

NU**GELP**
NAGOYA UNIVERSITY
Global Environmental Leaders Program

**Developing Human Resources
in Solving Environmental Problems**



NAGOYA
UNIVERSITY

Nagoya University

Global Environmental Leaders Program

Nagoya University Global Environmental Leaders Program, NUGELP has been conducted since 2008. We aim to develop Global Environmental Leaders who are able to identify and investigate environmental problems from a global perspective and propose practical measures to solve them.

Global

Understand cultural diversity and different values, acquire language and communication skills sufficient to manage international discussions and decision-making.

Environmental

Understand the global environmental system and pursue the sustainability of the natural environment (Ecology) and human social activities (Economy).

Leaders

Foster leadership with knowledge and skills, insight and foresight. Develop personalities who can influence others with their philosophy, passion and initiative.

Unique Educational Program

Problem Solving Approaches

Systematic education for understanding of problems, acquisition of countermeasure techniques, system design and policy management skills.

Cross-Faculty Education

Students will enroll in lectures and seminars provided by the Graduate School of Environmental Studies and the Graduate School of Engineering. Students can also take related lectures offered at the Graduate School of Bioagricultural Sciences, the Graduate School of International Development, etc. according to their interests.

Study Tour

Civil and environmental engineering related domestic and overseas study tours provide opportunities to visit actual sites and nourish students' ability to identify and solve problems from broad perspectives.

International Human Resources Development

Lectures and seminars are provided in English. The international and interactive program allows both international and Japanese students to improve their communication skills and global perspective.



Environmental Industry Systems



English Communication in Environmental Issues

Global Research Internship

Global Research Internship (GRI) is conducted in collaboration with companies, NPOs, overseas universities, and international organizations. Students acquire not only advanced specialized knowledge but also practical know-how.



Study Tour to Chubu Infrastructure DX Center and Shin-Maruyama Dam



GRI at Aichi Institute of Technology



GRI at De La Salle University, Philippine

Curriculum for Master's Course

NUGELP offers all courses in English within a comprehensive and interdisciplinary curriculum. Master's program students are required to obtain a minimum of 30 credits mainly from the courses listed below as well as to defend their Master's thesis.

Basic Knowledge and Skills as a Leader

- Sustainability and Environmental Studies
- English Communication in Environmental Issues
- Civil Engineering and Policies for Developing Countries I and II

Acquisition of Cutting-Edge Expertise

- Frontier in Civil Engineering
- Environmental System Analysis and Planning
- Water and Waste Engineering
- Transportation Systems Analysis
- Advanced Urban Planning
- Advanced Traffic Engineering and Management
- Advanced Fluvial and Coastal Hydrodynamics
- Advanced Steel Structures
- Advanced Concrete Structures
- Advanced Geotechnical Engineering
- Seminars by Academic Advisors

Interdisciplinary Courses for Wide Perspective

- Sustainable City Studies
- Climate Change and Infrastructure
- Environmental Industry Systems
- Environmental Urban Systems

Application to Problem Solving

- Global Research Internship (GRI) at local companies, national research institutions, overseas fields etc.
- Master's thesis in English



Graduate School of Environmental Studies
Main Building

Curriculum for Doctoral Course

Doctoral students will be able to cultivate more professional and global views benefiting from the strength of the Integrated Environmental Studies Course in the Graduate School of Environmental Studies.



NUGELP 10th Anniversary Symposium

Participants in NUGELP

Over the past few years, around 20 students participate in NUGELP yearly, reaching 300 students in total since the program started. In addition to educational programs, students will have opportunities for welcome party and tea-chat party. Upon completion of the program, special certificate will be awarded.

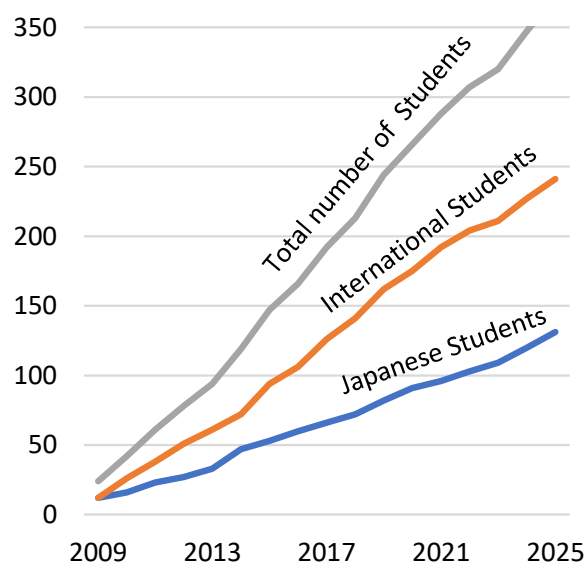


Tea-chat party



Closing Ceremony

Cumulative number of students in NUGELP



Program Eligibility



Students of Sustainable Development Course, Department of Environmental Engineering and Architecture in the Graduate School of Environmental Studies, and the Department of Civil and Environmental Engineering in the Graduate School of Engineering are eligible to apply for this program.

Admission



**Department of Civil and Environmental Engineering,
Graduate School of Engineering**

<https://www.engg.nagoya-u.ac.jp/prospective/?lang=en>



**Sustainable Development Course,
Department of Environmental Engineering and Architecture,
Graduate School of Environmental Studies**

<https://www.env.nagoya-u.ac.jp/english/admission/index.html>



**Civil and Environmental Engineering,
Global 30 International Graduate Program**

<https://admissions.g30.nagoya-u.ac.jp/apply/graduate.php>



Faculty



Latest list of faculties are available at the following website.

<https://www.civil.nagoya-u.ac.jp/introduction/teacher-e.html>



NUGELP Web Site



<http://www.civil.nagoya-u.ac.jp/nugelp/index.html>



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