

Ibaraki University

茨城大学

Graduate School of Agriculture

大学院農学研究科

(Master's Program)

修士課程

Application Guidelines for Academic Year 2017

平成 29 年度学生募集要項

(October Admissions)

10月入学

Special Selection for International Applicants

外国人留学生特別入試

(Course in Applied Asian Agriculture)

アジア展開農学コース

Double Degree Program

ダブルディグリープログラム

June 2017

Graduate School of Agriculture, Ibaraki University
3-21-1 Chuo, Ami, Inashiki, Ibaraki 300-0393, Japan

**Academic year 2017 application guidelines for Graduate School of
Agriculture (Master's Program), Ibaraki University
Special selection for international applicants (for October admissions)**

平成 29 年度茨城大学大学院農学研究科（修士課程）外国人留学生特別入試（10 月入学）学生募集要項

The graduate course (Course in Applied Asian Agriculture) is designed for those who wish to receive a graduate education in English.

This course consists of two separate programs; one is for students who wish to obtain a master's degree from Ibaraki University, and the other for students who wish to obtain two master's degrees: one from Ibaraki University and the other from their home university. The education program for obtaining two degrees, referred to as the Double Degree Program (DDP), is based on the memorandum of agreement (MOA) concluded between the Graduate School of Agriculture, Ibaraki University, and the graduate schools of foreign universities (Bogor Agricultural University, Gadjah Mada University, and Udayana University in the Republic of Indonesia). Thus, DDP applicants must be admitted for graduate study at any of the above three Indonesian universities before applying for the course offered by Ibaraki University.

本大学院コース（アジア展開農学コース）は大学院教育を英語で受けることを希望する者のために設定されている。

このコースは 2 つのプログラムからなり、1 つは茨城大学から修士の学位を取得することを希望する学生用、もう一つは茨城大学および自国の大学の双方から 2 つの修士の学位を取得することを希望する学生用である。2 つの修士の学位を取得するための教育プログラムはダブルディグリープログラム（DDP）と呼ばれ、茨城大学大学院農学研究科と外国の大学院研究科（インドネシア共和国のボゴール農科大学、ガジャマダ大学、およびウダヤナ大学）との覚書に基づく。従って、DDP への申請者は、予めこれら 3 つのインドネシアの大学の大学院への入学が許されている必要がある。

Contents of these guideline この要項の目次

Guidelines for applicants who wish to obtain two master's degrees: one from Ibaraki University and the other from their home university (Bogor Agricultural University, Gadjah Mada University, or Udayana University).

学生募集要項（ダブルディグリー教育プログラムを受け、茨城大学および自国の大学、すなわちボゴール農科大学、ガジャマダ大学あるいはウダヤナ大学のいずれかから2つの修士の学位取得を希望する者はこの要項に従う）

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Attached documents 添付書類

The following documents are attached to these guidelines.

この要項には、次の書類が添付されています。

1. Application form for the Graduate School of Agriculture (special selection for international applicants) 農学研究科志願者名票〔外国人留学生特別選抜〕
2. Examination admission card/photo card (special selection for international applicants) 受験票・写真票〔外国人留学生特別選抜〕
3. Reasons for application (special selection for international applicants) 志願理由書〔外国人留学生特別選抜〕

1. Majors and admissions 専攻及び募集人員

Major 専攻	Course コース	Admissions 募集人員
Agricultural Science 農学専攻	Applied Asian Agriculture アジア展開農学コース	A small number of students to be admitted 若干名

2. Application requirements 出願資格

Applicants must satisfy requirements (1) to (3) below.

申請者は以下の(1)-(4)の要件を満たすこと。

- (1) Applicants must not hold Japanese nationality. 日本の国籍を有しない者
- (2) Applicants must have the status of residence of “College Student” stipulated in the Immigration Control and Refugee Recognition Act, or expect to change their present status to “College Student” after admission to the Graduate School of Agriculture.

出入国管理及び難民認定法における「留学」の在留資格を有する者又は大学院入学後に在留資格を「留学」に変更できる者

- (3) Applicants must have already been admitted for graduate study from their home university: Bogor Agricultural University, Gadjah Mada University, or Udayana University.

ボゴール農科大学、ガジャマダ大学あるいはウダヤナ大学のいずれかにおいて、既に大学院への進学が認められている者。

Please refer to our web page (<http://ddp.agr.ibaraki.ac.jp/english/dd/applydd.html>) for the double degree program for further detailed application requirements and processes.

より詳細な出願条件と課程に関する情報を記載した私たちのダブルディグリープログラムに関するウェブ・ページを参照してください。

3. Selection procedure 選抜方法

The selection is based on the academic achievement test (by means of an interview conducted in English). Admission will be determined according to the overall evaluation of the reasons for application, the official transcript from the last school attended, and other documents submitted. The interview will be performed through an internet connection between Ibaraki University and the applicants' home university.

選抜は学力検査（英語を用いた面接により行う）により行い、志願理由書、最終学校学業成績証明書及びその他の提出書類の内容を総合して判定する。面接は茨城大学と自国の大学との間をインターネット回線をつないで行う。

4. Date of examination 試験日時

Date 月日	Home university 相手大学	Time (Japan time=UTC+9) 時間 (日本時間=UTC+9)
August 22 (Tue.), 2017 8月22日(火)	Udayana University ウダヤナ大学	10:00 - 11:00
	Gadjah Mada University ガジャマダ大学	11:00 - 12:00
	Bogor Agriculture University ボゴール農科大学	12:00 - 13:00

(Note) If the examination cannot be conducted on the specified date due to unavoidable circumstances, the date of examination may be changed after consultation between the Entrance Examination Committee of the Graduate School of Agriculture, Ibaraki University, and those responsible for the examination from the Indonesian universities above.

(注) 試験がやむを得ない事情によって実施できない場合は、茨城大学大学院農学研究科入試実施委員会とインドネシアの大学院側の試験対応担当者との協議によって、実施日を変更できるものとする。

5. Application procedure 出願手続

(1) Applicants must contact the supervisor in the research field which wish to pursue (For the choice of research fields, please refer to pages 7-9, or our web page for the double degree program).

※<http://ddp.agr.ibaraki.ac.jp/en/ddp.html>

出願者は志願したい専門分野の指導教員と連絡を取らなければならない(教育研究分野を選択するために7-9ページか、または私たちのダブルディグリープログラムに関するウェブ・ページを見ること)。

(2) Documents to be submitted 出願書類等

Applicants are requested to submit documents (1) to (6) listed on the next page in an envelope (332 mm x 240 mm) marked "Graduate School Application Enclosed" in red. These documents must be sent by registered mail if postal service is used.

出願者は朱書きで「大学院入学願書在中」と記した封筒(角2号)に次ページ(5ページ)記載の(1)~(6)の書類を同封し提出すること。郵送の場合は必ず書留とすること。

(Application mailing address)

Entrance Examination Office, Graduate School of Agriculture, Ibaraki University

3-21-1 Chuo, Ami, Inashiki, Ibaraki 300-0393, Japan

(提出先) 〒300-0393 茨城県稲敷郡阿見町中央3-21-1
茨城大学大学院農学研究科入試係

Documents to be submitted 出願書類等	Remarks 摘要
(1) Application form 志願者名票	Form prescribed by the Graduate School of Agriculture. 本研究科所定の用紙。
(2) Examination admission card/photo card 受験票・写真票	Form prescribed by the Graduate School of Agriculture. The photo should show the front of the applicant's upper body and must be taken within the past three months (4 cm x 3 cm). With a Clear image of the face. 本研究科所定の用紙。写真は、上半身正面で出願前 3 ヶ月以内に撮影したもの (4 cm×3 cm) 顔が鮮明に写っていること。
(3) Reasons for application 志願理由書	Form prescribed by the Graduate School of Agriculture. 本研究科所定の用紙。
(4) Transcript 成績証明書	Transcript from the last school attended (It must contain a statement about evaluation criteria and must be officially sealed.). The transcript must be submitted within three months of issuance (※). Legal copies (authorized with official stamp and signature) of transcript are acceptable. 最終学校の学業成績証明書 (評価基準の記載があるもので厳封したもの)。成績証明書は発行から 3 ヶ月以内のものに限る (※)。成績証明書の法的コピー (公印とサインで許可された) は可。
(5) Certificate of graduation or completion (or that of expected graduation or completion) 卒業 (修了証明書)	Certificate of graduation or completion (or that of expected graduation or completion) from the last school attended. The certificate must be submitted within three months of issuance (※). Legal copies (authorized with official stamp and signature) of certificate are acceptable. 最終学校の卒業 (修了) 証明書もしくは、卒業 (修了) 見込証明書。卒業証明書は発行から 3 ヶ月以内のものに限る (※)。卒業 (修了) 証明書もしくは、卒業 (修了) 見込証明書の法的コピー (公印とサインで許可された) は可。
(6) Letters of recommendation (from home university) and agreement (from Ibaraki University) 大学が発行する承諾書と茨城大学側指導教員の合意書	Form prescribed by the Graduate School of Agriculture. Letter of recommendation: ask your supervisor in your home university to obtain a signature of senior official of the Graduate School with an official institutional stamp; Letter of agreement: ask your supervisor in Ibaraki University to sign the letter and to submit to the academic affairs with your application documents. 本研究科所定の用紙。承諾書は、インドネシア側指導教員により、大学院責任者のサインと公印を得ること。合意書は茨城大学側指導教員により発行し、他の出願書類とともに学務係へ提出すること。

(※) The date of issue appears on the document (within three months from the date of issue). 発行日付が記載されていること (発行日より 3 ヶ月以内のもの)

(3) Application period 出願期間

Home university 相手大学	Application period
Bogor Agriculture University ボゴール農科大学	By August 9 (Wed.), 2017 8月9日 (水) まで
Gadjah Mada University ガジャマダ大学	By August 9 (Wed.), 2017 8月9日 (水) まで
Udayana University ウダヤナ大学	By August 9 (Wed.), 2017 8月9日 (水) まで

6. Notification of admission 合格発表

The result of the examination will be sent to applicants by post on September 8 (Fri.), 2017. Phone calls and other inquiries about result will not be answered.

試験結果は平成29年9月8日（金）に郵送により通知する。電話等による照会には一切応じない。

7. Other information その他

For any inquires, contact the Entrance Examination Office listed below. For inquiries about the education and research of the major and the field that the applicant wishes to pursue, contact a relevant person and confirm the details before applying.

不明な点は下記に問い合わせること。なお、希望する専攻、分野の教育研究内容等についてはあらかじめ問い合わせをし確認しておくこと。

<Contact information> 問い合わせ先

Entrance Examination Office, Graduate School of Agriculture, Ibaraki University

3-21-1 Chuo, Ami, Inashiki, Ibaraki 300-0393, Japan

〒300-0393 茨城県稲敷郡阿見町中央 3-21-1 茨城大学大学院農学研究科入試係

Tel: +81-29-888-8519, e-mail: takahide.noguchi.gus3@vc.ibaraki.ac.jp

● Handling of personal information 個人情報の取り扱いについて

In accordance with the Law Concerning Access to Personal Information Held by Independent Administrative Institutions (Personal Information Protection Law), Ibaraki University handles personal information provided by applicants through documents, such as application forms, only for the selection of applicants purpose and neither uses nor provides it for other purposes.

独立行政法人等の保有する個人情報の保護に関する法律（個人情報保護法）に則り、出願書類等により志願者から提出された個人情報については、入学者選抜に係る用途にのみ使用し、他の目的に利用、または提供することはありません。

Supervisor with outline of research (1 / 3)

Major	Name	Speciality	Research subject
Major instructor Agricultural Science	Aoyagi Yosuke	Animal nutrition and physiology	Studies on the regulation of oxidative stress in animals.
	Asagi Naomi	Crop science	Development of crop cultivation system with sustainability. Analysis of N and C dynamics in plant and soil systems.
	Asayama Munchiko	Molecular life science	Algal molecular biology and biotechnology
	Anzai Hiroyuki	Genetic engineering	◇ Study on production of useful proteins in transgenic plant. Study on plant epigenome editing via grafting.
	Itami Kazuhiro	Agricultural economics	Agricultural and environmental history.
	Inoue Eiichi	Horticultural science	Physiological and genetical studies on quality control of horticultural products.
	Uetsuka Koji	Animal health and hygiene	Epidemiological study on Clostridium perfringens in the guts of resident birds.
	Uchida Susumu	Environmental economics	Studies on environmental impact from agricultural sector.
	Ohkubo Takeshi	Animal genetics	Research on Signal transduction via cytokine receptors. Functional analysis of appetite and metabolism associated genes in livestock.
	Okayama Tsuyoshi	Agricultural machinery	Monitoring animal behavior and plant growth with a depth camera.
	Ogawa Yasuki	Animal products science	Studies on cytokine production and lipid metabolism in animals.
	Kanazawa Takuya	Animal cell engineering	Molecular and cell biological analyses of determination and differentiation of mammary gland cells. Molecular mechanism of growth and differentiation of testicular cells.
	Kitashima Yasuki	Applied entomology and zoology	Ecology and control of spider mites and insects.
	Kinoshita Tsuguki	Geoinformatics	Analyzing of LU/LUC by geographical information system.
	Kuboyama Tsutomu	Plant breeding and genetics	Genetic studies of reproductive barriers, outcrossing traits and flower traits in plants and their application.
	Kurusu Yasurou	Molecular microbiology	Molecular analysis of bacterial plasmid for stable partitioning system.
	Kuroda Hisao	Water quality and hydrology	Study on the nitrogen pollution and the nitrogen purification. Study on the water environment in rural areas.
	Kouzuma Yoshiaki	Food functionality and Applied biochemistry	Screening, analysis of structures and functions, and utilization of bioactive proteins (protease inhibitors, lectins, or enzymes) in food materials.
	Kojima Toshio	Biological chemistry	Molecular response to environmental stress in soybean: improving plant tolerance through genetic regulation.
	Gotoh Tetsuo	Applied zoology	Systematics and phylogeny in Tetranychidae.
Kohari Daisuke	Applied animal behaviour science	* Study of animal behaviour related with animal welfare of farm and zoo animals.	
Kobayashi Hisashi	Rural planning	Regional Resources and environmental management in rural areas. Small hydropower development and rural power-grid planning.	
Komatsuzaki Masakazu	Farming system reserch	* Sustainable farming system and organic farming research. Farm work research for gardening & horticulture therapy.	
Sato Tatsuo	Protected production technology	* Mechanism and application of heat shock induced resistance in crops. Reducing environmental burden by means of organic fertilizer and realtime growth management in greenhouse cultivation.	

* The supervisor instruct in Field Science Center.

◇ The supervisor instruct in Gene Research Center.

△ The supervisor will retire at Mandatory Age on March 31, 2019. If applicants who choose the supervisor, contact supervisor and confirm details of research instruction.

☆ Applicants cannot apply to this supervisor.

Supervisor with outline of research (2 / 3)

Major	Name	Speciality	Research subject
Major in Agricultural Science	Shiraiwa Masakazu	Food biochemistry	Studies on bioactive constituents in plant foodstuffs.
	Suzuki Hodaka	Food microbiology and toxicology	Studies on marine biotoxins Studies on food-borne pathogens
	Suzuki Yoshihito	Chemical ecology	Study on chemical interaction between plants and other organisms. Study on plant growth regulators. Study on functional compounds in plants.
	Tazuke Akio	Plant physiology	Study of genes involved in sugar starvation in vegetables.
	Tanabata Sayuri	Production technology of field crops *	Nodulation and nitrogen fixation activity in legume. Recycling-oriented agriculture system in local area.
	Chohnan Shigeru	Food Biochemistry	Studies on the intracellular metabolisms of coenzyme A.
	Toshima Hiroaki	Bioorganic chemistry	Synthetic study of biologically active compounds.
	Toyoda Atsushi	Animal biochemistry	Studies on the mechanisms involving resilience and susceptible to psychosocial stress in animals.
	Nakaishi Katsuya		☆
	Nakagawa Mitsuhiro	Agricultural economics	Rural development strategy of developing and developed countries.
	Nagasawa Jun	Food informatics	Study of food system simulation.
	Nakajima Hiromi	Animal anatomy and physiology	Study on insertion of hard tissue (bone) and the soft tissue (ligament, tendon). Research about an infectious disease and tumor of the domestic animal, poultry.
	Nakajima Masami	Plant pathology	Studies on virulence mechanisms of plant pathogenic fungi. Research on biological control of plant diseases. Studies on induced resistance for plant disease control.
	Nakahira Yoichi	Plant molecular biology	Production of high-value proteins and metabolites using plastid genetic engineering.
	Nakamura Akihiro	Food Preservation	Study on physical functionality of polysaccharide for food application
	Narisawa kazuhiko	Microbial ecology	Explain the role of root endophytic fungi in situ.
	Nishikawa Kunio	Agricultural policy	Study of Agricultural Policy and Farm Management Based on Field Surveys.
	Nishizawa Tomoyasu	Environmental biogeochemistry	Molecular genomic ecological analysis of environmental soil and rhizosphere microorganisms.
	Nishihara Hirofumi	Applied microbiology	Study for application of autotrophic metabolism of hydrogen-oxidizing bacteria.
	Nishiwaki Junko	Environmental soil physics	Transport and fate of Environmental Impact Chemicals in Soils.
Nitta Youji	Crop science	Morphological and ecological analysis on ripening process and quality of cereal crops. Morphological analysis on root system formation of crops. Development of cultural management and analysis of biomass productivity of bio-fuel crops.	
Hasegawa Morifumi	Natural product chemistry	Bioorganic chemistry of disease resistance substances in rice plants.	
Fukuyo Narufumi	Regional planning	Rural Planning and Development.	

* The supervisor instruct in Field Science Center.

◇ The supervisor instruct in Gene Research Center.

△ The supervisor will retire at Mandatory Age on March 31, 2019. If applicants who choose the supervisor, contact supervisor and confirm details of research instruction.

☆ Applicants cannot apply to this supervisor.

Supervisor with outline of research (3 / 3)

Major	Name	Speciality	Research subject
M a j o r i n A g r i c u l t u r a l S c i e n c e	Furutani Ayako	Plant pathology	◇ Studies on virulence mechanisms of plant pathogenic bacteria. Studies on biocontrol of bacterial diseases of plants.
	Maeda Shigeya	Environmental hydraulics	Water quality management and fish habitat conservation in watershed.
	Makiyama Masao	Rural planning	Revitalization of less favored areas in Japan.
	Masutomi Yuji	Agricultural meteorology and informatics	Impact and adaptation assessment of global warming with crop simulation models.
	Miyaguchi Yuji	Animal products science	Study on the development of high quality animal products using feeding and processing technology. Study on the utilization of various unused food resources as food and feed materials.
	Mohri Yoshiyuki	Facility engineering	Study of Disaster Mitigation Technology for Agricultural Facilities.
	Mochizuki Yuya	Horticultural science	Studies on sustainable production and postharvest technology of horticultural crops
	Mori Hidenori	Animal breeding and reproduction	△ Cytogenetic studies on domestic animals and experimental animals. Studies of artificial breeding on rare animals.
	Yasue Takeshi	Applied animal behaviour science	The study of livestock behaviour and it's use.
	Yarita Takashi	Food safety analysis	Study on analytical methods for food contaminants and residues.
Yoshida Koshi	Environmental hydrology	Study on Water and Material Circulation in Soil - Plant - Atmosphere Continuum.	

* The supervisor instruct in Field Science Center.

◇ The supervisor instruct in Gene Research Center.

△ The supervisor will retire at Mandatory Age on March 31, 2019. If applicants who choose the supervisor, contact supervisor and confirm details of research instruction.

☆ Applicants cannot apply to this supervisor.

For the academic year 2017
Application form for Ibaraki University Graduate School of Agriculture

		Examinee number	※
Name of applicant	In your native language		
	In the Roman alphabet		
		Major	Agricultural Science
		Course	Applied Asian Agriculture
		Supervisor preference	
Date of birth	Year / Month / Day (years old)		Sex
		Male / Female	
Nationality			
Qualification for application	Name of university	Faculty	Department
		Date of (expected) graduation	
In Japan	Applicant's address		
	Reference	Name	Relationship
		Address	Telephone number
Mailing address for the notification of admission			
		Telephone number	

- (Remarks)
1. All fields except those denoted by ※ must be filled in by the applicant.
 2. Please make inquiries about the contents of education and research in your major and field of choice and confirm them in advance.
 3. Use the A.D. year and capital letters for writing in the Roman alphabet.
 4. The nationality, residence status and residence period of the applicant must be copied exactly from the original alien registration record or entry visa.
 5. All applicants need a reference in Japan who can guarantee the payment of the applicant's tuition fees, etc.

Curriculum vitae (starting with entry into elementary school)				
Division	Year•Month	Year•Month	Period of study	Description
Academic Background	.	~	.	
	.	~	.	
	.	~	.	
	.	~	.	
	.	~	.	
Career	.	~	.	
	.	~	.	
	.	~	.	

Ibaraki University Graduate School of Agriculture
For the academic year 2017

Examination admission card

Examinee number		※
Name	In your native language	
	In the Roman alphabet	
		Date of birth male / female
Nationality		
Major preference		Major in Agricultural Science
Course preference		Course in Applied Asian Agriculture
Supervisor preference		
Remark	1. Do not fill in the section marked with ※. 2. The form must be hand-written by the applicant. 3. Be sure to bring this voucher on the day of the examination.	

Ibaraki University Graduate School of Agriculture
For the academic year 2017

Photo card

Examinee number		※
Name	In your native language	
	In the Roman alphabet	
		Date of birth male / female
Major preference		Major in Agricultural Science
Course preference		Course in Applied Asian Agriculture
Supervisor preference		
<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <p>Attach your photo here</p> <p>(Size: 4cm × 3cm)</p> <p>Photo taken within three months prior to application</p> <p>full face, bare head</p> </div>		
Remarks	1. Do not fill in the section marked with ※. 2. This form must be hand-written by the applicant.	

Examinee number	✕
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Academic year 2017
Reasons for application for Ibaraki University
Graduate School of Agriculture

Name	
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Major preference	Agricultural Science	Course preference	Applied Asian Agriculture	Supervisor preference	
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Do not fill in the section marked with ✕.

LETTER OF RECOMMENDATION

Dear Dean of the Graduate School of Agriculture, Ibaraki University

It is a great pleasure for us to write to you a letter of recommendation for the following student as a promising student taking the Double Degree Program based on the agreement between us and Ibaraki University.

The name of the student: _____

Signed _____
(Senior official of the Graduate School, with an official institutional stamp)

Date _____

LETTER OF AGREEMENT

Dear Dean of the Graduate School of Agriculture, Ibaraki University

I am pleased to inform you that I am going to accept the following student. The student will be enrolled in the Master's program at Graduate School of Agriculture, Ibaraki University, to follow the Double Degree Program under my supervision.

The name of the student: _____

IBARAKI UNIVERSITY, JAPAN

Signed _____
(Supervisor in Ibaraki University)

Date _____