

	(4) Nagoya University http://en.nagoya-u.ac.jp/	
10. Professors and Associated Professors	Name	Research Subject, Contact (e-mail), Special message for the Future students
	Contact Address	E-mail Address for inquiries: To: fso-jica@civil.nagoya-u.ac.jp
	Takayuki MORIKAWA (Mr.) Professor, Ph.D. (Graduate School of Environmental Studies)	Research orientation: Transportation Systems Analysis Research topics: - Travel behavior analysis and discrete choice modeling - Policies for environmentally sustainable transport and travel demand forecasting under the policies - Urban transport demand management using ITS Travel Behavior Analysis
	Hideki NAKAMURA (Mr.) Professor, Doctor of Engineering (Graduate School of Engineering)	Research orientation: Transportation Engineering Research topics: - Performance-oriented highway planning and design methodology - Evaluation of junction design and traffic signal control - Stochastic analysis of traffic flows
	Hiroki TANIKAWA (Mr.) Professor, Doctor of Engineering (Graduate School of Environmental Studies)	Research orientation: Engineering of Environmental Systems Research topics: - Study on the metabolism of material and energy in cities, and the design of low carbon cities - Study on the economic development, urbanization, industrialization and environment in Asia - Study on sustainable carbon cycle between forest and urban area
	Takashi TOMITA (Mr.) Professor, Doctor of Engineering (Graduate School of Environmental Studies)	Research orientation: National Space Design Research topics: - National and regional space design for sustainable and resilient society - Coastal disaster management - Social implementation of national and regional design methodology
	Hirokazu KATO (Mr.) Professor, Doctor of Engineering (Graduate School of Environmental Studies)	Research orientation: Transport and Environmental Planning, Strategy for Local Transport Systems Research topics: - Life cycle assessment (LCA) of urban transport systems for evaluating the impacts of urban policies on global and local environment - Framework of taxation and transport improvement for realizing environmentally-friendly transport systems - Local transport strategies based on marketing approach
	Hiroaki SHIRAKAWA (Mr.) Associate Professor, Doctor of Engineering	Research orientation: Environmental Economics, Resource Economics Research topics: - Water demand analysis in China

	(Graduate School of Environmental Studies)	- Economic evaluation of environment
	Nagahisa HIRAYAMA (Mr.) Associate Professor, Doctor of Engineering (Graduate School of Environmental Studies)	Research orientation: Environmental & Sanitary Engineering, Environmental Emergency Management Research topics: - Social systems engineering/ Safety system - Civil and environmental engineering
	Miho IRYO (Ms.) Associate Professor, Doctor of Engineering (Graduate School of Environmental Studies)	Research orientation: Transportation Engineering Research topics: - Traffic flow and safety analysis of vehicles and pedestrians - Traffic simulation development
		For more information of professors listed above, please visit the following website: http://www.civil.nagoya-u.ac.jp/english/faculty/index.html
11. Features of University	<p>Nagoya University (NU) was first founded in 1871 as a temporary hospital and medical school on the site of a local feudal council building in Nagoya. After undergoing several transitions, NU received its charter as a Japan's seventh Imperial University and it has grown to be one of the world's top research universities. After 1949, in the comprehensive post-war reform of the nation's educational system, Nagoya University was given a leadership role in the Chubu region. It has since grown into one of the foremost national universities in Japan. In April 2004, Nagoya University was reformed as a "National University Corporation". This transition to National University Corporation status has made it possible to manage the University under the strong leadership of the President founded upon university-wide consensus while still continuing to respect the independence and unique features of each school and department.</p> <p>Throughout its history, NU has maintained a free and vibrant academic culture. Conducting research and education on all aspects of human beings, society, and nature, the university pursues its goal of contributing to the well-being and happiness of humankind. As an educational institution, NU aims at cultivate leaders with genuine courage and intellect. We call such leaders "Yuuki-arū chishiki-jin"; social contributors endowed with the powers of rational thought and creative imagination who have the ability to open up a new age.</p> <p>The large and lush green campus of the University, only a short subway ride from the lively city center of Nagoya, provides a comfortable setting for students to focus on fulfilling ambitious goals and satisfying their thirst for knowledge Today, NU is taking new steps to become a globalized university where students are able to acquire comprehensive knowledge, develop personal ethics and aspire to international careers.</p>	
12 . Features of Graduate School	<p>The Department of Civil Engineering was founded within the Faculty of Engineering, Nagoya University, in 1961, immediately in the wake of the 1959 Isewan Typhoon which caused significant damage in the Tokai area.</p> <p>The department has been committed to studies on Structural engineering and materials, River and maritime engineering, Soil mechanics and geotechnical engineering, Infrastructure systems planning and management, Environment cohabitation and ecological system, Infrastructure technology development and transfer, and National land design, with the strong cooperation of the Graduate School of Environmental Studies. Currently, there are twenty-seven faculty members in the department (including</p>	

	<p>the Graduate School of Environmental Studies), and we maintain a low student-faculty ratio. In the 50 years since the department was founded, the department has accepted many foreign students from various countries, and nearly 300 overseas students have completed courses and graduated from the department.</p> <p>For more information, please visit our website: http://www.civil.nagoya-u.ac.jp/index.html</p>
<p>13. Features and Curriculum of Program</p>	<p>[Expected outcome of the program]</p> <p>(i) Knowledge and experience in infrastructure and environmental conservation mainly based on civil engineering</p> <p>Nagoya University Global Environmental Leaders Program (NUGELP) aims to nurture so-called T-shaped human resources, which retain deep knowledge on a specific discipline (the vertical line of “ T ”) and broad knowledge in interdisciplinary approach (the horizontal line of “ T ”) in a balanced mixture. For the former knowledge, students will be able to acquire advanced knowledge and knowhow on infrastructure development and environmental conservation under the supervision of academic advisor(s) who specialize mainly in civil engineering and environmental studies. The students will then acquire cross-disciplinary perspectives on the programs, such as climate change, water and waste management, etc. through the course works.</p> <p>(ii) International communication skills</p> <p>Through the discussion-oriented course works, students will be able to acquire international communication skills. The program puts its focus on high level communication skills that are essential as policy makers or leaders such as correctly understanding the research and issues, making presentations and reports based on discussions with instructors and course mates, rather than putting its emphasis on literal English skills only.</p> <p>(iii) Concrete policy making skills</p> <p>Through discussion sessions (Seminars) with academic advisor(s) and lab mates, research oriented internship, presentations and reporting, students will be able to plan and propose appropriate countermeasures toward concrete issues.</p> <p>(iv) Accomplishment as a future leader and network enhancement</p> <p>The NUGELP curriculum is carefully designed to nurture future environmental leaders in Asia and Africa. The participants, both international and Japanese, are highly motivated and qualified as potential future global leaders, with whom the students will enjoy active interaction and give synergetic effects of learning each other. Such an environment will create close ties among instructors and students and give the students great opportunities to enhance their global human network.</p> <p>(v) Continuous cooperation with NUGELP and Nagoya University</p> <p>All alumni can receive newsletters from NUGELP and can attend online community sites managed by the program office, which enable sustained relationships between the JDS, PEACE, and ABE fellow returnees and the faculty. Besides, NUGELP will host a joint seminar and an overseas study tour in the fellows' home counties (or surrounding countries with similar situations) by making maximum use of our alumni network.</p>

Nagoya University, together with some other universities, concluded a comprehensive academic agreement with a lot of universities in the world as part of an ongoing effort to facilitate academic cooperation. Such frameworks enable both Nagoya University and the students to establish a foundation for further cooperation after they return to their own countries. This program returnees can expect to see joint research opportunities, human resource exchanges and advice from their academic supervisors.

[Outline of the usual program]

NUGELP can realize the above five outcomes, and its detail is described below.

1. Nagoya University Global Environmental Leaders Program (NUGELP)

NUGELP is an international master's/doctoral program which aims to nurture future environmental leaders in Asia and Africa. It offers a comprehensive curriculum through which students will be able to propose and implement concrete solutions toward problems related to development and environment under intensive instructions by academic advisors mainly specialized in civil engineering. The program had the first student intake in 2008 and receives students from various countries including the Philippines, China, Indonesia, Vietnam, Myanmar and Kenya who are learning in the international environment. NUGELP is implemented jointly by the Graduate School of Environmental Studies and the Graduate School of Engineering, and the students will be enrolled in the former schools as a full-time master's program students with a focus on civil engineering. This program offers the following special academic menus. Details and the latest information is available at our website.

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

2. Unique curriculum

(1) Basic knowledge and skills as a leader

In order to become leading policy makers (global leaders), students are required to retain international communication skills and good understanding toward important concepts regarding urban infrastructure development, and development and environment in a broad context. The courses such as English Communication in Environmental Issues, Sustainability and Environmental Studies, and Civil Engineering and Policies for Developing Countries provide essential knowledge and skills as a leader.

(2) Advanced technologies and knowhow mainly based on civil engineering and environmental studies

This program provides a variety of courses to enhance the vertical line (deep knowledge in a specific discipline) of the T-shaped human resources, mainly based on civil engineering. The courses such as Advanced Maintenance of Infrastructures, Advanced Soil Mechanics, Advanced Composite Materials, Environmental Systems Analysis and Planning, Transportation Systems Analysis, Advanced Traffic Engineering and Management, Advanced Infrastructure Planning, Advanced Maintenance of Infrastructures, Advanced Offshore Engineering, and Conservation and Ecotoxicology of Soil and Water provide advanced technologies and knowhow in each research area.

(3) Interdisciplinary topics

	<p>As for the horizontal line (broad knowledge in interdisciplinary areas) of the T-shaped human resources, the program offers quite a number of courses such as Low Carbon Cities Studies, Climate Change Policies, Water and Waste Management Policies, Water and Waste Engineering to broaden students' policy perspectives in each focal area.</p> <p>(4)Research-oriented internship and master's thesis project</p> <p>Students will design and implement internship (Global Research Internship: two credits) in private companies and international organizations in the Nagoya-Chubu region or overseas survey sites in order to explore how the advanced knowledge and technologies which have been acquired from the course works can be applied to solve actual environmental problems in developing countries. Students will then compile a master's thesis under the intensive supervision of academic advisor.</p> <p>NUGELP offers all its 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 as well as to defend their Master's thesis. Syllabus details for each course are available at the program website.</p> <p>http://www.civil.nagoya-u.ac.jp/nugelp/curriculum/syllabus.html</p>
<p>14. Academic Schedule</p>	<p>Graduate School of Engineering and Graduate School of Environmental Studies</p> <p>FIRST ACADEMIC YEAR</p> <p>October 1, 1st year</p> <ul style="list-style-type: none"> - Admission to the Nagoya University Global Environmental Leaders Program (NUGELP) as a Master Student - Guidance for new students <p>October, 1st year-February, 2nd year (Fall Semester): First Semester</p> <ul style="list-style-type: none"> - Attend lectures, practices and seminars - Individual instruction by academic advisor(s) - NUGELP Workshop (Reference): Presentation and discussion by students and academic advisors <p>April, 2nd year-August, 2nd year (Spring Semester): Second Semester</p> <ul style="list-style-type: none"> - Attend lectures, practices and seminars - Individual instruction by academic advisor(s) - NUGELP Workshop (Reference): Presentation and discussion by students and academic advisors <p>September, 2nd year (Reference): Global Research Internship</p> <ul style="list-style-type: none"> - Group research project working in a group of international and Japanese students at private companies and local governments. <p>SECOND ACADEMIC YEAR</p> <p>October, 2nd year-February, 3rd year (Fall Semester): Third Semester</p> <ul style="list-style-type: none"> - Attend lectures, practices and seminars

	<ul style="list-style-type: none"> - Individual instruction by academic advisor(s) - NUGELP Workshop (Reference): Presentation and discussion by students and academic advisors <p>March, 3rd year</p> <ul style="list-style-type: none"> - Interim reporting and discussion toward a Master's thesis - Discuss with students and academic advisor(s) <p>April-August, 3rd year (Spring Semester): Fourth Semester</p> <ul style="list-style-type: none"> - Attend lectures, practices and seminars - Individual instruction by academic advisor(s) - NUGELP Workshop (Reference): Presentation and discussion by students and academic advisors - Compile a Master's thesis <p>June, 3rd year: Submission and defense of the Master's thesis</p> <p>September 30, 3rd year: Completion of the Master's program</p> <ul style="list-style-type: none"> - Receive a master's degree (Master of Environmental Studies or Master of Engineering) and program certificate
15. Supporting service to International Students	
International Students Support Center for Consulting or counseling about daily life, campus life, cross-cultural adjustment etc.	Counseling services and social services / Coordinating Japanese language & culture course for international students' family members. For more information, http://acs.iee.nagoya-u.ac.jp/en/
Provision of Student Dormitory	Nagoya University has 6 dormitories for international students. For more information, http://en.nagoya-u.ac.jp/academics/campus_life/housing/index.html
Japanese Language Education Program for International Students	International Center for Languages offers the following courses in Japanese language. (1) Standard Courses in Japanese / Intensive courses in Japanese, (2) Online Japanese Courses, (3) Kanji, (4) Introductory Lectures in Japanese Studies, (5) Intensive Course in Elementary Japanese, (6) Intensive Course in Advanced Japanese.
Cultural Activities	<ul style="list-style-type: none"> • Day Trip for International Students which is deepen understanding of Japan through visiting historical and traditional sites including the world heritages. • Cooperation to community-based sightseeing tours for international students.
Any special attention to Religious Practice	Halal food available in a restaurant on campus / Halal shop & restaurant near campus / Consideration to religious practices
facilities (Library etc)	The University Library is composed of the Central Library, the Medical Library, and departmental libraries within the faculties, institutes, and other research centers. The library holds 3,195,432 volumes of books and currently subscribes to 2,538 journals. Each library is connected by an integrated library computer system at the Central Library via campus LAN. http://www.nul.nagoya-u.ac.jp/index_e.html

<p>Please state other particular supporting service you are endeavoring, if any.</p>	<p>Many outreach programs and opportunities of cultural exchange, global leadership, etc., on campus / Services for students with disabilities / supporting Japanese language & culture course for international students' family members.</p>
<p>16. Message to Prospective International Students</p>	
<p>Message from University</p>	<p>Nagoya University was first founded in 1871 as a temporary hospital and medical school. After undergoing several transitions, Nagoya Imperial University was established in 1939. The name of the university was changed to Nagoya University in 1949 and it has grown to be one of the world's top research universities. Throughout its history, NU has maintained a free and vibrant academic culture. Conducting research and education on all aspects of human beings, society, and nature, the University pursues its goal of contributing to the well-being and happiness of humankind. As an educational institution, Nagoya University aims to cultivate leaders with genuine courage and intellect. We call such leaders "Yuuki-arū Chishiki-Jin": Social contributors endowed with the powers of rational thought and creative imagination who have the ability to open up a new age.</p> <p>The large and lush green campus of the University, only a short subway ride from the lively city center of Nagoya, provides a comfortable setting for students to focus on fulfilling ambitious goals and satisfy their thirst of knowledge. Today, Nagoya University is taking new steps to become a globalized university where students are able to acquire comprehensive knowledge, develop personal ethics and aspire to international careers.</p> <p>Please refer to the Website for details.</p>
<p>Voice of International Students</p>	<p>Please see the Website.</p>