## **APPLICATION GUIDE**

# International Energy Science Course

MASTER'S & DOCTORALPROGRAM Academic Year 2024 Admission Cycle II – October intake



Graduate School of Energy Science Kyoto University

## **INTERNATIONAL ENERGY SCIENCE COURSE**

#### Master's & Doctoral Program Application Guide 2024 - Admission Cycle II, October intake

#### **CONTENTS**

INTROD	UCTION	1
Progr	am Overview	1
Depar	tments providing the program	1
Admis	sion Cycles	2
MASTEF	R'S PROGRAM	3
M-II 1.	Enrollment Capacity	3
M-II 2.	Enrollment Date	3
M-II 3.	Eligibility Requirements for Applicants	3
M-II 4.	Recommended English Language Test Score	
M-II 5.	Admission Selection Process and Interview	3
M-II 6.	Laboratories/Research Groups	4
M-II 7.	Documents Required for Screening	4
M-II 8.	Application Fee*	5
M-II 9.	Application Deadlines and Timetable	5
DOCTOR	RAL PROGRAM	6
D-II 1.		
D-II 2.	Enrollment Date	6
D-II 3.	Eligibility Requirements for Applicants	6
D-II 4.	Recommended English Language Test Score	6
D-11 5.	Admission Selection Process	6
D-II 6.	Academic Supervisor	6
D-II 7.	Documents Required For Screening	7
D-II 8.	Application Fee*	8
D-II 9.		
GENER <i>A</i>	AL INSTRUCTIONS	8
G1.	Method of Application	
<i>G2.</i>	Application Fee	9
G3.	Enrollment Procedures, Admission Fee and Tuition	9
G4.	General Notes	10
G5.	Contact	10

#### APPENDIX I: IESC LABORATORY CODE AND KEYWORDS

#### **APPENDIX II: Forms**

Please note that this is a guide to admission in 2024 and should not be used for applications for admission in subsequent years. Applicants for 2025 should contact the GSES Administration Office after October 2024 onward to obtain revised guide and forms.

#### INTRODUCTION

#### PROGRAM OVERVIEW

PROGRAM: International Energy Science Course

DEGREE TITLE: Master of Energy Science, Doctor of Energy Science

STANDARD COURSE DURATION: 2 years full time for a Master's; 3 years full time for a doctorate.

LANGUAGE OF INSTRUCTION: English

The International Energy Science Course is an offering from one of Japan's most prestigious universities.

It is specially tailored for international students and those who have been educated outside Japan. A Master's degree is awarded to those who have obtained at least 45 credits, received academic supervision by a faculty member, and successfully defended their Master's thesis in an oral examination. The Doctoral program provides international students and researchers who have a Master's degree an opportunity to further their studies toward a doctoral degree at Kyoto. A doctoral degree is awarded to those who have conducted original academic research receiving scholarly supervision by faculty members and successfully defended their doctoral thesis in an oral examination with minimum 4 credits earned from lectures/seminars.

#### DEPARTMENTS PROVIDING THE PROGRAM

Students will be enrolled in one of the following four departments\* within the Graduate School of Energy Science, depending on their field of interest.

\* Admission to the DEPARTMENT OF ENERGY SCIENCE AND TECHNOLOGY is limited to the Doctoral program.

#### DEPARTMENT OF SOCIO-ENVIRONMENTAL ENERGY SCIENCE

SES leads research on the effective use of energy and resources and analysis of energy systems in order to build a sustainable social system within the global environment. Core subjects include: introduction to non-carbon energy; engineering in social systems; energy economics; bioenergy; energy environmental impacts; system safety; and energy policy.

#### DEPARTMENT OF FUNDAMENTAL ENERGY SCIENCE

FES offers fundamental science education and research to contribute to cleaner energy solutions. Core subjects include: chemistry in energy systems; plasma physics; fusion science; and laser-matter interaction.

#### DEPARTMENT OF ENERGY CONVERSION SCIENCE

ECS conducts education and research on generation, conversion, control and the utilization of various kinds of energy to establish efficient and clean energy systems. Core subjects include: combustion engineering; materials science; fusion and microwave technologies; and plasma physics.

#### DEPARTMENT OF ENERGY SCIENCE AND TECHNOLOGY

EST conducts education and research on the development of more efficient utilization of direct and indirect energy supplies based on disciplines such as resources, metallurgical, mechanical and electrical engineering. With the aim to establish environmentally friendly process technologies. Core subjects include: materials science; mineral processing; and physics.

Please refer to the website <a href="http://www.energy.kyoto-u.ac.jp/en/admission/admission-information//">http://www.energy.kyoto-u.ac.jp/en/admission/admission-information//</a> for the prospectus of the Graduate School of Energy Science or for outlines of the respective departments.

#### **ADMISSION CYCLES**

The IESC Master's degree program commences in October only, while the doctoral program has two application cycles a year – Cycle I for April enrollment and Cycle II for October enrolment. It is important to apply to the appropriate selection cycle according to the date of your intended enrollment. Offers of admission cannot be deferred to another admission cycle.

Cycles	Degree	Application deadline	Decision notification	Enrollment	Scheduled degree completion
Cycle I	Doctoral	July 1, 2023	September 8, 2023	April 1, 2024	March 2027
Cycle II	Master's Doctoral	February 1, 2024	March 25, 2024	October 1, 2024	Master's: September 2026 Doctoral: September 2027

#### MASTER'S PROGRAM

#### M-II 1. ENROLLMENT CAPACITY

The application process is quite competitive, with a limit of 10 students per academic year for the three departments (Department of Socio-Environmental Energy Science, Department of Fundamental Energy Science, and Department of Energy Conversion Science) for both cycles.

#### M-II 2. ENROLLMENT DATE

October 1, 2024

#### M-II 3. ELIGIBILITY REQUIREMENTS FOR APPLICANTS

Eligibility for applicants, as set forth in the General Rules for Kyoto University, is checked prior to selection process.

Applicants must have both of the following qualifications:

- (1) a. Have graduated, or be expected to graduate from a recognized higher education institution outside of Japan with a good bachelor's or higher degree by the official date of enrolment\*, or alternatively,
  - b. Have graduated, or be expected to graduate from a university in Japan by the official date of enrolment\* as an overseas student holding a legal status of residence (valid Japan visa).
- (2) Have a competitive proficiency in academic English.

\*PLEASE SEE M-II 2

#### M-II 4. RECOMMENDED ENGLISH LANGUAGE TEST SCORE

Applicant must supply suitable evidence of English proficiency if he/she is not a national of a majority English speaking country, e.g. Australia, Canada, UK, US and so on, or his/her first language is not English. Recommended scores are 80 or higher for TOEFL iBT, and 6.0 or higher for IELTS.

#### M-II 5. Admission Selection Process and Interview

The selection of candidates for admission to the IESC will be conducted through a two-stage process. The process will be as follows:

#### 1) First Screening Stage (documents)

The first stage of screening will be based on evaluation of the documents submitted.

The results will be informed by February 29, 2024 via email.

Candidates who pass the First Screening will be informed and invited to the second stage of screening.

#### 2) Second Screening Stage (interview)

The second stage of screening will be based on an interview (by online).

The final admission decision will be judged on the basis of performance in both stages of screening, as well as the availability of student places within the field of proposed study in the department. Admission results will be notified on March 25, 2024 both by email and post.

#### M-II 6. LABORATORIES/RESEARCH GROUPS

Applicants should specify which laboratories/research groups interest them in terms of their research project on Form A. On acceptance, they will be affiliated with one of these groups and receive academic supervision with their research and thesis. Please note that not all laboratories have the capacity to take new Master's candidates in

Although this degree program does not require specific bachelor's degrees (BSc, BEng, BA, etc.) for admission, some research groups expect students who will receive their academic supervision to have undergraduate-level knowledge and experience in certain academic areas. Please see *Appendix* for availability of student positions and their preferred / required existing knowledge.

#### M-II 7. DOCUMENTS REQUIRED FOR SCREENING

Forms are available to download at website:

http://www.energy.kyoto-u.ac.jp/en/admission/admission-documentation/

nttp.	// www.energy.kyoto-u.ac	Jp/en/admission/admission-documentation/							
1	Form A Application	<ul> <li>With a passport style photo taken within 3 months must be pasted to the boxed area provided in the application form.</li> <li>Please do not use a modified photograph.</li> </ul>							
2	Form B Personal history	Educational and vocational background							
3	Form C Reference (2)	<ul> <li>Form C must be used for recommendation. Submit two recommendation letters on separate Form C's from two referees (academic advisors, tutors etc.) with whom the applicant is well acquainted.</li> <li>Recommendation letters should be sealed and signed by referees.</li> </ul>							
4	Graduation certificate	Only original copies or officially certified duplicates are accepted. Current students should submit a certificate detailing expected graduation and their most recent official transcripts.							
5	University academic transcripts	English translation must be provided for documents written in any language other than English.							
6	Summary of the graduation thesis/ project	<ul> <li>- Written in English (1-2 pages, 400 - 500 words) on A4-size paper. Please ensure that your document is within the specified limits. Content that goes beyond the limits will not be evaluated.</li> <li>- Where no thesis was required, provide a summary of a final year project that required research and analytical skills.</li> <li>- Final year undergraduate students can submit a summary of their major academic assignment or project so far instead of a thesis summary, which is not completed yet.</li> </ul>							
7	Statement of purpose	- Submit a document describing your motivation and reasons for applying to the Graduate School of Energy Science on A4-size paper in English (1-2 pages, 400 - 500 words). Please ensure that your document is within the specified limits. Content that goes beyond the limits will not be evaluated.							
8	Official score report of TOEFL* or IELTS *including Special Home Edition	<ul> <li>Applicants whose first language is not English must submit the official score report of TOEFL iBT (Internet Based Testing)* or IELTS Academic Module.         *including Special Home Edition</li> <li>Test must have been taken within the last 24 months prior to the date of application deadline.</li> <li>Test scores are to be sent from the testing agents, e.g. ETS or the British Council, directly to "The Administration Office, Graduate School of Energy Science, Kyoto University. (TOEFL Institution Code: 9501 KYOTO UNIVERSITY, Department Code: 69 PHYSICAL SCIENCES – ENGINEERING, OTHER) by the application deadline. (i)</li> </ul>							
9	Photocopy of passport	Submit a photocopy of the applicant's valid passport showing the photograph page.							
10	Official copy of certificate of residence	<ul> <li>Residents of Japan should submit a photocopy of their resident card (front and back).</li> <li>Residence certificates are issued at the city/ward office of the registered domicile.</li> </ul>							
11	Disclaimer	Please read carefully and sign.							

Note: (i) Applicants should arrange to take the test as early as possible to ensure the timely receipt of the score report. It could take up to eight weeks for us to receive the score from the testing agent.

#### M-II 8. APPLICATION FEE

10,000 JPY\* \*PLEASE SEE G2

#### M-II 9. APPLICATION DEADLINES AND TIMETABLE

Application deadline: February 1, 2024 17.00 (UTC+9)

Application fee payment: February 7 - 14, 2024

Results notification of first screening stage February 29, 2024

Interview period: March 5 - 8, 2024 Announcement of final results: March 25, 2024

Enrolment procedures: May 10 - June 28, 2024

#### **DOCTORAL PROGRAM**

#### D-II 1. ENROLLMENT CAPACITY

10 students per academic year for the four departments for both cycles.

#### D-II 2. ENROLLMENT DATE

October 1, 2024

#### D-II 3. ELIGIBILITY REQUIREMENTS FOR APPLICANTS

Eligibility for applicants, as set forth in the General Rules for Kyoto University, is checked prior to selection process.

Applicants must have both of the following qualifications:

- (1) a. Have obtained, or be expected to obtain a Master's degree (or equivalent) from a recognized higher education institution outside of Japan by the official date of enrollment\*, or alternatively,
  - b. Have obtained, or be expected to obtain a Master's degree (or equivalent) from a university in Japan as an oversea student holding a legal status of residence (valid Japan visa).
- (2) Have a competitive proficiency in academic English.

\*PLEASE SEE D-II 2

#### D-II 4. RECOMMENDED ENGLISH LANGUAGE TEST SCORE

Applicant must supply suitable evidence of English proficiency if he/she is not a national of a majority English speaking country, e.g. Australia, Canada, UK, US and so on, or his/her first language is not English. Recommended scores of 80 or higher for TOEFL iBT and 6.0 or higher for IELTS.

#### D-II 5. Admission Selection Process

Applicants are subject to screening based on the application documents and an interview via online, as well as availability of the field of proposed study in the department. Candidates will be contacted directly and briefed on details of the interview.

#### D-II 6. ACADEMIC SUPERVISOR

Applicants should specify a faculty member under whose supervision they research. <u>Before proceeding</u> <u>with application, applicants MUST contact a prospective academic supervisor</u> in any of four departments to discuss their application and potential research topic.

## D-II 7. DOCUMENTS REQUIRED FOR SCREENING

Forms are available to download at website:

http://www.energy.kyoto-u.ac.jp/en/admission/admission-documentation/

<u>nup:</u>	//www.energy.kyoto-u.ac.jj	p/en/admission/admission-documentation/
1	Form A Application	<ul> <li>With a passport style photo taken within 3 months must be pasted to the boxed area provided in the application form.</li> <li>Please do not use a modified photograph.</li> </ul>
2	Form B Personal history	Educational and vocational background
3	Form C References(2)	<ul> <li>Form C must be used for recommendation.</li> <li>Submit two recommendation letters on Form C's from two referees (academic advisors, tutors etc.) with whom the applicant is well acquainted.</li> <li>Recommendation letters should be sealed and signed by referees.</li> </ul>
4	Degree certificates	<ul> <li>Required for both undergraduate/bachelor's and postgraduate/Master's.</li> <li>Only original copies or officially certified duplicates are accepted.</li> </ul>
5	University academic transcripts	<ul> <li>Current students should submit a certificate detailing expected graduation and the recent transcripts available.</li> <li>English translation must be provided for documents written in any language other than English.</li> </ul>
6	Summary of Master's thesis	<ul> <li>- Written in English (1-2 pages, 400 - 500 words) on A4-size paper. Please ensure that your document is within the specified limits. Content that goes beyond the limits will not be evaluated.</li> <li>- Where no thesis was required in your Master's, provide a summary of a final year project that required research and analytical skills.</li> </ul>
7	Research proposal	<ul> <li>- Submit a research proposal for your doctoral degree on A4-size paper in English (2-4 pages, 1000 - 1500 words). Please ensure that your document is within the specified limits. Content that goes beyond the limits will not be evaluated.</li> <li>- Candidates must discuss their research proposal with their prospective supervisor at Kyoto before submission.</li> </ul>
8	Official score report of EFL test (English as a Foreign Language) (TOEFL*/ IELTS) *including Special Home Edition	<ul> <li>Applicants whose first language is not English must submit a copy of the official score report of internationally recognized EFL test.</li> <li>TOEFL iBT (Internet Based Testing) * or IELTS Academic Module are preferred. *including Special Home Edition</li> <li>Test must have been taken within the last 24 months prior to the date of application deadline.</li> <li>Test scores are to be sent from the testing agents, e.g. ETS or the British Council, directly to "The Administration Office, Graduate School of Energy Science, Kyoto University. (TOEFL Institution Code: 9501 KYOTO UNIVERSITY, Department Code: 69 PHYSICAL SCIENCES - ENGINEERING, OTHER) by the application deadline. (1)</li> </ul>
9	Photocopy of passport	Submit a photocopy of the applicant's valid passport showing the photograph page.
10	Official copy of certificate of residence	<ul> <li>Residents of Japan should submit a photocopy of their resident card (front and back).</li> <li>Residence certificates are issued at the city/ward office of the registered domicile.</li> </ul>
11	Disclaimer	Please read carefully and sign.

Note: (i) Applicants should arrange to take the test as early as possible to insure the timely receipt of the score report. It could take up to eight weeks for us to receive the score from the testing agent. (ii) Current IESC Master's students wishing to pursue a PhD through the IESC should inquire at the GSES office regarding the procedures to be undertaken.

#### D-II 8. APPLICATION FEE

10,000 JPY\* \*PLEASE SEE G2

#### D-II 9. APPLICATION DEADLINES AND TIMETABLE

Contact to a prospective supervisor: Any time <u>before application</u>
Application deadline: February 1, 2024 17.00 (UTC+9)

Application fee payment: February 7 - 14, 2024
Interview period: March 5 - 8, 2024
Announcement of final results: March 25, 2024

Enrolment procedures: May 10 - June 28, 2024

#### **GENERAL INSTRUCTIONS**

#### G1. METHOD OF APPLICATION

Applications are accepted by post or via the online submission system. Applications are NOT accepted in person at the GSES Office.

In the case of post, documents must be sent directly to:

Student Affairs Section, Administration Office Graduate School of Energy Science, Kyoto University Yoshida-Honmachi, Sakyo-ku, Kyoto 606-8501, JAPAN

In the case of online application, the application can be reached through the website: (<a href="http://www.energy.kyoto-u.ac.jp/en/admission/admission-information/">http://www.energy.kyoto-u.ac.jp/en/admission/admission-information/</a>)
Instructions are available on the website.

#### G2. APPLICATION FEE

Applicants must complete full payment of the application fee during the designated payment period. The application fee is non-refundable.

<u>Please email a scanned certificate of payment from the completed application page in PDF/JPEG to the administration office (intl@energy.kyoto-u.ac.jp)</u> when the payment has been made.

Applicants will be contacted by email in regard with application fee payment after their application documents are received.

*Application fee amount:* 10,000 JPY

Payment instruction: Access the website below and follow the instructions for payment. <a href="https://www3.univ-jp.com/kyoto-u/en/">https://www3.univ-jp.com/kyoto-u/en/</a>

#### For Applicants Residing Outside Japan

Make a payment by credit card (VISA/ MasterCard/ JCB/ AMERICAN EXPRESS/Diners Club INTERNATIONAL).

It is acceptable to use a credit card which carries a name different from that of the applicant (e.g., applicant's parents).

#### For Applicants Residing in Japan

Make a payment at a designated convenience store, at a financial institution's ATM (Pay-easy), or online with one of the above credit cards or through designated internet banking. It is acceptable to use a credit card or a bank account which carries a name different from that of the applicant (e.g., applicant's parents).

#### G3. ENROLLMENT PROCEDURES, ADMISSION FEE AND TUITION

#### **ENROLLMENT PROCEDURES**

The "Guide to Enrollment" will be mailed to each successful applicant at the postal address specified on the application form. If the applicant wishes to change his/her contact address, notification must be made by e-mail or fax to the Student Affairs Section, Administration Office.

Those who accept the admission offer and intend to enroll in the course must make payment of the admission fee by the deadline specified in the enrollment guide and obtain a College Student Visa by the

commencement of the program. If a student nominates a third party as his/her agent to make a transaction for fee payment, please notify the office.

Those who are currently employed must resign or obtain leave from their current institution/ organization before enrolling in the International Energy Science Course. Similarly, those pursuing studies in other graduate schools must take leave or terminate their graduate study before joining the course.

#### Admission fee and Tuition

Admission fee\*: 282,000 IPY (subject to change on admission)

Tuition per annum\*: 535,800 JPY (267,900JPY per semester; subject to change during the course of

study)

\*MEXT scholarship recipients will have admission fee and tuition waived for the designated period of the scholarship.

#### G4. GENERAL NOTES

- a. Applicant should inform the Administration Office immediately if he/she wishes to withdraw their application.
- b. Changes cannot be made to submitted documents under any circumstances.
- c. Personal information such as name, gender, date of birth, contact address, etc. on the application documents is used only for purposes relevant to: (a) admission examinations; (b) admission procedures; and (c) preparations for acceptance of the student.
- d. In cases where the applicants are physically handicapped and desire special arrangements, please contact the Student Affairs Section, Graduate School of Energy Science, Kyoto University

#### G5. CONTACT

Student Affairs Section, Administration Office Graduate School of Energy Science, Kyoto University Yoshida-Honmachi, Sakyo-ku, Kyoto 606-8501 JAPAN

Email: intl@energy.kyoto-u.ac.jp

IESC website: http://www.energy.kyoto-u.ac.jp/en/admission/admission-information/

## APPENDIX I: IESC LABORATORY CODE AND KEYWORDS

Code	Laboratory name	Research keywords
Depar	tment of Socio-Environment	al Energy Science
S-1	Energy Social Engineering (Engineering for Social Systems)	Social Engineering, Recycle, Eco-Materials, Eco-Education, Effective Use of Energy and Resource
S-2	Energy Economics	Energy Systems Studies, Minerals-Energy Nexus, Policy Studies, Sustainability
S-3	Energy Ecosystems (Biomass Energy)	Bioenergy, Biochemicals, Pyrolysis, Gasification, Supercritical Fluid, Bioethanol, Biodiesel
S-4	Energy and Information (Human Machine Interface)	Human Machine Interface, Human-Machine System, Augmented Reality, Organizational Learning, Intellectual Productivity, Pro-environmental Behavior
S-5	Energy and Environment (Energy Environmental Impact)	Aerosol, Atmospheric Environment, Atmospheric Chemistry, Hazardous Atmospheric Pollutants, Environmental Dynamics, Environmental Impact Assessment
S-6	Energy Policy (KURNS)	Energy Policy, Nuclear Energy, Energy Security, Nuclear Security, Non-proliferation, Energy Best-Mix
S-7	Societal Energy Education (KURNS)	Materials Infomatics, Materials Science, Nucler Fuels, Thermoalectric Materials, Social Energy Education, Disaster Science, Hazard Evaluation, Earthquake Disaster Prevention Strategy
Depar	tment of Fundamental Energ	y Science
K-1	Energy Chemistry	Energy Chemistry, Electrochemistry, Fluorine Chemistry, Molten Salt, Ionic liquid, Na Secondary Battery, Li Secondary Battery
K-2	Quantum Energy Processes (Materials Chemistry and Physics)	Organic Molecular Materials, Photochemistry, Inorganic Semiconductors, Solid State Physics, Photophysics, Photovoltaics, Light-Emitting Devices, Chirality
К-3	Functional and Solid State Chemistry	Inorganic Material Chemistry, Crystal Chemistry, Electrochemistry, Solid State Chemistry, Electrochemical Materials, Bio-environment Compatible Material, Functional Material Chemistry
K-4	Plasma and Fusion Science	Magnetically Confined Fusion Plasma, Laser-Driven High Energy Density Plasma, Space Plasma, Nonlinear Physics, Large-Scale Simulation
K-5	Electromagnetic Energy	Fusion Energy, Data Analyses of Plasma Experiments, Measurements and Diagnostics, Theory and Numerical Simulation
К-6	Plasma Physics	Microwave Spherical Torus Experiment, Plasma Wave Physics, Equilibrium, Stability and Transport, Plasma Diagnostics
K-7	High-Temperature Plasma Physics (IAE)	Heliotron J, Control of High Temperature Plasma, Plasma Heating, Plasma Diagnostics, Boundary Plasma Physics and Elementary Processes, plasma turbulence, complex system, data analysis
K-8	Eneregy Optical Properties (IAE)	Nanoscience, Nanotechnology, Solid State Physics, Solar Cell, Quantum Electronics, Data Driven Science
К-9	Interfacial Energy Processes (IAE)	Electrochemistry, Molten Salts, Ionic Liquids, ${ m CO_2}$ Conversion, Silicon Solar Cell, Li Secondary Battery, Na Secondary Battery, Battery
K-10	Energy Nano Engineering (IAE)	Nano-science, Nano-materials, Solar Energy, Organic Photovoltaic Cells, Theoretical Biophysics, Statistical Mechanics of Liquids
K-11	Biofunctional Chemistry (IAE)	Nano-biotechnology, Protein Engineering, Chemical Biology, Synthetic Biology, Artificial photosynthesis, Bioenergy
K-12	Bioenergy (IAE)	Bioenergy, Biomass, Structural Biology, NMR, anti-HIV Enzyme, Prion Protein, Aptamer, Bioethanol
K-13	Fundamental Neutron Science (KURNS)	Nuclear Reactor Experiment and Analysis, Criticality Safety, Development of Radiation Detection System
	Heat Transport System (KURNS)	Energy Conversion, Thermal Hydraulics, Multiphase Flow, Neutron Radiography, Computatianal Fluid Dynamics, Reactor Physics, Nuclear Data
Depar	tment of Energy Conversion	
H-1	Thermal Energy Conversion	Thermal Engineering, Power Engineering, Internal Combustion Engine, Pollutant Emission Control, Alternative Fuels
H-2	Conversion Systems	Thermo-Fluid Science, Combustion Science and Engineering, Alternative Fuels, Laser Diagnostics and Image Analysis, Computational Fluid Dynamics
Н-3	Materials Design for Energy Systems	Nano-/micro-material, -Strength of Materials, Fatigue, Multiphysics, Metamaterial, Fracture Mechanics
H-4	Design for Functional Systems	Mechanics of Functional Materials, Nonlinear Continuum Mechanics, Elastoplasticity, Nondestructive Evaluation by Ultrasonics, Electromagnetic Methods, and Thermography
H-5	Advanced Energy Conversion (IAE)	Plasma Science and Technology, Fusion Technology, Fusion Energy Conversion , Fusion Application, Fusion Energy System Design, Social and Environmental Sustainability Evaluation
Н-6	Plasma Energy Conversion (IAE)	Plasma Physics, Fusion Science, Heating and Current Drive, Plasma Diagnostics, Microwave Technology, High power neutral beam technology
H-7	Functional Energy Conversion Materials (IAE)	Materials Science and Maintenance Technology for Energy Systems, Fusion Reactor Materials, Nuclear Materials, Computational Materials Science

Depar	tment of Energy Science and	Technology * IESC is available only for DOCTORAL programs
0-1	Devices Physics	Crystal Alignment Techniques, Energy Materials, Thin Film Growth, Superconducting wires
0-2	Process and Energy	Thin Film Growth, Solid-State Battery, Energy Materials and Device Processing, THz spectroscopy
0-3	Materials Process Science	Materials processing, Electrochemical processing, Functional materials, Thin films, Aluminum batteries
0-4	Thermochemistry	Thermochemistry, Reduction of CO <sub>2</sub> emission, Environmental-friendly Processes, Recycling Processes
0-5	Resources and Energy Systems	Energy-saving materials, Multi-scaling materials, Rock engineering
0-6	Advanced Processing of Resources and Energy	Plasticity, Forming Simulation, Advanced Processing of Eco-materials, Material Modeling
0-7	Mineral Processing	Thermal Fluid Engineering, Resources Circulation, Mineral Processing
0-8	Quantum Radiation Energy Science (IAE)	Mid-Infrared and THz Laser, Nuclear Safety/Security, Renewable Energy System/Policy/Implementation
0-9	The Physics of Energy Materials (IAE)	Nanomaterials, Quantum Materials, Materials Science, Energy Functional Materials, Solar Energy Utilization, Thermal/Optical Engineering
0-10	Photon Energy Science (IAE)	Laser Application, Nanomaterials, Thin Film, Laser Processing, Hydrogen Energy, Spectroscopy

IAE (Institute of Advanced Energy, Uji), KURNS(Kyoto University,Institute for Integrated Radiation and Nuclear Science)

## LABORATORIES LIST FOR INTERNATIONAL ENERGY SCIENCE COURSE

## **2024 INTAKE**

This table shows the availability of student positions for the Academic Year 2024, relevant academic background and potential fields of undergraduate study for applicants' reference. Please note that this is not an exhaustive list of research areas the faculty members cover and also that only laboratories recruiting students for AY2024 are shown on this table.

			ent	position availability			F	lequi Relev	ant l	oack	grou	nd <	>			
Department	Code	Research group name	Master's program (Oct) Student	Doctoral program (Apr/Oct) availabil	CIVIL/ENVIRONMENTAL ENGINEERING	MECHANICAL ENGINEERING	ELECTRICAL ENG. & ELECTRONICS	MATERIALS SCIENCE	EARTH RESOURCES	INDUSTRIAL CHEMISTRY	NUCLEAR ENGINEERING	MATHEMATICS & INFORMATION	FORESTRY	WOOD SCIENCE & TECHNOLOGY	BIO-ENVIRONMENTAL SCIENCE	NOTES BY RESEARCH GROUP  Remarks, other requirements and/or desirable knowledge etc.
	S-1	Energy Social Engineering (Engineering for Social Systems)	<b>√</b>	<u>√</u>	-	$\Diamond$	-	<b>♦</b>	•	$\Diamond$	-	-	1	-		Also accepting students who are interested in and able to analyze social issues - requiring proficiency in statistics.
0	S-2	Energy Economics	<b>\</b>	<b>\</b>	$\Diamond$	$\Diamond$	$\Diamond$	$\Diamond$	$\Diamond$	$\Diamond$	$\Diamond$	$\Diamond$	$\Diamond$	$\Diamond$	$\Diamond$	Energy-systems study; Analysis and design of energy supply-demand systems including human decision-makers.
gy Science	S-3	Energy Ecosystems (Biomass Energy)	<b>~</b>	<b>√</b>	$\Diamond$	-	-	$\Diamond$	-	$\Diamond$	-	-	$\Diamond$	$\Diamond$	$\Diamond$	Undergraduate students in any natural science be accepted, preferentially in biomass-related fields. We study bioenergy and biochemicals from various biomass materials.
Socio-Environmental Energy Science	S-4	Energy and Information (Human Machine Interface)	<b>√</b>	1	$\Diamond$	-	$\Diamond$	-	-	-	$\Diamond$	$\Diamond$	ı	-	1	<ul><li>◇ Cognitive psychology</li><li>◇ Informatics</li><li>◇ Statistics</li></ul>
nvironme	S-5	Energy and Environment (Energy Environmental Impact)	1	1	•		-	$\Diamond$	$\Diamond$	$\Diamond$	-	-	-	-	$\Diamond$	◆Environmental chemistry/physics
Socio-E	S-6	Energy Policy KURNS	1	1	-	-	-	-	$\Diamond$	-	$\Diamond$	$\Diamond$	-	-	1	Basic knowledge of energy policy and energy scenario study is preferred.
	S-7	Societal Energy Education KURNS	✓	1	$\Diamond$	$\Diamond$	$\Diamond$	<b>•</b>	$\Diamond$	-	$\Diamond$	$\Diamond$	-	-	-	
	the Dep	e research fields of natural scien partment of Socio-environmenta of Energy Science for detailed in	l Ener	gy Sc	ience	. Арр	lican	ts are	recor	nmer	ided t	o refe				
	K-1	Energy Chemistry	<	<b>√</b>	-	-	-	•	-	•	-	-	-	-	1	
Science	K-2	Quantum Energy Processes (Materials Chemistry and Physics)	1	1	-	-	$\Diamond$	•	-	$\Diamond$	-	-	-	-	-	
Energy 5	K-3	Functional and Solid State Chemistry	/	1	-	-	-	$\Diamond$	-	$\Diamond$	-	-	-	-	$\Diamond$	
Fundamental Energy Science	K-4	Plasma and Fusion Science	1	1	-	-	•	-	-	-	-	•	-	-	-	It is preferable that students understand the basics of mechanics, electromagnetics, and statistical physics.
Func	K-5	Electromagnetic Energy	1	1	-	-	<b>*</b>	-	-	-	-	<b>♦</b>	-	-	1	
	K-6	Plasma Physics	1	1	-	-	$\Diamond$	-	-	-	-	$\Diamond$	-	-	-	It is preferable that students understand the basics of mechanics, electromagnetism, and statistical physics.

IAE: Institute of Advanced Energy, Uji KURNS:Kyoto University,Institute for Integrated Radiation and Nuclear Science, Kumatori Laboratories are restricted in accepting students in the context of nuclear non-proliferation.

				ity				equi Relev								
			Tertiary level, not ex					_			ı					
Department	Code	Research group name			CIVIL/ENVIRONMENTAL ENGINEERING	ENGINEERING	NG. & ELECTRONICS	HENCE	RCES	HEMISTRY	INEERING	MATHEMATICS & INFORMATION		WOOD SCIENCE & TECHNOLOGY	MENTAL SCIENCE	NOTES BY RESEARCH GROUP  Remarks, other requirements and/or desirable knowledge etc.
			Master's program	Doctoral program	CIVIL/ENVIRON	MECHANICAL ENGINEERING	ELECTRICAL ENG.	MATERIALS SCIENCE	EARTH RESOURCES	INDUSTRIAL CHEMISTRY	NUCLEAR ENGINEERING	MATHEMATICS	FORESTRY	WOOD SCIENC	BIO-ENVIRONMENTAL	
	K-7	High-Temperature Plasma Physics IAE	1	1	-	$\Diamond$	$\Diamond$	-	-	-	$\Diamond$	$\Diamond$	-	-	-	Knowledge of basic physics is preferable.
	K-8	Eneregy Optical Properties IAE	<b>√</b>	1	1	-	$\Diamond$	$\Diamond$	1	$\Diamond$	1	$\Diamond$	-	-	-	Knowledge of quantum physics, electrical engineering and material science is preferable.
cience	K-9	Interfacial Energy Processes IAE	>	1	1	-	-	•	1	•	1	-	-	-	-	Knowledge of inorganic chemistry and electrochemistry is preferable.
Energy S	K-10	Energy Nano Engineering IAE	>	1	1	-	<b>*</b>	•	1	•	1	-	-	-	-	
Fundamental Energy Science	K-11	Biofunctional Chemistry           IAE	<b>√</b>	1	1	-	-	-	1	$\Diamond$	1	-	-	-	$\Diamond$	Knowledge of organic & inorganic chemistry and biochemistry is preferable.
Funda	K-12	Bioenergy	>	1	1	-	-	-	1	ı	1	-	-	$\Diamond$	-	◇Life Science ◇Biochemistry & Molecular Biology
	K-13	Fundamental Neutron Science KURNS	<b>√</b>	1	1	-	-	-	1	ı	<b>*</b>	-	-	-	-	Knowledge of reactor physics
	K-14	Heat Transport System KURNS	1	1	1	$\Diamond$	-	-	ı	-	$\Diamond$	-	-	-	-	
	H-1	Thermal Energy Conversion	1	1	1	•	-	-	ı	-	ı	$\Diamond$	-	-	-	
ce.	H-2	Conversion Systems	/	1	1	•	-	-	ı	ı	ı	$\Diamond$	-	-	-	Thermo-Fluid Dynamics, Combustion Engineering
n Scien	Н-3	Materials Design for Energy Systems	>	1	1	•	$\Diamond$	$\Diamond$	1	ı	1	$\Diamond$	-	-	-	Strength and Mechanics of Engineering Materials
onversic	H-4	Design for Functional Systems	>	1	1	•	$\Diamond$	$\Diamond$	1	ı	1	$\Diamond$	-	-	-	Nonlinear continuum mechanics
<b>Energy Conversion Science</b>	H-5	Advanced Energy Conversion IAE	1	1	-	-	$\Diamond$	<b>•</b>	-	$\Diamond$	$\Diamond$	-	-	-	-	
Ξ	Н-6	Plasma Energy Conversion IAE	1	1	-	-	<b>*</b>	-	-	-	$\Diamond$	$\Diamond$	-	-	-	
	H-7	Functional Energy Conversion Materials IAE	1	1	-	$\Diamond$	-	<b>*</b>	-	ı	$\Diamond$	$\Diamond$	-	_	-	Mechanics and Thermodynamics of Nuclear Materials

IAE: Institute of Advanced Energy, Uji KURNS:Kyoto University,Institute for Integrated Radiation and Nuclear Science, Kumatori Laboratories are restricted in accepting students in the context of nuclear non-proliferation.

			position availability			R	equi telev	ant l	oack	grou	nd <	>				
nt			Student position availabil		EERING		NICS					Z		GY	Ш	NOTES BY RESEARCH GROUP
Department	Code	Research group name	Master's program	Doctoral program	CIVIL/ENVIRONMENTAL ENGINEERING	MECHANICAL ENGINEERING	ELECTRICAL ENG. & ELECTRONICS	MATERIALS SCIENCE	EARTH RESOURCES	INDUSTRIAL CHEMISTRY	NUCLEAR ENGINEERING	MATHEMATICS & INFORMATION	FORESTRY	WOOD SCIENCE & TECHNOLOGY	BIO-ENVIRONMENTAL SCIENCE	Remarks, other requirements and/or desirable knowledge etc.
	0-1	Devices Physics		1	-	-	•	<b>*</b>	-	$\Diamond$	-	-	-	-	-	Basic knowledge of solid state physics, inorganic chemistry, and crystal engineering is preferable.
	0-2	Process and Energy		1	-	•	•	$\Diamond$	-	-	-	-	-	_	-	
	0-3	Materials Process Science		<b>√</b>	ı	-	$\Diamond$	<b>*</b>	-	$\Diamond$	-	-	-	-	-	
nology	0-4	Thermochemistry		1	-	-	-	•	-	$\Diamond$	-	-	-	-	-	
and Tech	0-5	Resources and Energy Systems		1	-	-	-	<b>*</b>	$\Diamond$	-	-	-	-	-	-	
Energy Science and Technology	0-6	Advanced Processing of Resources and Energy		<b>\</b>	1	•	-	•	-	1	-	-	-	-	-	
Energy	0-7	Mineral Processing		<	1	$\Diamond$	-	$\Diamond$	•	$\Diamond$	-	-	-	-	-	
	0-8	Quantum Radiation Energy Science IAE		<b>&gt;</b>	$\Diamond$	$\Diamond$	$\Diamond$	$\Diamond$	-	$\Diamond$	$\Diamond$	$\Diamond$	-	-	$\Diamond$	Accepting students who have interests in Renewable Energy Implementation
	0-9	The Physics of Energy Materials IAE		>	1	$\Diamond$	$\Diamond$	<b>•</b>	$\Diamond$	$\Diamond$	-	_	-	-	-	Basic knowledge of solid state physics is preferable.
	0-10	Photon Energy Science IAE		1	-	$\Diamond$	$\Diamond$	•	-	<b>*</b>	$\Diamond$	-	-	-	-	Basic knowledge of quantum mechanics or optics is preferred but not necessarily required.

## International Energy Science Course

#### **MASTERS** APPLICATION DOCUMENTS CHECKLIST

For documents marked with an asterisk (\*), please use the designated forms (downloadable from the IESC website ( www.energy.kyoto-u.ac.jp/en/admission/admission-documentation/) and print in ISO "A4" size.

<b>/</b>	#	List of documents								
	1	Form A: Application*								
	2	Form B: Personal history*								
	3	Form C: Reference (2)* - sealed and signed								
	4	Graduation certificate (or expected graduation certificate)								
	5	All higher education academic transcripts, complete or latest (Bachelor's equivalent)								
	6	Summary of the graduation thesis/ undergraduate project								
	7	Statement of purpose (ISO "A4" /letter size)								
	8a	I have arranged direct delivery of the official score report of TOEFL or IELTS from the ETS or British Council.   TOEFL iBT  TOEFL PBT  IELTS								
	8b	I come from the US, UK, Australia or New Zealand and my first and native language is English.								
	9	Photocopy of passport								
	10	《Residents of Japan only》Certificate of Residence 'Juminhyo' or photocopy of resident card								
	11	Signed disclaimer*								

Mail to:

Student Affairs Section, Administration Office The Graduate School of Energy Science Kyoto University Yoshida Honmachi, Sakyo-ku, Kyoto 606-8501, Japan Phone: +8175 753 5576

# International Energy Science Course Application for MASTERS PROGRAM

Graduate School of Energy Science, Kyoto University

Please type or print in blue or black ink. All sections must be filled out.

			SSION	Octo	ber 20	ır			
3	NAME fa	mily name		first na	me		mide	lle name	
	DATE OF BIRTI	H month	day	year	age	4.	male	female	Photo (4cm×3cm)
5.	NATIONALITY	/CITIZENSHI	P						
6.	COUNTRY OF I	BIRTH			COI	U <b>NTRY</b>	OF RESI	DENCE	
7.	HIGHER EDUC	ATION QUAI	LIFICATI	ON - BA	CHELC	DRS/UN	DERGRA	DUATE	
	University:							Country	<i>r</i> :
	Department/ Program title: Degree title:								
	Graduation:	Gradua	ated in				Wil	ll graduate in	
8.	PRESENT STAT	US IN DETAI	L Please a	month lescribe y	year Your curre	nt emplo	oyment, edu	cation or releve	month year ant personal situation
	CONTACT INFO								
	Please include a fu E-mail address: Full postal address Address in Chinese	ll postal addres. :	s and activ	e email fo	or contact	through	application	ı and selection	period.
	Please include a fu E-mail address: Full postal address	ll postal addres. :		e email fa	or contact		application		period.
	Please include a fu E-mail address: Full postal address Address in Chinese characters if applicable:	country code	lo		or contact				period.
10.	Please include a fu E-mail address: Full postal address Address in Chinese characters if applicable: Telephone: LABORATORIE Please choose three	country code  CS OF INTERI  e laboratories o	lo E <b>ST</b> of interest to	cal number	n the IES0	Fa C labora	x number (i	f any): I state the code	s* (S-00/K-00/H-00)
10.	Please include a fu E-mail address: Full postal address Address in Chinese characters if applicable: Telephone:	country code  CS OF INTERI  e laboratories o	lo E <b>ST</b> of interest to	cal number	n the IES0	Fa C labora	x number (i	f any): l state the code ke"cf xkuqt"cpf	s* (S-00/K-00/H-00)

signature

date

doctoral

Remarks

Remarks

Date of birth (YYYY/MM/DD) Employment Period (YYYY/MM) master's years years years years years years years years years Number of academic years From From To To Date of entrance and completion (YYYY/MM) From To From From From From From From To To To From To To  $T_0$ To **EDUCATIONAL AND VOCATIONAL BACKGROUND** years years years years years Officially resuired years for graduation years years years years Name in Latin alphabet Postal address Total number of years of education country country country country country country country country Name and address of institution Job Title Tertiary / Higher Education Name in the applicant's own language city/province Location city/province Location city/province city/province Location city/province Location city/province Location city/province Location city/province Secondary Education Name of Organization / Institution **EMPLOYMENT (if applicable)** Location Location Name Name Name II. Senior High School (Upper Name Name Name Name Name Junior High School (Lower Elementary School Education Secondary) Education Secondary) Education Undergraduate Level **EDUCATION** Postgraduate Level **FORM B** II. University University

Major / Course | Degree title

months

years

months

years



#### **RECOMMENDATION FORM**

# Graduate School of Energy Science Kyoto University

Student Affairs Section GSES Administration Office Sakyo-ku, Kyoto 606-8501, Japan Tel/fax: +81-75-753-5576/4745 E-mail: intl@energy.kyoto-u.ac.jp

#### **SECTION I**

#### TO BE COMPLETED BY THE APPLICANT

Application for admission requires TWO recommendations from persons well acquainted with your academic ability and" personality. Please fill in this section and give it to the person who will be recommending you.

Degr	ee program:	International Energy Science Course	Master's	Doctoral
	e of applicant:	Family name Fire	st name	Middle name
E-ma	ail address:			
SEC	TION II			_
Fan		MPLETED BY THE REFEREE  tion, please return this form to the applicant i  e applicant	n a sealed envelope	e, signed across the envelope seal.
1.	What is your re	lationship with the applicant?   Tu	tor/Supervisor	Other
2.	How long have	you known the applicant?	years	months
3.	How often have			
4.	What was the n	ature of your interactions with the appl	icant?	
5.	=	a description of the applicant's qualifi	=	

Continues next page

#### **FORM C**

Please comment on the app are important and relevant t	-			any other ren	narks that you	may feel
oraisal						
Please make an appraisal o	of the applicant	's abilities/quali	ities in compari	son with other s	tudents in the so	ame field w
you have known or taught.		ı		1		
	Outstanding (Top 5%)	Excellent (Top10%)	Good (Top Third)	Fair (Middle Third)	Poor (Bottom Third)	Unable t
Intellectual Ability	(10h 2%)	(10p10%)		(wildale Friird)	(BOLLOTT I NITA)	judge
-						
Analytical Ability						
Ability in Oral Expression*						
Ability in Written Expression*						
Ability to Work with Others						
Persistence/ Drive						
Originality/ Creativity			Ш	cants will be requi	Ш	
rerall Recommendation  Strongly recommended Recommended with Not recommended	th reservation	ns				
feree Details	•					
Name:						
Position/Title:					_	
Institution:					_	
Institution Address:					_	
Telephone Number:					_	
Facsimile Number:					_	
E-Mail Address:					_	
Date		<del></del>		Signature		

## International Energy Science Course

Application for Master's/doctoral Program

Graduate School of Energy Science, Kyoto University

## **DISCLAIMER**

Application for admission to the IESC requires that the applicant abides by the following:
The applicant shall complete the admissions forms, and obtain the required documentation themselves.
Kyoto University does not support the use of third party agents for the completion of any admissions procedures.
Furthermore, in accordance with international academic standards, plagiarism or falsification of any of the required documents is unacceptable.
It is accepted that the applicant may seek the advice and wisdom of others, but that they must complete the application and all associated correspondence on their own.
Applicant's declaration:
I hereby declare that the
application enclosed is a true record and is the product of my own work, not that of others.

Signature:

Date: \_\_\_\_\_

## International Energy Science $C_{ourse}$

#### **DOCTORAL APPLICATION DOCUMENTS CHECKLIST**

For documents marked with an asterisk (\*), please use the designated forms (downloadable from the IESC website ( www.energy.kyoto-u.ac.jp/en/admission/admission-documentation/ ) and print in ISO "A4" size.

<b>/</b>	#	List of documents					
	1	Form A: Application*					
	2	Form B: Personal history*					
	3	Form C: References(2)* - sealed and signed					
	4	Official certificates of the bachelor's and Master's degree(or expected graduation)					
	5	All higher education academic transcripts, complete or latest (Bachelor's & Master's equivalent)					
	6	Summary of Master's thesis (ISO "A4" /letter size)					
	7	Research proposal (ISO "A4" /letter size)					
	8a	I have arranged direct delivery of the official score report of TOEFL or IELTS from the ETS or British Council.   TOEFL iBT  TOEFL PBT  IELTS					
	8b	I come from the US, UK, Australia or New Zealand and my first and native language is English.					
	9	Photocopy of passport					
	10	《Residents of Japan only》Certificate of Residence 'Juminhyo' or photocopy of resident card					
	11	Signed disclaimer*					

Mail to:

Student Affairs Section, Administration Office The Graduate School of Energy Science Kyoto University Yoshida Honmachi, Sakyo-ku, Kyoto 606-8501, Japan

Phone: +8175 753 5576

FORM A - DOCTORAL

## International Energy Science Course Application for DOCTORAL PROGRAM

Graduate School of Energy Science, Kyoto University

Please type or print in blue or black ink. All sections must be filled out.

1.	INTENDED DAT	E OF ADMISSIO	ON	October	20 year	April	20 year	
2.	NAME	family nama		first name		middle nar	ma.	
		family name		nrst name		middle nar	ne	Photo
3.	DATE OF BIRTH		day	year ag	<b>4.</b>	male	female	(4cm×3cm)
5.	NATIONALITY/O	CITIZENSHIP						
6.	COUNTRY OF B	IRTH		C	OUNTR	Y OF RESIDE	ENCE	
7.	HIGHER EDUCA	TION QUALIF	ICATION	I - BACH	ELORS/	UNDERGRAI	DUATE DE	CGREE
	University:						Country	<i>I</i> :
	Department/ Program title:						2 2 33-12	
	Degree title:				'"I	tcf wcwlqp<'Grad	duated in	month ""year
	HIGHER EDUCA	TION QUALIF	ICATION	II - MAST	TERS/PC	OSTGRADUA	ΓE DEGRE	EE
	University:						Country	<i>y</i> :
	Department/						,	
	Program title: Degree title:							
	Graduation:	Graduated in	month	"year	7	Will graduate in	l 'month	""year
9.	CONTACT INFO	RMATION						
•	Please include a full	= '	d active em	ail for cont	act throus	gh application a	nd selection	period.
	E-mail address:	1		J		, 11		1
	Full postal address: In Chinese characters only if applicable:							
	Telephone:				I	Fax number (if a	ny):	
		country code	local nur	mber			• ,	
10.	PROSPECTIVE A	ACADEMIC SUI	PERVISO	R*				
	*Candidate MUST a	liscuss their resear	ch title with	h the prospe	ective sup	ervisor prior to	application	
	Name:					Last contact	date:	
CA	NDIDATE DECLA	RATION						
		erstand that if I ha						ents is complete and ty will not admit me
		date		-		signature		

doctoral

Remarks

Remarks

Date of birth (YYYY/MM/DD) Employment Period (YYYY/MM) master's years years years years years years years years years Number of academic years From From To To Date of entrance and completion (YYYY/MM) From To From From From From From From To To To From To To  $T_0$ To **EDUCATIONAL AND VOCATIONAL BACKGROUND** years years years years years Officially resuired years for graduation years years years years Name in Latin alphabet Postal address Total number of years of education country country country country country country country country Name and address of institution Job Title Tertiary / Higher Education Name in the applicant's own language city/province Location city/province Location city/province city/province Location city/province Location city/province Location city/province Location city/province Secondary Education Name of Organization / Institution **EMPLOYMENT (if applicable)** Location Location Name Name Name II. Senior High School (Upper Name Name Name Name Name Junior High School (Lower Elementary School Education Secondary) Education Secondary) Education Undergraduate Level **EDUCATION** Postgraduate Level **FORM B** II. University University

Major / Course | Degree title

months

years

months

years



#### **RECOMMENDATION FORM**

# Graduate School of Energy Science Kyoto University

Student Affairs Section GSES Administration Office Sakyo-ku, Kyoto 606-8501, Japan Tel/fax: +81-75-753-5576/4745 E-mail: intl@energy.kyoto-u.ac.jp

#### **SECTION I**

#### TO BE COMPLETED BY THE APPLICANT

Application for admission requires TWO recommendations from persons well acquainted with your academic ability and" personality. Please fill in this section and give it to the person who will be recommending you.

Degr	ee program:	International Energy Science Course	Master's	Doctoral
	e of applicant:	Family name Fire	st name	Middle name
E-ma	ail address:			
SEC	TION II			_
Fan		MPLETED BY THE REFEREE  tion, please return this form to the applicant i  e applicant	n a sealed envelope	e, signed across the envelope seal.
1.	What is your re	lationship with the applicant?   Tu	tor/Supervisor	Other
2.	How long have	you known the applicant?	years	months
3.	_	e you met the applicant?    Weekly   Monthly   Head   Head	Rarely	
4.	What was the n	ature of your interactions with the appl	icant?	
5.	=	a description of the applicant's qualifi	=	

Continues next page

#### **FORM C**

Please comment on the app are important and relevant t	-			any other ren	narks that you	may feel
oraisal						
Please make an appraisal o	of the applicant	's abilities/quali	ities in compari	son with other s	tudents in the so	ame field w
you have known or taught.		ı		1		
	Outstanding (Top 5%)	Excellent (Top10%)	Good (Top Third)	Fair (Middle Third)	Poor (Bottom Third)	Unable t
Intellectual Ability	(10h 2%)	(10p10%)		(wildale Friird)	(BOLLOTT I NITA)	judge
-						
Analytical Ability						
Ability in Oral Expression*						
Ability in Written Expression*						
Ability to Work with Others						
Persistence/ Drive						
Originality/ Creativity			Ш	cants will be requi		
rerall Recommendation  Strongly recommended  Recommended with Not recommended	th reservation	ns				
feree Details	•					
Name:						
Position/Title:					_	
Institution:					_	
Institution Address:					_	
Telephone Number:					_	
Facsimile Number:					_	
E-Mail Address:					_	
Date		<del></del>		Signature		

## International Energy Science Course

Application for Master's/doctoral Program

Graduate School of Energy Science, Kyoto University

## **DISCLAIMER**

Application for admission to the IESC requires that the applicant abides by the following:
The applicant shall complete the admissions forms, and obtain the required documentation themselves.
Kyoto University does not support the use of third party agents for the completion of any admissions procedures.
Furthermore, in accordance with international academic standards, plagiarism or falsification of any of the required documents is unacceptable.
It is accepted that the applicant may seek the advice and wisdom of others, but that they must complete the application and all associated correspondence on their own.
Applicant's declaration:
I hereby declare that the
application enclosed is a true record and is the product of my own work, not that of others.

Signature:

Date: \_\_\_\_\_