



**UNITED NATIONS
UNIVERSITY**

UNU-IAS

Institute for the Advanced Study
of Sustainability

United Nations University

Institute for the Advanced Study of Sustainability

Graduate School code : 65

Web site: <http://ias.unu.edu>

1. Graduate School code	65	
2. Maximum number of participants	2 participants for every year	
3. Fields of Study	<input checked="" type="checkbox"/> Environmental Science <input type="checkbox"/> Marine Science <input type="checkbox"/> Meteorology <input checked="" type="checkbox"/> Natural Disaster/ Disaster Prevention Science <input checked="" type="checkbox"/> Tourism <input type="checkbox"/> Politics <input type="checkbox"/> Economics <input type="checkbox"/> Sociology <input type="checkbox"/> Education <input checked="" type="checkbox"/> Engineering <input checked="" type="checkbox"/> Agriculture (incl. Fisheries) <input type="checkbox"/> Geology <input type="checkbox"/> ICT <input type="checkbox"/> Medical Science <input checked="" type="checkbox"/> Others(Sustainability Science)	
Sub Fields	Sustainability Sciences	
4. Program and Degree	Program	Institute for the Advanced Study of Sustainability
	Degree	Master of Science in Sustainability
5. Standard time table (Years needed for graduation)	2 years as a Master's Student	
6. Language of Program	The language of instruction is all in English including text book.	
7. Desirable English level and Necessary Academic background	Linguistic Ability	(1) English Proficiency is mandatory. Necessary level of English: TOEFL IBT:100, PBT:600, IELTS:7.0 or higher
	EJU, IELTS, GRE or else	(2) applicants should have completed a bachelor's degree Programme or equivalent in a relevant field of study
8. Prior Inquiry From Applicants (Before Submission of Application Documents)	Unnecessary	
9. Website	(1) Institute of the Advanced Study of Sustainability http://ias.unu.edu/en/ (2) United Nations University http://unu.edu/	
10. Professors and Associated Professors	Name	Research Subject, Contact (e-mail), Special message for the Future students
	Contact Address	Online Inquiry: http://ias.unu.edu/en/about/contact-us#overview T: +81 (0)3 5467-1212
	Dr. Saito, Osamu (Academic Programme Officer)	Research Interests -Ecosystem assessment and management -Environmental systems research -Landscape ecology -Sustainability Science

	<p>Courses:</p> <ul style="list-style-type: none"> -UNU-Intensive Core Course - Natural Capital and Biodiversity -Environmental Statistics and Research Methods -Sustainable Bioproduction and Ecosystems Management - Interdisciplinary Research Seminar - Graduate Research Seminar <p>http://ias.unu.edu/en/people/experts/osamu-saito.html#profile</p>
Dr. Riyanti Djalante (Research Associate)	<p>Research Interests</p> <p>Climate change adaptation</p> <ul style="list-style-type: none"> - Disaster risk reduction - Governance - Sustainable development <p>Courses:</p> <ul style="list-style-type: none"> -Regilience and Adaptation Science
Dr. Lindner, Robert (Research Associate)	<p>Research Interests</p> <ul style="list-style-type: none"> -Global environmental governance -Global governance and the post-2015 development agenda (SDGs) -Knowledge diffusion -Sustainable consumption and production -Sustainable energy <p>Courses:</p> <ul style="list-style-type: none"> -UNU-Intensive Core Course: Human Development and Global Sustainability (HDGS) <p>http://ias.unu.edu/en/people/experts/robert-lindner.html#profile</p>
Dr. Masago, Yoshifumi (Research Fellow)	<p>Research Interests</p> <ul style="list-style-type: none"> -Microbial water quality of various types of water, and its effect on human health <p>http://ias.unu.edu/en/people/experts/yoshifumi-masago.html#profile</p>
Dr. Shoyama, Kikuko (Research Associate)	<p>Research Interests</p> <ul style="list-style-type: none"> -Forest Ecology <p>Courses:</p> <ul style="list-style-type: none"> -Remote Sensing <p>http://ias.unu.edu/en/people/experts/kikuko-shoyama.html#profile</p>
Dr. Subramanian, Suneetha (Adjunct Senior Research Fellow)	<p>Research Interests</p> <ul style="list-style-type: none"> -Biodiplomacy -Ecosystems -Policy development -Policy implementation <p>Courses:</p> <ul style="list-style-type: none"> - UNU-Intensive Core Course - Natural Capital and Biodiversity <p>http://ias.unu.edu/en/people/experts/suneetha-subramanian.html#profile</p>
Dr. Vaughter, Philip (Research Fellow)	<p>Research Interests</p> <ul style="list-style-type: none"> -The synergies and obstacles in linking local, regional, and national education policies to UN policy objective <p>Courses:</p> <ul style="list-style-type: none"> -Remote Sensing -Graduate Research Seminar <p>http://ias.unu.edu/en/people/experts/philip-vaughter.html#profile</p>

For more information of professors listed above, please visit the following website:
<http://ias.unu.edu/en/people/experts>

11. Features of University

The United Nations University (UNU) is a global think tank and postgraduate teaching organization headquartered in Japan. The mission of the UN University is to contribute, through collaborative research and education, to efforts to resolve the pressing global problems of human survival, development and welfare that are the concern of the United Nations, its Peoples and Member States.

In carrying out this mission, the UN University works with leading universities and research institutes in UN Member States, functioning as a bridge between the international academic community and the United Nations system.

Through postgraduate teaching activities, UNU contributes to capacity building, particularly in developing countries.



UNU Building

12 . Features of Graduate School

The United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS) is a leading research and teaching institute based in Tokyo, Japan. Its mission is to advance efforts towards a more sustainable future, through policy-oriented research and capacity development focused on sustainability and its social, economic and environmental dimensions. UNU-IAS serves the international community through innovative contributions to high-level policymaking and debates, addressing priority issues for the UN system.

The activities of the institute are in three thematic areas: sustainable societies, natural capital and biodiversity, and global change and resilience. UNU-IAS applies advanced research methodologies and innovative approaches to challenge conventional thinking and develop creative solutions to emerging issues of global concern in these areas. The institute's research, education and training combine expertise from a wide range of areas related to sustainability, and engage a global network of scholars and partner institutions.

Through postgraduate teaching UNU-IAS develops international leaders with the interdisciplinary understanding and technical skills needed to advance creative solutions to problems of sustainability. The institute offers master's and doctoral degrees, postdoctoral fellowships and innovative short courses, in close collaboration with leading universities in Japan and other countries.



Graduation Day at Reception Hall

The Master of Science in Sustainability programme equips students with the knowledge and skills necessary to contribute to solving challenges of sustainability. Drawing on an innovative, interdisciplinary approach, the programme integrates methods and resources from the natural and social sciences, as well as the humanities.

The programme builds on UNU's strong record in research and capacity development, as well as the extensive network of scholars and academic institutions participating in UNU research. The programme is practically oriented, user-focused, and of the highest academic quality. It is intended for recent graduates, professionals and practitioners interested in the unique opportunity to study at a global university and gain valuable skills, which will enable them as international professionals to meaningfully contribute to the work of governments, civil society, the private sector, and the UN and other international organizations.

<p>13. Features and Curriculum of Program</p>	<p>The master's programme strives to impart a holistic view point to address development needs of society without affecting underlying sustainability of earth through an innovative interdisciplinary approach that integrates the natural sciences, social sciences and humanities.</p> <p>UNU-IAS's broad network of international researchers and experts provides students opportunities that allow and encourage collaborative research. Both programmes offer opportunities to gain both theoretical and empirical knowledge and practical experience, and skills through training courses including field research with UN agencies or other international organizations.</p> <p>UNU-IAS develops its programmes by collaborating with other leading universities both in Japan and outside of Japan. Students have opportunities to take courses from those well known universities in the field of sustainability. Students benefit from UNU-IAS's close relationship with the UN system. They will have opportunity to interact with leading academics, researchers, policymakers and practitioners.</p> <p>Course Information</p> <p>Credit requirement: At least 30 credits</p> <p>Broad Overview Courses (Core component): 6 credits Elective courses (Theory component): 6 credits Competency courses (Competency component): 4 credits Compulsory Research Seminars: 6 credits Master's Thesis: 8 credits</p> <p>Broad Overview Courses</p> <ul style="list-style-type: none"> -The United Nations System and Sustainable Development -Global Change and Planetary Boundaries -Natural Capital and Biodiversity -Resilience and Adaptation Science -Frontier of Sustainability Science <p>Elective Courses</p> <ul style="list-style-type: none"> -Water Resources Systems -Sustainable Bioproduction and Ecosystems Management -Law and Practice of the United Nations -International Development: Ideas, Experience & Prospects -Sustainable Energy: Governance & Policy -Introduction to International Relations & Global Studies -Environmental Politics and Climate Change <p>Competency Courses</p> <ul style="list-style-type: none"> -Remote Sensing and Geographical Information Systems (GIS) -Environmental Statistics and Research Methods (ESRM) -Science Communications <p>Compulsory Research Seminars</p> <ul style="list-style-type: none"> -Trans-disciplinary Research Seminar -Sustainability Science Research Seminar
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	<p>-Graduate Research Seminar</p> <p>*The course offered is subject to change without notice.</p> <p>Research Seminars</p> <p>Research Seminar is designed to equip students with the necessary skills to undertake interdisciplinary research in sustainability. Seminars emphasize collaborative knowledge building, and incorporate a wide range of learning approaches. Critical analysis, research design, quantitative and qualitative methodologies, and thesis writing are among the skills developed through these interactive and student-centered seminars. Other learning activities include group projects, guest lectures, workshops, and visits to United Nations and government agencies in Tokyo.</p>
<p>14. Academic Schedule</p>	<p>■ FIRST YEAR ■</p> <p>September 2018</p> <ul style="list-style-type: none"> - Admission to the UNU-IAS as a Master Student - Guidance for new students - Attend lectures of the Intensive Core Courses <p>October 2018-February 2019 (Fall Semester): First Semester</p> <ul style="list-style-type: none"> - Attend lectures, practices and seminars - Individual instruction by academic advisor(s) <p>April, 2019-August, 2019 (Spring Semester): Second Semester</p> <ul style="list-style-type: none"> - Attend lectures, practices and seminars - Individual instruction by academic advisor(s) <p>■ SECOND YEAR ■</p> <p>September 2019</p> <ul style="list-style-type: none"> - Attend lectures of the Intensive Core Courses <p>October 2019-February 2020 (Fall Semester): Third Semester</p> <ul style="list-style-type: none"> - Attend lectures, practices and seminars - Individual instruction by academic advisor(s) - Interim reporting and discussion toward a Master's thesis - Discuss with students and academic advisor(s) <p>April-July, 2020 (Spring Semester): Fourth Semester</p> <ul style="list-style-type: none"> - Attend lectures, practices and seminars - Individual instruction by academic advisor(s) - Compile a Master's thesis <p>May-June, 2020: Submission and defense of the Master's thesis</p> <p>July 2020: Completion of the Master's program</p> <ul style="list-style-type: none"> - Receive a master's degree (Master of Science in Sustainability)

15. Supporting service to International Students	
International Students Support Center for Consulting or counseling about daily life, campus life, cross-cultural adjustment etc.	UNU-IAS assists students from the time of their registration to graduation, acknowledging that students may experience difficulties adjusting to a new country and culture. An induction programme is conducted at the beginning of the academic session, introducing students to the staff responsible for specific student services, and familiarizing students with the campus through a tour of the facilities.
Provision of Student Dormitory	Students are provided with a handbook including information about living in Tokyo prior to their arrival, including information on how to find accommodation.
Japanese Language Education Program for International Students	UNU-IAS students can take Japanese language class.
Cultural Activities	Cooperation to community-based sightseeing tours for international students.
Any special attention to Religious Practice	
facilities (Library etc)	<p>The UNU Library offers access to a range of academic books, over 20,000 electronic journals, official UN documents issued since 1946, and publications in the International Monetary Fund, World Bank, and Organisation for Economic Co-operation and Development e-libraries. Students have access to libraries of other partner universities in Japan such as Sophia University and The National Graduate Institute for Policy Studies. All students are provided a comprehensive library orientation session at the beginning of the course.</p> <p>An online learning tool will be provided for students to access lecture notes, reading list and other materials specific to each course, as well as a message board and forum to facilitate discussion among faculty and students.</p>
Please state other particular supporting service you are endeavoring, if any.	
16. Message to Prospective International Students	
Message from University	<p>Since the adoption of the 2030 Agenda for Sustainable Development and the Paris Agreement on climate change, the focus of the international community has turned to implementation. As such efforts accelerate across the globe, UNU-IAS plays a more important role than ever, in developing interdisciplinary scientific knowledge and producing science-based inputs to inform policymaking. UNU-IAS makes important contributions to these and other international policy agendas.</p> <p>Students in UNU-IAS benefit from working closely with the projects, an expert teaching faculty comprising both UNU-IAS academic staff and invited distinguished scholars and practitioners. Sharing a building with many UN agencies, UNU-IAS offers a unique learning environment for its diverse international student body.</p>

Voice of International Students

- The Masters of Science in Sustainability programme helped me to gain knowledge on wide array of subjects. As a person who has a background of environmental science, I was not aware about the fields such as peace mission, war and global political issues, but this course nourished me and taught me to see things in holistic way. Transdisciplinary nature is one of the unique features in the researches conducted in the UNU which helped me to get invaluable international academic opportunities and an award after enrolling to the UNU.

- The masters of science in sustainability at UNU-IAS is really amazing in its transdisciplinarity. Students get to work on a wide array of issues that are top on the global agenda in terms of sustainable development. Issues ranges from climate and ecosystem changes, to disaster risk reduction, ecosystem valuation and sustainable cities.

Students are also given a solid background in research methods through the competency and mandatory courses, such as, GIS and remote sensing; environmental statistics; science communication, etc. to equip students with tools necessary to advance the agenda of the sustainable development goals.



Students greeting UN Secretary-General Ban Ki-moon