth aged 6–18 in extracurricular settings. The programme fosters critical thinking, creativity, and collaborative problem-solving to counter declining interest in STEM. Participants gain practical skills, act as ambassadors of scientific culture, and strengthen university-community connections, contributing to youth engagement, community-driven innovation, and lifelong learning.

The Short Advanced Programme (SAP) is jointly coordinated by the **Howest University of Applied Sciences (host)**, and the **NHL Stenden University of Applied Sciences**.

## › SAP Drones as key technologies in agriculture, industry and society

This SAP offers a beginner-friendly introduction to drone technologies and their applications in agriculture, industry, logistics, and environmental monitoring. Combining online learning with a one-week in-person experience, participants explore drone components, operation, legal and safety aspects, and real-world use cases. The programme promotes interdisciplinary teamwork and requires no prior technical knowledge.

The Short Advanced Programme (SAP) is jointly coordinated by the **University of Burgos (host)**, and the **Technological University of the Shannon**.

## > SAP Eurovalues Nexus: Empowering European Citizens – 2nd Edition

This SAP explores the EU, its core values, and European citizenship through online sessions, a face-to-face week at FHV in Austria, and an online wrap-up. Participants examine democracy, human rights, rule of law, equality, solidarity, and cultural diversity, assessing their historical and contemporary significance. Through collaborative projects, workshops, role-plays, and simulations, students develop research, critical thinking, communication, teamwork, and cross-cultural skills.

The Short Advanced Programme (SAP) is jointly coordinated by the **Vorarlberg University of Applied Sciences (host)** and the **Polytechnic University of Leiria**.

## > SAP Innovation and Creative Problem Solving with Design Thinking

This SAP trains students to address real urban challenges using Design Thinking. Through online learning, in-person workshops, team collaboration, and professional presentations, participants develop creative, analytical, and interdisciplinary problem-solving skills, preparing them to innovate for the cities of tomorrow.

The Short Advanced Programme (SAP) is jointly coordinated by the **Howest University of Applied Sciences (host)**, and the **Vorarlberg University of Applied Sciences**.

## BLENDDED INTENSIVE PROGRAMMES

# BLENDED INTENSIVE PROGRAMMES

Blended Intensive Programmes (BIPs) under ERASMUS+ are short, innovative programmes that combine physical mobility with virtual learning. They employ modern teaching methods, such as online collaboration and challenge-based learning, where transnational and transdisciplinary teams tackle real-world issues, including those linked to the United Nations Sustainable Development Goals.

BIPs provide added value beyond existing courses and may run on a multiannual basis. They offer flexible mobility opportunities, engaging students from diverse backgrounds, disciplines, and academic levels.

Higher education institutions collaborate to organise BIPs for students and staff, incorporating a short-term physical mobility experience abroad alongside a compulsory virtual component.

This online element fosters collaborative learning, teamwork, and engagement in integrated assignments that contribute to the programme's overall learning outcomes.

## › BIP Smart Everything: Connecting Artificial Intelligence Tools with Business Ideas

This BIP teaches students how artificial intelligence can be applied to real business solutions. Participants work with free, open-source large language models to create tools such as chatbots, document analysers, translators, content generators, and sentiment or summarisation applications, gaining hands-on experience with practical AI applications. The programme also emphasizes the importance of collaboration between IT developers and marketers, promoting co-creation as a powerful approach to designing user-centred products that address real needs.

The Blended Intensive Programme (BIP) is jointly coordinated by **University of Burgos** (Host), the **Häme University of Applied Sciences**, and the **Polytechnic University of Cávado and Ave**.

## › BIP Innovative Teacher in Wonderland: Redefining the Teacher's Role and the Future Pedagogy

Education is undergoing a transformation—learning methods have evolved, and students' perspectives and needs are changing. This learning opportunity encourages teacher students to design innovative workshops that inspire their peers to rethink teaching, embrace bold pedagogical solutions, and break away from traditional mindsets.

This BIP is jointly coordinated by the **Häme University of Applied Sciences** (Host), the **Polytechnic University of Leiria**, and the **NHL Stenden University of Applied Sciences**.

## › BIP Go for a Digital Product: Physical Interactive Stories– 2nd Edition

This BIP is an intensive blended short programme bringing together students from the fields of digital animation, games, design, information technology, electronics, robotics, mechatronics and mechanical engineering.

The Blended Intensive Programme (BIP) is jointly coordinated by the **Polytechnic University of Cávado and Ave** (Host), the **University of Burgos**, and the **Häme University of Applied Sciences**.

## › BIP 50+10 Cocreation Challenges: Finance and SDG Application – 2nd Edition

This BIP focuses on aligning financial practices with the UN Sustainable Development Goals. Bringing together students, academics, and financial-sector professionals, the programme promotes multidisciplinary co-creation to develop sustainable, real-world solutions. Students' progress through three phases: exploring and planning, developing practical solutions, and refining and presenting their final proposals in response to the challenge.

This BIP is jointly coordinated by **University of Burgos** (Host), **Polytechnic University of Cávado and Ave**, and **NHL Stenden University of Applied Sciences**.

## › BIP Drawing, Technology and Cultural Heritage – 2nd Edition

This BIP explores how traditional drawing contributes to preserving cultural heritage in a technology-driven era. Based in Barcelos, students engage in architectural studies, analyse museum artefacts, and document daily life through drawing. These traditional illustrations are then transformed into digital works, culminating in an augmented reality exhibition walk that showcases their creations.

The Blended Intensive Programme (BIP) is jointly coordinated by the **Polytechnic University of Cávado and Ave (Host), Technological University of the Shannon, and Howest University of Applied Sciences**.

## › BIP Design Thinking – Healthcare Challenges

This programme applies Design Thinking to real healthcare challenges, bringing together students from different disciplines to develop innovative solutions in intercultural teams. Through online learning and an in-person collaborative week, participants strengthen multidisciplinary teamwork and communication skills while gaining practical experience with problem-solving methods. It offers a global perspective on issues such as ageing, climate change, and limited healthcare resources.

This Blended Intensive Programme (BIP) is jointly organised by the **Vorarlberg University of Applied Sciences (host), the Häme University of Applied Sciences, and the NHL Stenden University of Applied Sciences**.

## › BIP Vital Schools: Designing Movement-Friendly and Sustainable Playgrounds – 2nd Edition

This BIP equips students to redesign schoolyards into inclusive, active, and sustainable spaces. Through online learning and a hands-on week in Burgos, Spain, participants engage in interdisciplinary research and co-creation with local schools. They study movement pedagogy, nudging, and sustainable infrastructure, analyse existing playgrounds, and develop research-based redesign proposals presented as a final group project and maquette.

The Blended Intensive Programme (BIP) is jointly coordinated by the **University of Burgos (Host)**, **Howest University of Applied Sciences**, and **Polytechnic University of Leiria**.

## › BIP How to turn on an LED

This programme applies Design Thinking to real healthcare challenges, bringing together students from different disciplines to develop innovative solutions in intercultural teams. Through online learning and an in-person collaborative week, participants strengthen multidisciplinary teamwork and communication skills while gaining practical experience with problem-solving methods. It offers a global perspective on issues such as ageing, climate change, and limited healthcare resources.

This Blended Intensive Programme (BIP) is jointly organised by the **University of Burgos (Host)**, the **Vorarlberg University of Applied Sciences** and **Häme University of Applied Sciences**, and the **University of Galati**.

## › BIP Dreaming of a Green Christmas: sustainable food tourism at winter markets

This BIP examines how to design meaningful, innovative, and regenerative food and drink experiences in tourism, highlighting the link between food, culture, and travel. Through online learning and an in-person week in Kortrijk, students build teamwork, research, and presentation skills while creating guidelines for sustainable winter market food experiences. Supported by expert input, case studies, and field trips, the programme fosters interdisciplinary collaboration and prepares participants to contribute value-driven solutions to the food tourism sector.

The Blended Intensive Programme (BIP) is jointly coordinated by the **Howest University of Applied Sciences (Host)**, **NHL Stenden University of Applied Sciences** and **Technological University of the Shannon**.

## LEARNER EXCHANGE SCHOOLS

# LEARNER EXCHANGE SCHOOLS

**Learner Exchange Schools** (LEXS), formerly known as Youth Exchange Programmes or Summer&Winter Schools, are short, intensive, and self-contained learning opportunities conducted in person. They address current problems and challenges within a clearly defined subject area, requiring participants to analyze specific issues and develop concrete, actionable solutions. Internal and external stakeholders are actively involved. In exceptional cases, preparatory or follow-up online phases may complement the in-person experience.

Designed for experienced learners, LEXS welcomes students with strong academic performance, educators seeking to enhance their teaching, and staff aiming to gain insight into administrative or managerial roles. Participants collaborate intensively to achieve meaningful outcomes and acquire relevant competencies within a limited timeframe.

Each LEXS combines diverse didactic formats and brings together participants from varied educational and professional backgrounds. The standard duration for LEXS is one week, with the possibility of extension in exceptional circumstances. Stakeholder engagement is essential, involving external partners who may have identified the problem, contribute to solutions, or benefit from the results.

The format is built on the principle that intensive collaboration among participants from different disciplines fosters innovative solutions and deep learning experiences. Successful implementation is supported by educators pedagogical expertise, diverse teaching methods and practical experience in the subject matter.

## › LEXS Integrating Ride-Sharing for the Journey to Work: A Playful Approach

The first Learner Exchange School (LEXS) “Integrating Ride-Sharing for the Journey to Work: A Playful Approach” invites participants to innovate sustainable mobility in Europe. Using gamification and a creation-inspired format, students collaborate to design creative ride-sharing solutions. The one-week Summer School in the Austrian Alps combines teamwork, creativity, and playful approaches to make daily commuting more sustainable.

The LEXS is coordinated by **Vorarlberg University of Applied Sciences** (Host).

## › LEXS Wave Trends Lab: Culture and Beach Sport (CBS) an Innovative Summer School

The Wave Trends Lab combines culture, sport, and creativity to explore emerging trends and develop practical projects. Through phases of exploration, analysis, and creation, students examine Leiria's cultural and sports ecosystem, study megatrends like sustainability and innovation, and design trend-driven sports and cultural events. Using interactive workshops and design thinking, participants collaborate to create innovative event concepts for future stakeholders.

The LEXS is coordinated by **Polytechnic University of Leiria** (Host).

## > LEXS Speak, Lead, Succeed!

This high-energy, interactive five-day programme is designed to boost your communication and leadership skills. Through dynamic workshops, role-playing activities, and real-world challenges, you'll learn to speak with confidence, manage conflicts effectively, and lead with impact. The experience focuses on mastering nonverbal cues, reading the room, and turning difficult conversations into productive ones — skills that will serve you in your studies, future career, and beyond.

The LEXS is coordinated by **Häme University of Applied Sciences** (Host).



## MASSIVE OPEN ONLINE COURSE

# MASSIVE OPEN ONLINE COURSES

Massive Open Online Courses (MOOCs) are fully online, open-access courses designed for a diverse audience with no participant limits or formal admission requirements, although prior knowledge may be recommended.

They offer flexible, self-paced learning and provide 1–3 ECTS, with free participation but optional fees for certificates or study credits.

Developed in collaboration with external partners, MOOCs align with regional innovation hubs and future skills needs, supporting career development and ensuring learning outcomes through evaluation. Ideally created by multiple RUN-EU institutions, they form part of RUN-EU's official learning opportunities, offering accessible, high-quality education.

## > MOOC Prompt Engineering

In this dynamic and hands-on course, students dive into the exciting world of Artificial Intelligence (AI) and learn the art of crafting effective prompts to guide AI systems.

MOOC on **Prompt Engineering** is coordinated by the **Howest University of Applied Sciences**.

# COLLABORATIVE ONLINE INTERNATIONAL LEARNING

# Collaborative Online International Learning

Collaborative Online International Learning (COIL) is an educational approach that connects students and academics from different countries through digitally mediated, project-based learning experiences. COIL develops intercultural competence, global awareness, and collaborative problem-solving by engaging participants in shared academic tasks, discussions, and research across institutional and national boundaries.

Unlike traditional study-abroad programmes, COIL uses online collaboration to provide meaningful international learning experiences that are accessible, scalable, and sustainable. It combines discipline-specific content with cross-cultural engagement, emphasising teamwork, communication, and applying knowledge to real-world, globally relevant challenges. COIL fosters digital literacy, and adaptive skills that are essential for professional and academic success in a globally interconnected environment.

## > COIL Ethics & values in events, tourism & hospitality

This COIL addresses modern slavery in business, a global issue including forced labour and human trafficking that affects millions and poses significant risks for companies. Many businesses fail to adequately tackle these risks, highlighting the need for greater awareness and insight.

The programme empowers future professionals to identify and address modern slavery across international business contexts. Participants gain a deep understanding of its scale and impact across industries, reflect on multiple perspectives, and contribute to practical solutions. The COIL integrates the Sustainable Development Goals (SDGs) as a framework to monitor and align efforts with global standards for ethical and sustainable business practices.

This COIL is jointly coordinated by the **Howest University of Applied Sciences (lead)**, **NHL Stenden University of Applied Sciences** and **Technological University of the Shannon**.

# RUN-EUROPEAN PROGRAMMES ACADEMY EXPLORATORY MISSIONS

# RUN-EUROPEAN PROGRAMMES ACADEMY EXPLORATORY MISSIONS

The **RUN-EPA Exploratory Missions (EPA-Missions)** are short, in-person co-creation events that connect participants across the alliance with the aim to develop learning opportunities for RUN-EU learners in key EU priority areas. These can include short-term programmes (e.g., SAPs, COILs, MOOCs) or joint programmes (e.g., joint, double, or multiple degrees).

Diverse participant groups - including educators, researchers, and students - form knowledge creation teams that co-develop ideas for joint learning opportunities based on regional challenges and future skills requirements. Local stakeholders support the development process as advising entity and provide valuable insights on regional challenges.

The pedagogical approach of the EPA-Missions emphasizes the RUN-EU pedagogical framework by focusing on student-centred learning and active participation, while peer- and self-assessment foster collaboration and well-being.

8 EPA-Missions are implemented in line with the thematic areas relevant to the development of the RUN-EU regions. The Final EPA-Mission synthesises outcomes of the previous missions, and fosters interdisciplinary learning opportunities. In addition, two EPA-Missions within a broader framework of EPA are implemented at the new partners that joined RUN-EU in 2025.

## › EPA-Mission in Cybersecurity, Cyber Safety and Internet of Things (IoT)

The EPA-Mission aims to bring together teachers, researchers and students from the field of Cybersecurity, Cyber Safety and Internet of Things (e.g., Computer Science, ICT, AI, Digital Compliance and Safety, Electronics and Information Technology, etc.) from all RUN-EU partner institutions to generate ideas for interdisciplinary joint learning opportunities. The co-creation process is supported by input from local stakeholders as well as representatives from the RUN-EU Future and Advanced Pedagogy Skills Academy.

The European Programmes Academy Exploratory Mission (EPA-Mission) is coordinated and implemented by the **NHL Stenden University of Applied Sciences** (NHL Stenden).

## › EPA-Mission in Smart Sustainable Manufacturing

The EPA-Mission aims to bring together teachers, researchers and students from the fields of Smart Sustainable Manufacturing (e.g., Environmental Engineering, Industrial Design, Data Science and Analysis, etc.) from all RUN-EU partner institutions to generate ideas for interdisciplinary joint learning opportunities. The co-creation process is supported by input from local stakeholders as well as representatives from the RUN-EU Future and Advanced Pedagogy Skills Academy.

The European Programmes Academy Exploratory Mission (EPA-Mission) is coordinated and implemented by the **University of Burgos** (UBU).

## › EPA-Mission in Creative Regions in AI Times

The EPA-Mission aims to bring together teachers, researchers and students from the fields of Creative Regions in AI Times (e.g., Arts and Design, Data Analytics, Artificial Intelligence, Sustainability, Public Management and Economy, Creative Tourism, Smart Cities, etc.) from all RUN-EU partner institutions to generate ideas for interdisciplinary joint learning opportunities. The co-creation process is supported by input from local stakeholders as well as representatives from the RUN-EU Future and Advanced Pedagogy Skills Academy.

The European Programmes Academy Exploratory Mission (EPA-Mission) is coordinated and implemented by the **Polytechnic University of Cávado and Ave (IPCA)**.

## › EPA-Mission in Smart Sustainable Tourism

The EPA-Mission aims to bring together teachers, researchers and students from the fields of Smart Sustainable Tourism (e.g., Tourism for Sustainable Development, E-Tourism, Nature-Based Tourism, Smart Tourism Technologies, Circular Economy, etc.) from all RUN-EU partner institutions to generate ideas for interdisciplinary joint learning opportunities. The co-creation process is supported by input from local stakeholders as well as representatives from the RUN-EU Future and Advanced Pedagogy Skills Academy.

The European Programmes Academy Exploratory Mission (EPA-Mission) is coordinated/implemented by the **Technological University of the Shannon (TUS)**.

## › Final EPA-Mission: Conference and Workshop on Joint Programme Development and Implementation

The Final EPA-Mission brought together key stakeholders from across the RUN-EU alliance, including joint programme development teams, quality assurance experts, and members of the dedicated working group on Joint Programmes, to showcase the achievements of previous EPA-Missions and advance the development of high-quality, student-centred Joint Programmes across Europe. The event featured a conference on the impact of the EPA-Mission format and a dedicated workshop on Joint Programme development, fostering collaboration and innovation. This co-creation process was further strengthened by the involvement of regional stakeholders, alongside input from the RUN-EU Future and Advanced Pedagogy Skills Academy, the RUN-EU Quality Assurance Group, and best practice examples from other European University Alliances.

The Final European Programmes Academy Exploratory Mission (Final EPA-Mission) is coordinated and implemented by **FHV - Vorarlberg University of Applied Sciences (FHV)**.

## › Onboarding EPA-Mission at TUL

The Onboarding EPA-Mission aims to connect members of the RUN-EU European Programmes Academy (EPA) with staff from our new partner institution to strengthen collaboration and integration across RUN-EU. It combines onboarding on frameworks and partner approaches with an institutional visit showcasing the new member's strengths and fostering future cooperation. The process is supported by input from the three EPA strands: Future and Advanced Pedagogy Skills Academy, EDUHUB, and EPA-Missions & Joint Programmes.

The European Programmes Academy Exploratory Mission (EPA-Mission) is coordinated and implemented by the **Technical University of Liberec (TUL)**.

# RUN-EU DOUBLE DEGREE PROGRAMMES



# RUN-EU DOUBLE DEGREE PROGRAMMES

The **RUN-EU Double Degree Programmes** (DDPs) are full degree programmes that offer students the opportunity to complete a study period abroad while simultaneously obtaining degrees from two RUN-EU partner universities.

DDPs provide students with a range of benefits, such as gaining more comprehensive knowledge and perspectives by studying in two different countries, accessing resources and faculty expertise across institutions, expanding their networks of colleagues and friends, and becoming more competitive in the global job market.

Graduates of RUN-EU DDPs join a network of like-minded, regionally focussed European peers that are equipped with the necessary future skills to tackle ever-changing global and societal challenges and are dedicated to societal transformation in their regions.

RUN-EU students can choose from seven DDPs—three leading to a Bachelor's degree and four to a Master's degree—spanning a variety of disciplines and universities within the RUN-EU network.

## › RUN-EU Double Degree Programme: Master in Electronics Engineering and Computers and Mechatronics

The RUN-EU Double Degree Master's Programme in **Electronics and Engineering and Computers and Mechatronics** is jointly coordinated by the **Polytechnic University of Cávado and Ave (IPCA)** and the **FHV - Vorarlberg University of Applied Sciences (FHV)**.

## › RUN-EU Double Degree Programme: Bachelor in International Business

The RUN-EU Double Degree Bachelor's Programme in **International Business** is jointly coordinated by the **FHV - Vorarlberg University of Applied Sciences (FHV)** and the **Häme University of Applied Sciences (HAMK)**.

› **RUN-EU Double Degree Programme:  
Master in Electrical and Electronic  
Engineering and Mechatronics**

The RUN-EU Double Degree Master's Programme in **Electrical and Electronic Engineering and Mechatronics** is jointly coordinated by the **Polytechnic University of Leiria** (IPLeiria) and the **FHV - Vorarlberg University of Applied Sciences** (FHV).

› **RUN-EU Double Degree Programme:  
Bachelor in Mechanical Engineering and  
Mechatronics**

The RUN-EU Double Degree Bachelor's Programme in **Mechanical Engineering and Mechatronics** is jointly coordinated by the **Polytechnic University of Leiria** (IPLeiria) and the **FHV - Vorarlberg University of Applied Sciences** (FHV).

› **RUN-EU Double Degree Programme:  
Master in International Management and  
Leadership and Sustainable Business**

The RUN-EU Double Degree Master's Programme in **International Management and Leadership and Sustainable Business** is jointly coordinated by the **FHV - Vorarlberg University of Applied Sciences** (FHV) and the **Häme University of Applied Sciences** (HAMK).

› **RUN-EU Double Degree Programme:  
Master in Informatics Engineering and  
Computer Science**

The RUN-EU Double Degree Master's Programme in **Informatics Engineering and Computer Science** is jointly coordinated by the **Polytechnic University of Cávado and Ave** (IPCA) and the **FHV - Vorarlberg University of Applied Sciences** (FHV).

## › RUN-EU Double Degree Programme: Bachelor in InterMedia and Smart and Sustainable Design

The RUN-EU Double Degree Bachelor's Programme in **InterMedia and Smart and Sustainable Design** is jointly coordinated by the **FHV - Vorarlberg University of Applied Sciences** (FHV) and the Häme University of Applied Sciences (HAMK).

## PRACTICE-BASED PHD PROGRAMMES

# PRACTICE-BASED PHD PROGRAMMES

The RUN European University offers collaborative PhD degree programmes in areas such as Digitalisation Engineering, Tourism, Social Sciences, Biotechnology, Design, Sustainable Polymers and Entrepreneurship.

Research candidates may register on collaborative master's by Research (MEng/MSc) programmes which allow them an opportunity to progress to PhD studies. Each individual research programme represents a collaboration between two or more RUN-EU partners, in partnership with regional organisations, and with academia-business cooperation mechanisms.

The supervisory team for each programme includes co-supervision from two or more of the regional partners, in collaboration with an industry advisor as appropriate.

## > PhD Degree Programme in Digitalisation Engineering

The PhD in Digitalisation Engineering has as its main objectives the training of highly qualified human resources at the forefront of the specific scientific domains in the technological field of the digital transformation of companies and institutions, namely by studying, developing and implementing innovative solutions with digital technologies.

The programme, based on the creation of knowledge through international cooperation integrated within the European University RUN-EU, aims to provide appropriate training for the exercise of technical and scientific activities, integrating knowledge and developing innovation in multidisciplinary professional environments, with high levels of ethics, environmental awareness, and high standards of demand and competitiveness. This approach enables capable professionals of contributing to economic and industrial development in different regions of the European area.

Offered by **the School of Technology and Management of the Polytechnic of Leiria**, in association with **the Polytechnic Institute of Cávado and Ave** and **the Technological University of the Shannon**, the PhD in Digitalisation Engineering is part of the educational project of the three institutions, aiming to contribute to common objectives, namely the development and consolidation of centres of competitiveness and innovation in digital technologies, aligning its programme with the areas of smart specialisation of the regions where the institutions are located.



Our students will  
inherit the future

