

Master's Programme in Environmental Change and Global Sustainability

preliminary teaching programme 2025-2026

Code	Course name	Scope	Period	Teaching language	Form of teaching	Open to open university students	Open to exchange students
ECGS-001	Introduction to Sustainability Science	5 cr	1. period	English - Completely in English (or multilingual)	including both contact and distance teaching (aka. blended teaching)	yes	yes
ECGS-002	Philosophical and Methodological Foundations of Sustainability Science	5 cr	1. period	English - Completely in English (or multilingual)	including both contact and distance teaching (aka. blended teaching)	yes	yes
ECGS-003	Practical application of sustainability science: learning project	5 cr	4. period	English - Completely in English (or multilingual)	contact teaching	no	yes, if space
ECGS-004	Master's thesis seminar, Autumn	5 cr	1. period	English - Completely in English (or multilingual)	contact teaching	no	no
ECGS-004	Master's thesis seminar, Spring	5 cr	3. period	English - Completely in English (or multilingual)	contact teaching	no	no

ECGS-005	Master's thesis	30 cr	Periods 1-4	Any -	including both contact and distance teaching (aka. blended teaching)	no	no
ECGS-006	Master's thesis	30 cr	Periods 1-4	Any -	including both contact and distance teaching (aka. blended teaching)	no	no
ECGS-008	Master's thesis for Subject Teacher	30 cr	Periods 1-4	Any -	including both contact and distance teaching (aka. blended teaching)	no	no
ECGS-011	Advanced aquatic and sediment biogeochemistry	5 cr	4. period	English - Completely in English (or multilingual)	including both contact and distance teaching (aka. blended teaching)	no	yes
ECGS-013	Restoration of lake ecosystems	5 cr	3.-4. period	English - Materials, assignments, and guidance also in English	Contact teaching	no	yes
ECGS-014	Diagnosis of environmental problems in aquatic ecosystems	5 cr	1. period	English - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-016	Fish research	5 cr	2. period	English - Completely in English (or multilingual)	contact teaching	no	yes

ECGS-017	Fisheries management	5 cr	3. period	English - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-020	Nutrient Loading of Aquatic Ecosystems	5 cr	1. period, weeks 40 & 41	English, Finnish - Materials, assignments, and guidance also in English	contact teaching, field course	no	yes, if background knowlegde is sufficient
ECGS-023	Functional Marine Ecology	5 cr	4. period	English - Completely in English (or multilingual)	contact teaching	no	yes, if background knowledge is sufficient
ECGS-024	Technology in Ecological Research and Environmental Monitoring	5 cr	1. period	English, Finnish - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-026	Portfolio for future	1 - 5 cr	Periods 1-4	Any - Completely in English (or multilingual)	online teaching (not time-bound)	no	yes
ECGS-027	Co-creation Lab	2 cr	1.-4. period	English(Finnish) - Completely in English (or multilingual)	including both contact and distance teaching (aka. blended teaching)	no	no
ECGS-032	Field course on Arctic ecosystems	10 cr	4. period and summer	English, Finnish - Materials, assignments, and guidance also in English	contact teaching	no	yes

ECGS-034	Seminar in northern ecosystems and environment	5 cr	4. period	English - Completely in English	On-site seminar	no	yes, if background knowledge is sufficient
ECGS-036	Arctic and human beings	5 cr	3.-4. period	English - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-039	Arctic climate change	5 cr	3. period	English - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-049	Nature-based Solutions	5 cr	1. period	English - Completely in English	Contact teaching	no	yes
ECGS-050	Science Communication and Thesis Writing	5 cr	2. period	English - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-068	Past environmental change	5 cr	3.-4. period	English - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-071	Advances in environmental chemistry	5 cr	2. period	English - Completely in English (or multilingual)	distance teaching (time-bound)	no	yes

ECGS-073	Fate and transport of pollutants	5 cr	4. period	English - Completely in English (or multilingual)	distance teaching (time-bound)	no	yes
ECGS-076	Urban ecotoxicology	5 cr	1. period	English - Completely in English (or multilingual)	Online teaching, lectures are recorded	no	yes
ECGS-078	Challenge Course	5 cr	3.-4. period	English - Completely in English (or multilingual)	Introduction section, presentation section, groupwork in company	no	yes
ECGS-079	Chemicals in our society - simulations	5 cr	4. period	English - Completely in English (or multilingual)	Online teaching, group works and group meetings	no	yes
ECGS-081	Analytical approaches to human environmental interaction	5 cr	4. period	English - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-084	Environment, technology and culture	5 cr	3.-4. period	English - Completely in English (or multilingual)	online teaching (not time-bound)	no	yes
ECGS-153	Internship period	5 - 10 cr	Periods 1-4	Any -	online teaching (not time-bound)	no	no
ECGS-154	Research group training	5 - 10 cr	Periods 1-4	Any -	online teaching (not time-bound)	no	no

ECGS-201	Perspectives on sustainable consumption	5 cr	1. period	English - Completely in English (or multilingual)	contact teaching	no	yes, max 5
ECGS-202	Sociotechnical (re)construction of consumer society	5 cr	3. period	English - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-203	Sustainability in everyday life	5 cr	2. period	English - Completely in English (or multilingual)	contact teaching	no	yes, max 5
ECGS-204	Business in the natural environment, Period 1	5 cr	1. period	English - Completely in English (or multilingual)	online teaching (not time-bound)	no	yes, max 5
ECGS-204	Business in the natural environment, Period 3	5 cr	3. period	English - Completely in English (or multilingual)	online teaching (not time-bound)	no	yes, max 5
ECGS-901	Field course in Urban Environmental Ecology	5 cr	4. period	English - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-903	Urban Ecosystem Ecology	5 cr	3. period	English - Completely in English (or multilingual)	contact teaching	no	yes

ECGS-904	Urban Environmental Policy	5 cr	2. period	English - Completely in English (or multilingual)	contact teaching	no	no
ECGS-907	Urban Biodiversity	5 cr	3. period	English - Completely in English (or multilingual)	contact teaching	no	yes
ECGS-910	Integrative methods in environmental social science	5 cr	2. period	English - Completely in English (or multilingual)	contact teaching	no	no