

# Blended Intensive Program

## Collaborative work on innovative and sustainable projects

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**Important note:** students interested in this program have to apply to their home university according the internal procedure.

**Students applications made directly to the hosting institution will not be considered.**

### General information

Course Title	Collaborative work on innovative and sustainable projects
BIP Code	
Abstract: (few lines describing the course that SEA-EU partners can use for dissemination)	<p><i>This course is an opportunity for students to learn about SDGs, collaborative work and innovation.</i></p> <p><i>This course is mainly focused on practical experience. The core of the course is a creative marathon, using the design thinking methodology. It will take place in the fablab of Brest's university.</i></p> <p><b>Attendees will participate and collaborate on an innovative project with positive social and ecological impact that aims to make our campuses more sustainable.</b></p>
Calendar	<ul style="list-style-type: none"> <li>● 15/02/2024: Nominations deadline</li> <li>● 15/03/2024: Confirmation of acceptance</li> <li>● April and May: Virtual part / <b>5h</b> - 3 workshops, 1,5h each + 0,5h personal work</li> <li>● June 5 to 12, 2024: On-site Intensive Course in Brest (physical mobility) / <b>35h</b></li> </ul>
Total number of hours:	<b>40 hours</b>

Teacher(s) in charge	UBO: Julia Fougère, Yves Quéré, Sarah Noll
Number of participants	The minimum number of participants is 20, maximum is 28. Each university can propose up to 4 students : 2 on the main list, 2 on the waiting list.
Mobility costs	This mobility is eligible for Erasmus+. Please contact your university for more information.
Contact	Regarding organisational and pedagogical aspects: <a href="mailto:julia.fougere@univ-brest.fr">julia.fougere@univ-brest.fr</a>

## Pedagogical contents

Target group / Expected profil	<ul style="list-style-type: none"> <li>• <b>Students interested in sustainable and innovative projects and collaborative work.</b> The course is open to Bachelor, Master and Doctoral students from all curriculum.</li> <li>• Employees of the universities that are interested on SDGs and to promote the results of the creative marathon in their Campus</li> </ul>
Requirements Academic background	English B1 (test can be taken on EU academy)
Learning objectives/outcomes:	<ul style="list-style-type: none"> <li>• Identify the characteristics of collaborative and open innovation</li> <li>• Identify the contributing factors to collective intelligence</li> <li>• Define key performance indicators (KPI) of a project</li> <li>• Generate creative (non-rational) solutions ideas</li> <li>• Evaluate and choose ideas based on predefined criteria and framework</li> <li>• Make a risk analysis</li> <li>• Create a project timeline with milestones for implementation</li> <li>• Identify the aim of prototyping</li> <li>• Identify the stakes of documenting an open-source project</li> <li>• Explain the stages of the double diamond methodology in design thinking</li> <li>• Align one's project in the UN 2030 Agenda for Sustainable Development (SDG)</li> <li>• Present one's project convincingly</li> <li>• Reflect on and assess their collaborative approach and posture</li> </ul>

Any required material/software to take part to the course:	Laptop
ECTS:	3
Evaluation:	<p>Assessment Structure: The assessment will be structured into three components, each designed to comprehensively evaluate students' performance and growth throughout the course:</p> <p><b>Component 1: Professional Engagement and Collaboration (Observation)</b></p> <ul style="list-style-type: none"> <li>This component focuses on the demonstration of a professional and collaborative posture.</li> </ul> <p><b>Component 2: Learning Outcomes Achievement</b></p> <ul style="list-style-type: none"> <li>This component evaluates the attainment of specific course learning outcomes.</li> </ul> <p><b>Component 3: Self-Reflection and Goal Setting (Student's Perspective)</b></p> <ul style="list-style-type: none"> <li>This component invites students to reflect on their learning journey and personal development. Students are encouraged to: <ul style="list-style-type: none"> <li>Reflect on their progress, challenges, and strengths related to course content and skills.</li> <li>Set personal goals for further growth and development.</li> </ul> </li> </ul>
Transcript of records	The transcript of records will be issued after the on-site week and before 15 July 2024. A minimum of 50% is required to pass the course and have the credits.
Language of the course	English

## Structure of the course

<p>Virtual part:</p>	<p>April 17th, 16h30-18h (1h30): <b>Workshop 1 – Back to the future of your university</b>  <i>Speculative design activities, creativity: inspiration and projection in a desirable future</i></p> <p>May 14th, 16h30-18h (1h30): <b>Workshop 2 – Sustainable Development Goals and Inner Development Goals</b></p> <p>May 27th, 16h30-18h (1h30): <b>Workshop 3 – Introduction to open innovation</b></p>
<p>Physical part:</p>	<p><b>Day 1: Learning journey in a Fablab and innovation space – 9h/16h30</b></p> <ul style="list-style-type: none"> <li>• Visit of the Fablab (equipments and projects) and discussion about innovation</li> <li>• Collective activity on the transitions (social, ecological, economic, digital)</li> <li>• Learning journey to the territory</li> </ul> <p><b>Day 2: Tools to work in collaboration, and inspiration – 9h/16h30</b></p> <ul style="list-style-type: none"> <li>• Discovery of collective intelligence principles through experience</li> <li>• Self-evaluation: setting personal goals and motivations for the course</li> <li>• Teamworking: behavioral preferences</li> <li>• Visit of a partner’s space (linked to the sea)</li> </ul> <p><b>Day 3: Creative Marathon - discovering the project’s context – 9h/16h30</b></p> <ul style="list-style-type: none"> <li>• Identification of the appropriate posture</li> <li>• Design thinking and double diamond introduction</li> <li>• Teams’ constitution</li> <li>• Determination of the project’s framework, exploration, interviews, benchmark</li> <li>• Learning journey on the campus</li> </ul> <p><b>Day 4: Creative Marathon – Problem definition and solution ideation – 9h/16h30</b></p> <ul style="list-style-type: none"> <li>• Problem definition: finding a relevant issue to address</li> <li>• Introduction to creativity principles</li> <li>• Creativity activities to find many ideas of solution</li> <li>• Selection of a solution based on a list of criteria</li> </ul> <p><b>Day 5: Presentation, prototyping, documentation – 9h/16h30</b></p> <ul style="list-style-type: none"> <li>• Challenge of the innovative and sustainable aspects of the project</li> </ul>

	<ul style="list-style-type: none"> <li>● Risk analysis</li> <li>● KPI definition</li> <li>● Prototyping and testing the solution(s) adopted</li> <li>● Documentation of the project on an open platform</li> <li>● Pitch workshop</li> <li>● Pitching the group project</li> </ul> <p><b>Day 6: Reflexivity session – 9h30/12h30</b>  <b>optional: activities until 16h30</b></p> <ul style="list-style-type: none"> <li>● Reflection work on the students' learning and personal goals during their participation to the collaborative project</li> <li>● Collective assessment</li> <li>● Optional (afternoon): Making a laser-cut object (keychain) in a FabLab</li> </ul>
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## Practical information

Accommodation recommendations	<p>The participants have to book the accommodation directly.</p> <p>Contact Julia Fougère before the 17<sup>th</sup> of May for a room in the student residency (approximately 140€/7 days).</p> <p>The following hotels are probably among the cheapest options:</p> <ul style="list-style-type: none"> <li>● <a href="https://www.hotel-styles-brest.com/chambres-ibis-budget-brest/">https://www.hotel-styles-brest.com/chambres-ibis-budget-brest/</a></li> <li>● <a href="https://www.logishotels.com/fr/hotel/cithotel-de-la-gare-6643?partid=1535">https://www.logishotels.com/fr/hotel/cithotel-de-la-gare-6643?partid=1535</a></li> <li>● <a href="https://littlodge.fr">https://littlodge.fr</a></li> </ul> <p>It is also possible to stay in a camping on the sea-coast if you rent a car:</p> <ul style="list-style-type: none"> <li>● <a href="http://www.campingdugoulet.fr">http://www.campingdugoulet.fr</a></li> </ul>
Course location	<p>UBO Open Factory          6, avenue Le Gorgeu, 29200 Brest  <a href="https://www.openstreetmap.org/#map=19/48.39830/-4.49756">https://www.openstreetmap.org/#map=19/48.39830/-4.49756</a></p>
Contact of the person in charge of signing the OLA	<p>Caroline L'Haridon : <a href="mailto:caroline.lharidon@univ-brest.fr">caroline.lharidon@univ-brest.fr</a></p>