

## Annex1: Framework for the EDUC Blended Research Summer Schools

Main goals	<ul style="list-style-type: none"> <li>- Favor and foster attractivity towards Research in general and research professions in particular</li> <li>- Implement peer-learning activities through a research-based programme</li> <li>- Allow Master and PhD students to personalize their curricula and internationalize their profile</li> </ul>
Target value	Until 2026: each EDUC university to organize 1 Research Summer School
Participants	<p>Master and PhD students of the EDUC alliance + possibility to reserve some places for students outside the alliance (e.g. research collaborations with other universities)</p> <p>20 incoming students from the EDUC universities are expected for each SS</p> <p>Host university has the lead on the total number of participants.</p>
Budget - Incentives for students	Sending universities organize the mobility grants payments for their outgoing students who use them to pay for their own transportation, accommodation and meals.
Budget – incentive for teachers-researchers	Universities organize the mobility grants payments for outgoing researchers participating in an EDUC summer school, as co-organiser or guest speaker.
Budget - Logistics	<p>Between 2000€ and 4000€ for the host university to cover logistic costs. Exact amount will be specified in 2023 by the European Commission.</p> <p>Logistic budget may be spent for a welcome dinner, a final event and some cultural activities.</p> <p>Lunches can be organised by host university but paid by each student.</p>
Topics	<p>EDUC common research topics and strategic Research areas (listed below) will be the overarching ‘umbrella’ topics; however, latitude is left to the host university to choose the specific nature of the topic itself.</p> <p>Ideas:</p> <ul style="list-style-type: none"> <li>- Interdisciplinary topics allowing for mix of students from different disciplines (e.g. ethics and deontology, digital aspects in research, environmental transition,...)</li> <li>- Topic connected to one specific research areas (e.g. mathematics, physics, history,...)</li> </ul> <p>EDUC common research topics and strategic research areas:</p> <ul style="list-style-type: none"> <li>o Computer/Digital Science including cybersecurity and Artificial Intelligence</li> <li>o Sustainable changes: climate and resources</li> <li>o Materials Science</li> <li>o Medical Sciences</li> <li>o Behavioral Sciences</li> <li>o Biochemistry and molecular biology</li> <li>o Culture and Heritage</li> <li>o Justice Inequality and Inclusion</li> <li>o Business and Economics</li> </ul>
Collaboration	<p>Universities are strongly encouraged to collaborate in order to provide a high added-value to the EDUC Summer Schools.</p> <p>Teachers-researchers from other EDUC universities should be included in the organization, especially within the pedagogical part of the programme.</p> <p>The local EDUC Teams will support match-making process in case of need.</p> <p>Although there is a degree of co-design, the host university keeps the lead and gives the general direction to their project.</p>
Format	<p><u>Blended (mix of virtual and physical mobilities)</u></p> <ul style="list-style-type: none"> <li>• <b>Distance learning through Virtual Journal Clubs</b> <ul style="list-style-type: none"> <li>- 20-30 hours of student work</li> <li>- Activities foreseen: lecture, individual work, group works</li> </ul> </li> <li>• <b>Onsite summer school for operational, practical learning</b> <ul style="list-style-type: none"> <li>- 1 week (5 days + 2 travel days) as a common guideline</li> <li>- Possible activities: lectures, workshops, poster session, group works, social, physical and cultural activities</li> </ul> </li> </ul> <p><u>Presentation of Virtual Journal Clubs</u></p>

	<p>Objective: have students discuss scientific topics and research papers. Possibility to encourage PhD student to take an active role in the coordination of the activity (e.g. suggestion of papers, introducing the topic, ..)</p> <ul style="list-style-type: none"> <li>• <b>Online Part (virtual)</b> <ul style="list-style-type: none"> <li>- Teacher.s / PhD students to select papers and provide background information in relation with the research topic: <u>2-4 hours lecture</u>.</li> <li>- Sub-groups made of 5 students. Each sub-group to analyse 1 paper. Students work online (analysis, presentation preparation), organize their time as a group: <u>5-8 hours</u></li> <li>- Individual work – <u>5-8 hours</u></li> <li>- 1 or 2 online meetings with teacher-researchers for progress review (1-2 hour each) = <u>4 hours</u></li> </ul> </li> <li>• <b>Onsite part (in presence)</b> <p>Each group to present their papers to the other groups Global discussion among the working groups to compare study methodology, results obtained, differences, evaluation of the articles, etc.</p> </li> </ul>
Period for the SS	<p>Dates should be decided by the host university, in accordance with the most convenient period regarding the local academic calendar. Although partners can try to identify suitable dates for all, the host university keeps the lead.</p> <p>As a reference, during the EDUC pilot phase, most Summer schools were organized in June, July or early September.</p>
Associated / external partners	<p>When possible, and in addition to EDUC partners, integrate associated/external partners and experts in the programme to provide a societal outreach dimension to the activity.</p>
Other hosting aspects	<ul style="list-style-type: none"> <li>- Accommodation: host university to secure it when possible (pre-booking)</li> <li>- Social, physical and cultural activities: integrated within the 5 days</li> </ul>
Selection of students	<ul style="list-style-type: none"> <li>- Host university describes the expected profile of students in the SS description</li> <li>- SS is advertised via the EDUC course catalogue.</li> <li>- A common application form is made available. However, each sending university has the lead on local application and selection procedure.</li> <li>- Sending universities nominate their students</li> <li>- Hosting institution has the final validation</li> </ul>
Learning outcomes	<ul style="list-style-type: none"> <li>- To be identified for each summer school</li> </ul>
Assessment and recognition	<ul style="list-style-type: none"> <li>- Assessment modalities to be organised by each host university. Online quizzes could be implemented in addition to the assessment of the virtual journal club presentations.</li> <li>- 3 ECTS will be offered for all blended research summer schools.</li> <li>- EDUC certificates will be provided</li> </ul>