

Global Environmental Studies

Course Code	Course	Credit	Content of Subject
40GES001**	Introduction to Global Environmental Studies	2	In order to tackle the core of global environmental problems such as “drastic reduction of greenhouse gas emissions” and “realization of a decarbonized society in the latter half of this century,” it has been demanded to have the interdisciplinary perspective that transcends the boundaries of conventional academic fields and to take the transdisciplinary approach that aims for a collaborative problem solution among diverse stakeholders including not only researchers but also citizens, governments, and businesses. “Global Environmental Studies” is not only to systemically establish such perspectives and methodologies and categorizing and numeralize the mutual interaction of humanity and nature, but also to understand them comprehensively. This course is designed to help students understand and acquire this “comprehensive knowledge” and is taught by faculty members that are affiliated with Research Department by giving a series of lectures with specific examples of their research.
40GES002**	Topics of Global Environmental Studies	2	Global environmental problems emerge as problems for society to solve when the interaction between human society and the natural environment becomes dysfunctional. The factors of the problem are complex and intertwined and may be difficult to solve. In such cases, it is necessary to recognize the problem from multiple perspectives from both the humanities/social sciences and natural sciences, and then to collaborate with various actors in society, including government, business, and residents to create solutions to the problem. In this omnibus lecture series, faculty members from RIHN Center and Strategic Planning and Management Department will give lectures on research methods for recognizing global environmental problems and co-creating solutions, using specific examples of their own research.
40GES003**	Introduction to Transdisciplinary Approach	1	Students will learn the characteristics of global environmental problems and the knowledge and methods necessary to solve them through conceptual understanding and practical examples of transdisciplinarity and co-creation methods, with a particular focus on acquiring the following content. – To understand what transdisciplinarity (TD) is. – To acquire skills to practice TD, such as the principles of interdisciplinarity and open science, and how to collaborate with stakeholders in society. – A foundation for engaging in co-creation research with a broad perspective which will enrich ideas for problem solving by being exposed to various research cases involving collaboration with the arts and humanities, etc.,
40GES004**	Global Environmental Studies Seminar III	1	Global environmental problems involve diverse temporal and spatial scales and complex causal relationships. Toward their solution academic research generally is conducted under diverse approaches and goals. In this course, we aim to introduce examples of past research efforts, to learn about the breadth of these approaches, and to find common threads among them on one's own. In this course, 8 lectures will be held in total and in each lecture, we will focus on a research project conducted at RIHN as a case study. The project leader will introduce the problem structure and aims of the research project, and then share the academic achievements and remaining future issues based on empirical data. (8 lectures)

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40GES005**	Global Environmental Studies Seminar IV	1	This course is not offered in FY2023.
40GES006**	Global Environmental Studies Seminar V	1	This course is not offered in FY2023.
40GES007**	Global Sustainability Seminar	1	In this course, students will participate in meetings of young researchers or present a poster at international conferences which will be determined in consultation with the instructor in charge. Prior to participation in the conference, students will prepare application documents or a poster through individual guidance by the instructor in charge or through small-group seminars.