

Classes offered in English at the Graduate School of Environmental Science, Hokkaido University

Master's Program

As of April 2026

Course Title	Division	Credits	Type of Class
Introduction to Environmental Science	Common	2	lecture
Fundamental Course in Environmental Science	Common	1	lecture
Fundamental Course in Environmental Science	Environmental Science Development	2	lecture
Introduction to Global Environmental Management	Environmental Science Development	2	lecture
Advanced Course in Environmental Pollution Comparison	Environmental Science Development	2	lecture
Advanced Course in Environmental Geography	Environmental Science Development	2	lecture
Advanced Course in Climate Change Impacts	Environmental Science Development	2	lecture
Introduction to Natural Environmental Studies	Environmental Science Development	2	lecture
Introduction to Renewable Energy	Environmental Science Development	2	lecture
Advanced Course in Hydrological Cycle	Environmental Science Development	2	lecture
Advanced Course in Environmental Remote Sensing	Environmental Science Development	2	lecture
Advanced Course in Watershed Environmental Science	Environmental Science Development	2	lecture
Advanced Course in Environmental Conservation	Environmental Science Development	2	lecture
Advanced Course in Environmental Analytical Chemistry	Environmental Science Development	2	lecture
Laboratory Work in Environmental Analysis	Environmental Science Development	2	Laboratory Work
Advanced Course of International Science Communication Methods	Environmental Science Development	2	lecture
Special Lecture in Environmental Science Development II	Environmental Science Development	2	lecture
Advanced Course in Academic English Writing for Environmental Sciences	Environmental Science Development	2	lecture
Advanced Course in Paleoclimatology	Earth System Science	2	lecture
Fundamental Course in Biogeochemistry	Earth System Science	2	lecture
Introduction to Circumpolar North	Earth System Science	2	lecture
Advanced Course in Ocean Biogeochemistry	Earth System Science	2	lecture
Advanced Course in Ecosystems and Environments	Earth System Science	2	lecture
Advanced Course in Theoretical Glaciology	Earth System Science	2	lecture
Fundamental Course in Biodiversity of Northern Ecosystems	Biosphere Science	2	lecture
Advanced Course in Environmental Molecular Biology II	Biosphere Science	2	lecture
Advanced Course in Aquatic Biology	Biosphere Science	2	lecture
Fundamental Course in Materials Science I	Environmental Materials Science	2	lecture
Fundamental Course in Materials Science II	Environmental Materials Science	2	lecture
Fundamental Course in Materials Science III	Environmental Materials Science	2	lecture
Advanced Course in Molecular Photonics and Electronics Science I	Environmental Materials Science	2	lecture
Laboratory Work in Environmental Materials Science I	Environmental Materials Science	4	Laboratory Work
Laboratory Work in Environmental Materials Science II	Environmental Materials Science	4	Laboratory Work
Seminar in Environmental Science Development I	Environmental Science Development	4	Seminar and Research
Research in Environmental Science Development I	Environmental Science Development	8	Seminar and Research
Seminar in Earth System Science I	Earth System Science	4	Seminar and Research
Research in Earth System Science I	Earth System Science	8	Seminar and Research
Seminar in Biosphere Science I	Biosphere Science	4	Seminar and Research
Research in Biosphere Science I	Biosphere Science	8	Seminar and Research
Seminar in Environmental Materials Science I	Environmental Materials Science	4	Seminar and Research
Research in Environmental Materials Science I	Environmental Materials Science	8	Seminar and Research

Doctoral Program

Course Title	Division	Credits	Type of Class
Seminar in Environmental Science Development II	Environmental Science Development	4	Seminar and Research
Research in Environmental Science Development II	Environmental Science Development	8	Seminar and Research
Seminar in Earth System Science II	Earth System Science	4	Seminar and Research
Research in Earth System Science II	Earth System Science	8	Seminar and Research
Seminar in Biosphere Science II	Biosphere Science	4	Seminar and Research
Research in Biosphere Science II	Biosphere Science	8	Seminar and Research
Seminar in Environmental Materials Science II	Environmental Materials Science	4	Seminar and Research
Research in Environmental Materials Science II	Environmental Materials Science	8	Seminar and Research