

## Проектное предложение/ project description

<b>Type of project / Тип проекта</b>	Research
<b>The name of project / Название проекта</b>	<b>Metaprogramme Skills4Future: Intellectual Lab “Humans and Environmental Change”</b>
<b>Department of university /Подразделение инициатор проекта</b>	Department of Management
<b>Project supervisor / Руководитель проекта</b>	<p><b>Elena Zelenskaya (coordinator of the Metaprogramme),</b> Associate Professor at the Department of Management</p> <p><b>Julia Lajus (academic mentor of the Intellectual Lab),</b> Associate Professor at the Department of History, Head of the Laboratory for Environmental and Technological History</p>
<b>Project summary /Подробное описание содержания проектной работы</b>	<p>The Metaprogramme “Skills4Future” is a campus-wide project initiated for bachelor students of all degree programs focused on acquiring 4 soft skills – collaboration, communication, creativity, and critical thinking.</p> <p>Each student participates and benefits from the learning experience in one of the intellectual labs developed by leading professors of HSE – St Petersburg. Within the Intellectual Lab, guided by the Lab’s tutors, the students will work of a particular problem to work out the solutions.</p> <p>On top of the Lab’s activities, the metaprogramme includes a series of workshops focused on acquiring the 4 skills, and guest lectures.</p> <p><b>The Intellectual Lab “Humans and Environmental Change” is developed by the Laboratory for Environmental and Technological History and is supervised by Julia Lajus.</b></p> <p><b>Overview of the Lab</b> The lab focuses on interdisciplinary research that is engaged, both intellectually and in practice, with environmental change as it relates to humans and society. It encourages the students to think about the ecological challenges of today as being rooted in the past and tightly connected with the history of human society, and helps them to master the basic toolkit of historical research – including finding and evaluating sources, creating and critiquing context, building and dissecting narratives – in order to elaborate solutions to practical problems of the environmental policy-making.</p> <p>The lab theoretically relies on the environmental governance approach which emphasizes the connection of people to the ecosystems in which they live and stimulates embedding the environment in all levels of decision-making and action.</p>

	<p>Environmental governance also pays attention to collective decision-making on the environment as a multi-actor and multi-level process, and new ways of regulation and collaboration in an increasingly complex, risky and globalized world. This approach cultivates common human responsibility for the environment and can provide a fruitful ground for an effective problem-solving activity in the lab.</p> <p>Students will be offered to analyze problem situations in the human-nature relationship, both on the global and on the local scale, and present their own historically informed solutions to specific cases, which would take into account both the needs of human development and the environmental sustainability. The range of problem situations can be wide, including adaptation of cities to climate change, building nuclear power plants close to recreation zones, extracting mineral resources in protected areas, the use of gene modification to maintain biodiversity, and other topics. As a result, the students will develop their collective projects aimed at problem solving and defend them publicly.</p>
<p><b>The goals and objectives of the project</b> /Цель и задачи проекта</p>	<p>The Metaprogramme is aimed at the development of a broader set of human skills and more precisely on the 4C-s of the 21st century: collaboration, communication, creativity, and critical thinking.</p>
<p><b>Project's tasks</b> / Проектное задание</p>	<p>Each student will participate in the guest lectures and workshops, as well as contribute to the project of the Intellectual Lab. In small groups, the students will work on a particular problem posed by the Intellectual Lab to work out the solutions. The optimal solutions will be discussed within the Lab Presentations and offered to the Final Presentation Session.</p> <p>Participation in the Intellectual Lab “Humans and Environmental Change” will help students to master the basic toolkit of historical research in order to elaborate solutions to practical problems of the environmental policy-making.</p> <p>Students will analyze problem situations in the human-nature relationship and present their own historically informed solutions to specific cases. The range of problem situations can be wide, including adaptation of cities to climate change, building nuclear power plants close to recreation zones, extracting mineral resources in protected areas, the use of gene modification to maintain biodiversity, and other topics. As a result, the students will develop their collective projects aimed at problem solving and defend them publicly.</p>
<p><b>Project implementation period</b> / Сроки реализации проекта</p>	<p>25 October – 20 December 2021</p>

<b>The number of credits /</b> Количество зачетных единиц	4 ECTS
<b>The form of the final control (exam or test)</b> /Форма итогового контроля	Exam
<b>Entry requirements for students /</b> Требования к студентам, участникам проекта	The Skills4Future metaprogramme is designed for the 2nd and 3rd year Bachelor students. A student of any Bachelor programme at HSE – St Petersburg can apply for Skills4Future.
<b>The results of the project</b> /Планируемые результаты проекта	<ul style="list-style-type: none"> <li>• Students are able to resolve a conflict and to cooperate with group members and take advantage of a group decision as an effective problem-solving activity.</li> <li>• Students are able to communicate in impactful ways and to find a well-suited communication channel in varied social, business and economic cases and environment.</li> <li>• Students are able to develop available tools and methods and to apply them for certain cases and challenges. Students can improve projects and concepts by the force of innovative ideas and trend-setting intentions.</li> <li>• Students are able to analyze social, business and economic cases through various perspectives and to come to independent decisions based on comprehensive review.</li> </ul>
<b>The presentation of the project's results to estimate /</b> Формат представления результатов, который подлежит оцениванию	The assessment consists of several parts: assessment of student's performance in workshops in the form of short tests; peer-assessment of individual contribution within the project group; and the assessment of the final project. The assessment criteria will be made available to the participants of the Intellectual Lab.
<b>Assessment criteria /</b> Критерии оценивания результатов проекта	<p><b>Final grade = Workshop_1 (10%) + Workshop_2 (10%) + Workshop_3 (10%) + Peer assessment within the project group (20%) + Final project (50%)</b></p> <p>Workshops – Each student is supposed to participate in 3 workshops. The performance is measured with the help of a short test.</p> <p>Peer assessment – Individual input of a student in the completion of the project, as evaluated by peers</p> <p>Final project – The final project is assessed by the tutor and/or lab's academic mentor</p>
<b>The number of vacancies /</b> Количество вакантных мест на проекте	35

<b>Selection criteria of students</b> /Критерии отбора студентов	The students are primarily accepted based on the first come-first served basis. However, students should also indicate their motivation in the corresponding field in the online application form. No separate files with motivation letters are required.
<b>Recommended Educational programs</b> /Рекомендуемые образовательные программы	All bachelor programmes
<b>Location</b> /Территория	Most workshops and lab meetings will be held on campus, while guest lectures and project presentations will be organized online.