Tokushima University 2022





外国人留学生のための入学案内 2022 Entrance guide for students from abroad



JOSANJIMA CAMPUS



KURAMOTO CAMPUS



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Foreword

Tokushima University aims to be a university that solves issues on a scale affecting one billion people.

A typical example is the discovery of blue LEDs and the development of their products which induced a revolution in the optical field around the world. This was done by Dr. NAKAMURA Shuji and his colleagues in Nichia Corporation in Tokushima. Dr. Nakamura graduated from Tokushima University, was given Doctoral degree on the theme of the blue LED and laureated the Nobel Prize in Physics in 2014.

One of Tokushima University's challenges is to increase the number of international graduates and undergraduate students.

The measures we're taking for these issues are listed below:



- Increase the number of international students from the current 180 to 350
- Increase the university's own scholarships: We will provide scholarships to as many international students as possible.
- Tokushima University Graduate Student Alumni Associations: We have currently established Graduate Student Alumni Associations in seven countries: China, Korea, Mongolia, Indonesia, Malaysia, Vietnam and Bangladesh. These Alumni Associations have a system for recommending talented international students, so please make use of it.
- The Pre-arrival Admission System for the admission of talented students from over the world before coming to Japan: This system is already started for Vietnam and Korea, and it will be implemented for other countries as well. Please contact us, if you would like to apply for it.
- We aim to raise the employment rate of international students in Japanese companies to 50%, and would like them to become permanent residents of Japan.
- Increase accommodation mixing Japanese and international students: We will use student dormitories, staff accommodation, and vacant homes to increase the opportunities for Japanese and international students to live together.

Please join us at Tokushima University.

NOJI Sumihare, Ph.D.

President

巻頭言

徳島大学は、10億人規模の問題を解決する大学をめざしています。

10億人規模の問題を解決した典型的な例は、世界に光の革命を誘導した青色LEDの発明と製品の開発です。この発明は、徳島大学の卒業生で、徳島大学でLEDをテーマに博士号を取得した中村修二博士を中心に、徳島の企業である日亜化学工業(株)においてなされました。この功績により、中村博士は、ノーベル物理学賞を2014年に受賞しました。

その徳島大学の一つの課題は、学部及び大学院の留学生を増やすことです。 このような課題を解決するために、下記にリストアップした対策を進めています。

- ・現在約180人いる外国人留学生を350人に増加します。
- ・大学独自の奨学金を増加:多くの留学生になるべく多くの奨学金を支給します。
- ・徳島大学では、卒業留学生同窓会を、現在、中国、韓国、モンゴル、インドネシア、マレーシア、ベトナム、バングラデシュの7カ国に設置しています。この同窓会により、優秀な外国人留学生を推薦していただく仕組みを作っていますので、ぜひご利用ください。
- ・世界から優秀な外国人留学生を受け入れるための渡日前入学許可制度を利用してください。すでに、ベトナム及び韓国では、学部の渡日前入学許可制度を始めております。他の国にも広げていきますので、お問い合わせください。
- ・外国人留学生の日本企業等への就職率を50%へ引き上げることを目指し,外国人学生が日本に定住することを目標にしています。
- ・日本人学生との混住型宿舎を増加する予定です。 学生寮、職員宿舎、空き家などを活用し、日本人学生と混住できる機会を増加させます。

是非、徳島大学に入学してください。お待ちしております。

徳島大学長 野 地 湾 晴

Introduction (はじめに)

Welcome to Tokushima University. This brochure explains what the foreigners who wish to enter the faculties or the graduate schools of this university should know, and common things throughout all faculties and graduate schools.

If you have some questions as you read this, consult the office of the faculty or the graduate school you wish to enter.

Application qualifications and methods of the selection of each faculty or graduate school are different.

Consult each department's office for details.

この冊子は徳島大学の学部あるいは大学院に入学を希望する外国人のために、知っておいてほしいことと、すべての学部あるいは大学院研究科に共通するものを説明したものです。この冊子を読んだ上で、不明な点はそれぞれの希望する学部または研究科の担当係まで問い合わせてください。

また,出願資格や選考方法などは,それぞれ異なることがありますので,詳しいことを知りたい時はそれぞれの希望する学部又は研究科の担当係まで問い合わせてください。

Outline and Organization of the University (徳島大学とは)

Tokushima University was established as a national university in 1949. It consists of two campuses and has about 7,600 students and about 2,400 staff members.

At the Josanjima campus, close to the mouth of the Yoshino River, there are the Faculty of Integrated Arts and Sciences, the Faculty of Science and Technology and the Faculty of Bioscience and Bioindustry and graduate schools in the corresponding fields. As for the Faculty of Integrated Arts and Sciences, it has the course of Integrated Arts and Social Sciences for the purpose of training talented persons with both general elementary knowledge and expertise in the fields of humanities.

The Faculty of Science and Technology has courses for the purpose of training technicians and researchers and contributing to the advancement of the industry and technology.

At the Kuramoto campus, at the foot of Mt. Bizan, there are three faculties, Medicine, Dentistry and Pharmaceutical Sciences, and five graduate schools, Medical Sciences, Nutrition and Biosciences, Oral Sciences, Pharmaceutical Sciences, and Health Science. This campus conducts research on advanced medical treatment as well as education and life science as a medical center. It trains person such as medical doctor, dentist, dental hygienist, certified social worker, pharmacist, registered dietitian, nurse, clinical radiologist, clinical laboratory technician and maternity nurse.

In addition, there is the Institute for Advanced Medical Sciences which leads the world in advanced biological research, the Institute of Post-LED Photonics which conducts research into innovations that tap into the power of light to secure the future of our world, the university hospital leading with state-of-the-art medical care, and the Industry-University R&D Startup Leading Institute that systematically produces startups.

徳島大学は1949年に設置され、学生約7,400人、教職員約2,400人を擁し、二つのキャンパスからなる総合大学です。 吉野川の河口に近い常三島キャンパスには、総合科学部、理工学部及び生物資源産業学部、対応する分野の大学院があります。

総合科学部は、社会総合科学科を有し、幅広い総合的視野を備え、専門領域に優れた人材の養成を目的としています。理工学部は、技術者・研究者の養成と工業技術の開発を目的としています。

眉山の麓にある蔵本キャンパスには、医学部、歯学部、薬学部があり、各学部に5つの大学院博士課程が設置されています。すなわち、本キャンパスでは生命科学の教育・研究とともに、メディカルセンターとして高度の医療が行われており、医師、歯科医師、歯科衛生士、社会福祉士、薬剤師、管理栄養士、看護師、診療放射線技師、臨床検査技師及び助産師が養成されています。

また、世界最先端の生命系研究をリードする先端酵素学研究所、光で世界を救うイノベーションを起こす研究をリードするポスト LED フォトニクス研究所、 最先端の医療をリードする大学病院があり、全学で教育研究に取り組んでいます。

Academic Calendar of 2022 (2022 年度 学年曆)

First Semester (前 期)

Second Semester (後期)

| April 1 | Semester begins |
|----------------------|-----------------|
| 4月1日 | (前期開始) |
| April 1 ~ April 3 | Spring Vacation |
| 4月1日~4月3日 | (春季休業) |
| August 1 ~ August 31 | Summer Vacation |
| 8月1日~8月31日 | (夏季休業) |
| September 30 | Semester ends |
| 9月30日 | (前期終了) |

| October 1 | Semester begins |
|-------------------------|-------------------|
| 10月1日 | (後期開始) |
| December 24 ~ January 9 | Winter Vacation |
| 12月24日~1月9日 | (冬季休業) |
| March 25 ~ March 31 | Year-end Vacation |
| 3月25日~3月31日 | (学年末休業) |
| March 31 | Semester ends |
| 3月31日 | (後期終了) |

Inquiry for Details Pertaining to the University

(徳島大学に関しての詳細な問い合わせ先)

Student Support Section for International Affairs

1-1 Minami-josanjima-cho, Tokushima, 770-8502, Japan (国際課留学生支援係:〒770-8502 徳島市南常三島町1丁目1番地)

TEL + 81 - 88 - 656 - 7079 FAX + 81 - 88 - 656 - 7597

Educational Sections

| Integrated Arts and Sciences(総合科学部,創成科学研究科(地域創成専攻,1-1 Minami-josanjima-cho, Tokushima, 770-8502, Japan (〒770 — 8502 徳島市南常三島町1丁目1番地) | 臨床心理学専攻)) TEL +81-88-656-7108 FAX +81-88-656-9314 |
|---|--|
| Medicine, Medical Sciences (医学部, 医科学教育部) 3-18-15 Kuramoto-cho, Tokushima, 770-8503, Japan (〒770 — 8503 徳島市蔵本町3丁目18番地15) | TEL + 81 - 88 - 633 - 9649 FAX + 81 - 88 - 633 - 9431 |
| Dentistry, Oral Sciences (歯学部, 口腔科学教育部) 3-18-15 Kuramoto-cho, Tokushima, 770-8504, Japan (〒770 - 8504 徳島市蔵本町3丁目18番地15) | TEL + 81 - 88 - 633 - 7310 FAX + 81 - 88 - 631 - 4215 |
| Pharmaceutical Sciences (薬学部, 薬科学教育部) 1-78-1 Shoumachi, Tokushima, 770-8505, Japan (〒 770 - 8505 徳島市庄町 1 丁目 78 番地 1) | TEL + 81 - 88 - 633 - 7247 FAX + 81 - 88 - 633 - 9517 |
| Nutrition and Bioscience (栄養生命科学教育部) 3-18-15 Kuramoto-cho, Tokushima, 770-8503, Japan (〒 770 - 8503 徳島市蔵本町 3 丁目 18 番地 15) | TEL + 81 - 88 - 633 - 9649 FAX + 81 - 88 - 633 - 9431 |
| Health Sciences(保健科学教育部) 3-18-15 Kuramoto-cho, Tokushima, 770-8503, Japan (〒 770 - 8503 徳島市蔵本町 3 丁目 18 番地 15) | TEL + 81 - 88 - 633 - 9009 FAX + 81 - 88 - 633 - 9431 |
| Science and Technology, Division of Science and Technology, Gradua | ite School of Sciences and |

Bioscience and Bioindustry, Bioresource Science (生物資源産業学部, 創成科学研究科生物資源学専攻)

2-1 Minami-josanjima-cho, Tokushima, 770-8513, Japan TEL + 81 – 88 – 656 – 8021

(〒770-8513 徳島市南常三島町2丁目1番地)

(〒770-8506 徳島市南常三島町2丁目1番地)

Technology for Innovation (理工学部, 創成科学研究科理工学専攻)

2-1 Minami-josanjima-cho, Tokushima, 770-8506, Japan

FAX + 81 - 88 - 656 - 8029

TEL + 81 - 88 - 656 - 7315 FAX + 81 - 88 - 656 - 2158

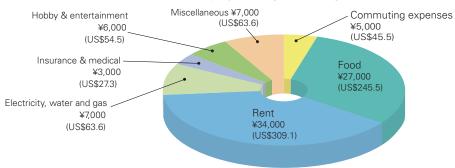
Living Cost in Japan (日本での生活費)

Cost of living

The average monthly expenses of an international student are shown below. The cost of living in metropolitan area is higher than in rural areas.



O Breakdown of itemized monthly spending including tuition fees (national average)



**Calculated at US\$1 = \times1110 Source : Lifestyle Survey of Privately Financed International Students 2017 (JASSO)

¥81,000

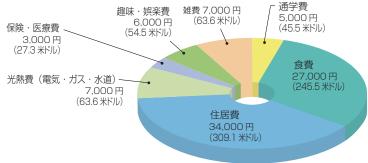
(US\$736.4)

生活費

外国人留学生の1カ月の生活費は次のとおりです。



◎1カ月の支出項目別内訳(全国平均)



※1米ドル=110円で計算

Faculties and Schools (学部·学科·研究科)

Faculties / Schools (学部等)

| Faculties / Schools (学部名) | Department / Course(学科名) | Degree(取得学位) | |
|---|---|--|--|
| Faculty of Integrated Arts and Sciences(総合科学部) URL(https://www.tokushima-u.ac.jp/ ias/english/) | Dept. of Integrated Arts and Social Sciences (社会総合科学科) | Bachelor of Integrated Arts and Sciences (学士(総合科学)) | |
| | School of Medicine (医学科) | Bachelor of Medicine (学士(医学)) | |
| Faculty of Medicine (医学部) URL (https://www.tokushima-u.ac.jp/med/english/) | School of Medical Nutrition (医科栄養学科) | Bachelor of Nutritional Science (学士(栄養学)) | |
| med/english/) | School of Health Sciences(保健学科) | Bachelor of Nursing Bachelor of Health Science (学士(看護学,保健学)) | |
| Faculty of Dentistry(歯学部) URL(https://www.tokushima-u.ac.jp/ dent/english/) | School of Dentistry (歯学科) | Bachelor of Dental Science (学士 (歯学)) | |
| | School of Oral Health and Welfare (口腔保健学科) | Bachelor of Oral Health and Welfare (学士(口腔保健学)) | |
| Faculty of Pharmaceutical Sciences (薬学部) URL (https://www.tokushima-u.ac.jp/ ph/english/) | School of Pharmacy (薬学科) | Bachelor of Pharmacy (学士 (薬学)) | |
| Faculty of Science and Technology (理工学部) URL (https://www.tokushima-u.ac.jp/st/) Dept. of Science and Technology (理工学科) | | Bachelor of Science and Technology (学士(理工学)) | |
| Faculty of Bioscience and Bioindustry (生物資源産業学部) URL (https://www.bb.tokushima-u.ac. jp/) | Dept. of Bioscience and Bioindustry (生物資源産業学科) | | |

Duration is 4 years for all courses, but 6 years for the School of Medicine, for the School of Dentistry and for the School of Pharmacy.

注:修業年限は4年、ただし、医学部(医学科)、歯学部(歯学科)及び薬学部(薬学科)は6年である。

Graduate Schools (大学院)

| Schools (研究科名) | Course(課程名) | Program(専攻名) | Degree (取得学位) |
|---|---|-------------------------------------|---|
| Sciences and | | Regional Development (地域創成専攻) | Master of Arts and Sciences (修士(学術)) |
| Technology for Innovation | Master Course (修士課程) | Clinical Psychology (臨床心理学専攻) | Master of Clinical Psychology (修士(臨床心理学)) |
| (創成科学研究科) URL(https://www.tokushima-u.ac.jp/ department/graduate_school/ | | Science and Technology | Master of Engineering (修士(工学)) |
| sience.html) [Doctoral programs to be established in 2022] | | (理工学専攻) | Master of Science (修士(理学)) |
| 【2022年度博士課程設置予定】 | | Bioresource Science (生物資源学専攻) | Master of Bioresource Science (修士 (生物資源学)) |
| Medical Sciences (医科学教育部) URL(https://www.tokushima-u.ac.jp/ | Master Course (修士課程) | Medical Science (医科学専攻) | Master of Science (Medical Science) (修士(医科学)) |
| med/english/graduate/medical/) 【Name to be changed in 2022】 【2022 年度名称変更予定】 | Doctoral Course (博士課程) | Medical Sciences(医学専攻) | Doctor of Philosophy (Medical Science) (博士(医学)) |
| | Master's Course (博士前期課程) | Oral Health Science (口腔保健学専攻) | Master of Oral Health Science (修士(口腔保健学)) |
| Oral Sciences (口腔科学教育部) | Doctoral Course | Oral Sciences (口腔科学専攻) | Doctor of Philosophy (Dental Science) (博士 (歯 学)) |
| URL (https://www.tokushima-u.ac.jp/dent/english/) [Name to be changed in 2022] | (博士課程) | | Doctor of Philosophy (博士 (学 術)) |
| 【2022年度名称変更予定】 | Doctor's Course | Oral Health Science | Doctor of Oral Health Science (博士 (口腔保健学)) |
| | (博士後期課程) | (口腔保健学専攻) | Doctor of Philosophy (博士 (学 術)) |
| Pharmaceutical Sciences | Master Course (博士前期課程) | Pharmaceutical Sciences (創薬科学専攻) | Master of Pharmaceutical Sciences (修士 (薬科学)) |
| (薬科学教育部) URL (https://www.tokushima-u.ac.jp/ ph/english/) | Doctoral Course (博士後期課程) | Pharmaceutical Sciences (創薬科学専攻) | Doctor of Philosophy (Pharmaceutical Sciences) (博士 (薬科学)) |
| 【Name to be changed in 2022】 【2022 年度名称変更予定】 | Doctoral Course (博士課程) | Pharmacy (薬学専攻) | Doctor of Philosophy (Clinical Pharmaceutical Sciences) (博士(薬 学)) |
| Nutrition and Bioscience (栄養生命科学教育部) URL(https://www.tokushima-u.ac.jp/ | Master Course (博士前期課程) | Human Nutrition (人間栄養科学専攻) | Master of Science (Nutritional Science) (修士(栄養学)) |
| med/english/graduate/nutrition/) 【Name to be changed in 2022】 【2022 年度名称変更予定】 | Doctoral Course (博士後期課程) | Human Nutrition (人間栄養科学専攻) | Doctor of Philosophy (Nutritional Science) (博士(栄養学)) |
| Health Sciences (保健科学教育部) URL (https://www.tokushima-u.ac.jp/ med/english/graduate/ health_sciences/) | 收育部) www.tokushima-u.ac.jp/ lish/graduate/ ciences/) e changed in 2022】 Master Course (博士前期課程) Health Sciences (保健学専攻) | | Master of Science (Health Science) (修士 (保健学)) Master of Science (Nursing Science) (修士 (看護学)) |
| 【Name to be changed in 2022】 【2022 年度名称変更予定】 | | | Doctor of Philosophy (Health Sciences) (博士 (保健学)) |

Duration is 2 years for the master course and 4 years for the doctoral courses in Medical Sciences, Oral Sciences, and Pharmacy but 3 years for the other doctoral courses. 注:標準修業年限は,修士課程及び博士前期課程は2年,博士後期課程は3年,博士課程は4年である。

Admission to Undergraduate Schools (学部に入学するためには)

There are two types of admission for undergraduate students: as regular or non-regular students (research students and auditors) admissions.

All classes and lectures at each Faculty are conducted entirely in Japanese, even to international students. For this reason it would be desirable for international students to achieve a proper level of Japanese before admission.

As for research students, admission policy varies from faculty to faculty. For further information, students should contact the person of the administrative section of the Faculty they wish to enter.

For regular students, the duration of education is generally 4 years and the Bachelor's degree is finally granted upon completion of the program required.

However, for students in the Schools of Medicine, Dentistry and Pharmacy, the duration of the educational program is generally 6 years, and the degree of Bachelor of Medicine, Dentistry or Pharmacy is granted upon completion of the program.

本学の各学部には、正規の学部学生と非正規生の研究生及び科目等履修生の入学制度があります。

学部における授業は、外国人留学生に対しても全て日本語によって行われています。この点を十分に考慮し、入学以前に日本語を修得しておくことが必要です。

なお、研究生の制度については、学部により取扱いが異なることがありますので、さらに詳しいことを知りたい時 は各学部の担当係まで照会してください。

正規の学生は4年間在学し、所定の単位を修得すれば学士の学位が与えられます。

ただし、医学部医学科、歯学部歯学科および薬学部薬学科においては、6年間在学し所定の単位を取得すれば、医学科の場合は学士(医学)、歯学科の場合は学士(歯学)、薬学科の場合は学士(薬学)の学位が与えられます。

Application Requirements (出願要件)

General requirements 1,2,3 should be met by all international applicants. Moreover, some of the faculties may require 4 below:

- 1 Applicants must not possess Japanese nationality and not have permission for permanent residence from the Japanese Government,
- 2 Applicants must meet one of the following conditions:
 - (1) Must have completed 12 years of school education abroad before or by the end of March in the year of admission, or the equivalent of such education as recognized by the Minister of Education, Science, Sports and Culture,
 - (2) Must hold the International Baccalaureate Diploma recognized by the civil code of Switzerland, and/or
 - (3) Must have Abitur Certificate, a university entrance qualification based on each state of the Federal Republic of Germany, or the Baccalaureate Diploma recognized by the Republic of France as a university entrance qualification
- 3 Applicants must take the subjects in EJU (Examination for Japanese University Admission for International Students) 2021 which are specified by Tokushima University
- 4 Faculty-specific requirements
 Please check your conditions in the application guideline. Some of the faculties may request
 your TOEFL score.

(NOTES)

- 1. Even if applicants don't possess Japanese nationality, the applicants who graduate Japanese high school including secondary school must not apply this selection.
- 2. Please take all the specified subjects in 1st EJU in June, or the 2nd EJU in November. Applicants can not take the specified subjects separately in the 1st EJU and 2nd EJU.

本学の私費外国人留学生選抜に出願できる者は、次の1~3の要件及び4各学部の要件全てを満たしている者とします。

- 1 日本の国籍を有しない者で、且つ、日本国の永住許可を取得していない者
- 2 次のいずれかに該当する者
 - (1) 外国において、学校教育における12年の課程を修了した者若しくは2022年3月31日までに修了見込みの者又はこれらに準ずる者で文部科学大臣の指定したもの
 - (2) スイス民法典に基づく財団法人である国際バカロレア事務局から国際バカロレア資格を授与された者
 - (3) ドイツ連邦共和国の各州において大学入学資格として認められているアビトゥア資格又はフランス共和国において大学入学資格として認められているバカロレア資格を取得した者
- 3 独立行政法人日本学生支援機構が 2021 年度に実施する日本留学試験において本学が指定した全教科・科目を 受験した者であり、日本語を理解できる者
- 4 各学部の要件

入学者選抜要項をご確認ください。学部等により TOEFL の成績が必要な場合があります。

- (注) 1 日本国籍を有しない者であっても、日本の高等学校(中等教育学校を含む。)を卒業した者は、この選抜に出願することはできません。
 - 2 第1回(6月実施)又は第2回(11月実施)のいずれか一方で、指定する日本語留学試験の教科・科目を、 すべて受験してください。教科・科目の受験結果を第1回と第2回に分けることはできません。

Selection (選抜方法)

International applicants will be selected according to the following criteria: (1) the results of their EJU, (2) academic achievement tests conducted by Tokushima University and (3) the application documents that the applicant sent to the University.

入学者の選抜は、日本留学試験の成績、本学が実施する個別学力検査等の成績及び書類審査の結果を総合判定します。

General Inquiries (照会先)

International students should contact the admission division below for any inquiries regarding the entrance examination.

入学試験の詳細を知りたい方は下記の担当係へお問い合わせください。

Admission Division, Section of Entrance Examination, Tokushima University (徳島大学 学務部入試課入学試験係)

Address: 2-24, Shinkura-cho, Tokushima

770-8501, Japan

(住所:徳島市新蔵町2丁目24番地) EMail:nyuinfo@tokushima-u.ac.jp

FAX: + 81-88-656-7093



Central Administration Office

Research Students (研究生)

The faculty allows for research students seeking to pursue a specific topic of research. However, such students are not entitled to receive a degree or qualification at the end of the research period. For further information, please contact the educational affairs section shown in page 5.

研究生とは、学部・大学院において特別の事項について研究をしようとする者のための制度です。 研究期間を終了しても、研究生には学位、資格等は与えられません。 詳しくは、各学部担当係まで照会してください。

【Admission】(入学)

As a general rule, admission is at the beginning of the semester in either April or October.

原則として、入学時期は毎学期のはじめ(4月、10月)です。

【Enrollment Period】(在学期間)

The period of enrollment is 6 months or one year in principle, however, depending upon the requirement of research, the enrollment period can be extended.

在学期間は半年または1年間です。ただし、研究上の必要によっては在学期間の延長を願い出ることができます。



Sudachi

Admission to Graduate Schools (大学院に入学するためには)

In the Graduate Schools of Tokushima University, there are two types of admission: as Regular students or Non Regular students (research students and special auditors).

In the regular courses, there are the Pre-Doctoral course (Master's Program) and Doctoral course (Doctoral Program).

Except for the special programs offered in English which are placed graduate schools other than Graduate School of Integrated Arts and Sciences, the classes and lectures are conducted in Japanese even to international students. In consideration of this point, it is necessary to attain Japanese language skills before admission.

This chapter explains the terms of school years, academic degree, admission requirements, and application for admission to matriculated courses. The system is slightly different depending on each graduate school. For further information, contact the educational section of the graduate schools shown in page 5.

大学院には、正規生(大学院生)と非正規生(研究生及び科目等履修生)への入学制度があります。

正規の課程には、博士前期課程(修士課程)と博士後期課程(博士課程)とがあります。創成科学研究科地域創成 専攻、創成科学研究科臨床心理学専攻、創成科学研究科生物資源学専攻以外の各研究科に置く英語による特別プログ ラムを除き、本学の大学院における授業は、外国人留学生の場合でも一般学生と同様に日本語によって行われており ます。この点を十分に考慮し、入学以前に日本語を修得しておくことが必要です。

ここでは、正規の課程について、修業年限、取得できる資格、出願資格、出願方法等について説明します。なお、研究科によって制度が多少異なります。詳細について知りたい時は、5頁にある各研究科の担当係へ照会してください。

Matriculated Courses for M.A. and Ph.D. (修士課程, 博士課程)

In the Pre-Doctoral course (Master's Program), a Master's degree is awarded when the following conditions are met: regular attendance of two years at the University with completion of curricula and units provided by the graduate school, after receiving required research instructions, passing the thesis inspection and final examination.

In the Doctoral course (Doctoral Program), Doctoral degree is awarded when the following conditions are met: regular attendance of three or four years at the University with completion of curricula and units provided by the graduate school, after receiving required research instructions, passing the thesis inspection and final examination.

However, for Graduate Schools of Medicine, Oral Sciences and Pharmaceutical Sciences regular attendance of four years at the University is required.

As a general rule, admission to the matriculated course is in April.

As an exception for international students, the entrance examinations for admission in October are held between the end of August and the beginning of September.

博士前期課程(修士課程)では、通常2年在学し、当該研究科の定めた所要の科目及び単位を修得し、必要な研究指導を受けた後、論文審査ならびに最終試験に合格すれば修士の学位が与えられます。

博士後期課程(博士課程)では、通常3年又は4年在学し、当該研究科の定めた所要の科目及び単位を修得し、必要な研究指導を受けた後、論文審査ならびに最終試験に合格すれば博士の学位が与えられます。

いずれも正規課程への入学時期は、原則として4月ですが、外国人留学生については、入学試験を8月下旬から9月上旬頃に実施し、10月に入学する制度があります。

[Application Qualifications for Master's Program/Pre-Doctoral Program]

(修士課程・博士前期課程への出願資格)

Applicants must satisfy one of the following requirements:

- 1 University graduates or those who will graduate from University by time of admission.
- Those who have completed at least a total of 16 years of school education or those who will complete it by time of admission.
- Those who have completed or will have completed at least 16 years of formal school education of a foreign country by studying the relevant subject in Japan via correspondence course provided by a school of the country by time of admission.
- 4 Those who have successfully completed a course at an educational institution abroad (a graduated of which must have completed a 16-year course in the school education system), which is assessed in Japan to have university course in that education system, and specifically designated by the Minister of Education, Science and Culture by time of admission.
- Those who have a degree corresponding to that of a bachelor's through the completion of courses with a term of study for three years or more (which includes the completion of an equivalent degree taken through a correspondence course in Japan provided by a foreign university, and also includes the completion of an equivalent degree issued by an educational institute which is designated as equivalent to those in Japan based on the conditions stated above and is acknowledged as a part of the formal education in the applicant's home country) at a foreign university or another overseas educational institute (limited to those appropriately rated by an accreditation agent of the government of the applicant's home country or by another officially approved accreditation institute, or specifically and independently designated as equivalent by the Minister of Education, Science and Culture).
- 6 Those who have successfully completed, or are expected to complete, after the date designated by the Minister of Education, Culture, Sports, Science and Technology, the specialized course specifically designated by the Minister of Education, Culture, Sports, Science and Technology at a vocational school, whose minimum period required for graduation is four years or longer, and which also satisfies other condition specified by the Minister of Education, Culture, Sports, Science and Technology.

- 7 Those who have completed at least 15 years of school education with high records and qualified by the Graduate School of Tokushima University.
- 8 Those who are qualified by the Graduate School of Tokushima University as having academic standards equivalent or superior to those of graduates of the university in Japan and have reached 22 years old.

出願する者は、次の要件のいずれかを満たす必要があります。

- 1 大学を卒業した者又は卒業見込みの者
- 2 外国において、学校教育における16年の課程を修了した者又は修了見込みの者
- 3 外国の学校が行う通信教育における授業科目を我が国において履修することにより、当該外国の学校教育における16年の課程を修了した者又は修了見込みの者
- 4 我が国において、外国の大学の課程(その修了者が当該外国の学校教育における16年の課程を修了した者に限る。)を有するものとして当該外国の学校教育制度において位置付けられた教育施設であって、文部科学大臣が指定するものの当該課程を修了した者
- 5 外国の大学その他の外国の学校(その教育研究活動等の総合的な状況について、当該外国の政府又は関係機関の認証を受けた者による評価を受けたもの又はこれに準ずるものとして文部科学大臣が別に指定するものに限る。)において、修業年限が3年以上である課程を修了すること(当該外国の学校が行う通信教育における授業科目を我が国において履修することにより当該課程を修了すること及び当該外国の学校教育制度において位置付けられた教育施設であって前号の指定を受けたものにおいて課程を修了することを含む。)により、学士の学位に相当する学位を授与された者
- 6 専修学校の専門課程(修業年限が4年以上であることその他の文部科学大臣が定める基準を満たすものに限る。)で文部科学大臣が別に指定するものを文部科学大臣が定める日以後に修了した者及び見込みの者
- 7 外国において、学校教育における15年の課程を修了し、所定の単位を優れた成績をもって修得したものと本学の大学院において認めた者
- 8 本学の大学院において、個別の入学資格審査により大学を卒業した者と同等以上の学力があると認めた者で、 22歳以上の者

【Application Qualifications for Doctoral Program】(博士後期課程への出願資格)

Applicants must satisfy one of the following requirements:

- 1 Those who have received, or are expected to receive, a Master's degree or a professional degree by time of admission
- 2 Those who have received, or are expected to receive, a Master's degree or a professional degree from a university abroad by time of admission
- Those who have received or are expected to receive, a degree equivalent to a Master's degree or a professional degree by studying the relevant subjects in Japan via correspondence course provided by a school of a foreign country by the time of admission
- 4 Those who have completed and earned a Master's degree or a degree that corresponds to a professional degree at an educational institution abroad which is assessed in Japan to have graduate school course abroad in the school education system and specifically designated by the Minister of Education, Culture, Sports, Science and Technology
- Those who have completed a course at United Nations University, and been awarded a degree equivalent to master's degree
- Those who have completed a course of a foreign school, an educational institution designated in item 4 above or the United Nations University; passed an examination or a screening which corresponds to those prescribed in Article 16, paragraph 2 of the Standards for the Establishment of Graduate Schools; and are qualified to have academic standard equivalent to or higher than those who hold a master's degree
- 7 Those who are specifically designated by the Minister of Education, Culture, Sports, Science and Technology
- Those who are qualified by the Graduate School of Tokushima University as having academic standards equivalent or superior to those of having Master's Degree by the Graduate School of Tokushima University, and have reached 24 years of age

出願する者は、次の要件のいずれかを満たす必要があります。

- 1 修士の学位又は専門職学位を有する者又は学位を得る見込みの者
- 2 外国において、修士の学位又は専門職学位に相当する学位を授与された者又は学位を授与される見込みの者
- 3 外国の学校が行う通信教育における授業科目を我が国において履修し、修士の学位又は専門職学位に相当する 学位を授与された者及び本課程入学までに授与される見込みの者
- 4 我が国において、外国の大学院の課程を有するものとして当該外国の学校教育制度において位置付けられた教育施設であって、文部科学大臣が指定するものの当該課程を修了し、修士の学位又は専門職学位に相当学位を授与された者
- 5 国際連合大学の課程を修了し、修士の学位に相当する学位を授与された者
- 6 外国の学校、上記4の指定を受けた教育施設又は国際連合大学の教育課程を履修し、大学院設置基準第16条の2に規定する試験及び審査に相当するものに合格し、修士の学位を有する者と同等以上の学力があると認められた者
- 7 文部科学大臣が指定した者
- 8 本学の大学院において、個別の入学資格審査により修士の学位を有する者と同等以上の学力があると認めた者で、24歳以上の者

【Application Qualifications for Doctoral Degree Program (Medical Sciences, Oral Sciences and Pharmaceutical Sciences)】 (医科学教育部、口腔科学教育部及び薬科学教育部の博士課程への出願資格)

Applicants must satisfy one of the following requirements:

- 1 Those who have received or are expected to receive a Bachelor's degree (Medicine, Dentistry, a 6-year Pharmacy or a 6-year Veterinary Medicine) from a Japanese university by time of admission
- 2 Those who have received or are expected to receive a Bachelor's degree (Medicine, Dentistry or Veterinary Medicine) from National Institution for Academic Degrees and Quality Enhancement of Higher Education by time of admission



Local tradition, Awa dance

- Those who have completed or are expected to complete 18-year schooling (current major should be either Medicine, Dentistry, Pharmacy or Veterinary Medicine) outside of Japan
- 4 Those who have completed or are expected to complete,18-year schooling (current major should be Medicine, Dentistry, Pharmacy or Veterinary Medicine) by studying the relevant subjects in Japan via correspondence course provided by a school of a foreign country by time of admission
- Those who have completed 18-year schooling (current major should be Medicine, Dentistry, Pharmacy or Veterinary Medicine) at an educational institution abroad which is assessed in Japan to have equivalent school courses in the school education system and specifically designated by the Minister of Education, Culture, Sports, Science and Technology
- Those who have a degree corresponding to that of a bachelor's through the completion of courses with a term of study for five years or more (which includes the completion of an equivalent degree taken through a correspondence course in Japan provided by a foreign university, and also includes the completion of an equivalent degree issued by an educational institute which is designated as equivalent to those in Japan based on the conditions stated above and is acknowledged as a part of the formal education in the applicant's home country) at a foreign university or another overseas educational institute (limited to those appropriately rated by an accreditation agent of the government of the applicant's home country or by another officially approved accreditation institute, or specifically and independently designated as equivalent by the Minister of Education, Science and Culture).
- 7 Those who are specially designated by the Minister of Education, Culture, Sports, Science and Technology
- 8 Those who are recognized to have achieved enough academic outcomes by the Admission Committee for the Interdisciplinary Health Care Graduate Program in English and have studied

- under the faculty of Medicine, Dentistry, Pharmacy or Veterinary Medicine of a university for more than four years or have completed 16-year schooling (including a course for Medicine, Dentistry, Pharmacy or Veterinary Medicine) in a foreign country
- 9 Those who are qualified, through individual Entrance Qualification Examination, by the Admission Committee for the Interdisciplinary Health Care Graduate Program in English, Tokushima University, to have academic standard equivalent to or superior to those who are prescribed in Article 1, and have reached 24 years of age

出願する者は、次の要件のいずれかを満たす必要があります。

- 1 学校教育法第83条第1項に定める大学の医学、歯学又は修業年限6年の薬学若しくは獣医学を履修する課程 を卒業した者及び卒業見込みの者
- 2 学校教育法第104条第7項の規定により学士の学位を授与された者(医学, 歯学又は獣医学を履修した者に限る。)及び授与される見込みの者
- 3 外国において、学校教育における18年の課程(最終の課程は医学、歯学、薬学又は獣医学)を修了した者及び修了見込みの者
- 4 外国の学校が行う通信教育における授業科目を我が国において履修することにより当該外国の学校教育における18年の課程(最終の課程は医学、歯学、薬学又は獣医学)を修了した者及び修了見込みの者
- 5 我が国において、外国の大学の課程(その修了者が当該外国の学校教育における18年の課程(最終の課程は 医学、歯学、薬学又は獣医学)を修了したとされるものに限る。)を有するものとして当該外国の学校教育制度 において位置付けられた教育施設であって、文部科学大臣が指定するものの当該課程を修了した者及び修了見込 みの者
- 6 外国の大学その他の外国の学校(その教育研究活動等の総合的な状況について、当該外国の政府又は関係機関の認証を受けた者による評価を受けたもの又はこれに準ずるものとして文部科学大臣が別に指定するものに限る。)において、修業年限が5年以上である課程を修了すること(当該外国の学校が行う通信教育における授業科目を我が国において履修することにより当該課程を修了すること及び当該外国の学校教育制度において位置付けられた教育施設であって前号の指定を受けたものにおいて課程を修了することを含む。)により、学士の学位に相当する学位を授与された者
- 7 学校教育法施行規則第155条第1項第6号の規定に基づき、文部科学大臣が指定した者
- 8 大学(医学, 歯学, 薬学又は獣医学を履修する課程に限る。)に4年以上在学し,又は外国において学校教育における16年の課程(医学, 歯学, 薬学又は獣医学を履修する課程を含むものに限る。)を修了し,本特別コース選考委員会において,所定の単位を優れた成績をもって修得したものと認めた者
- 9 本特別コース選考委員会において、個別の入学資格審査により、1 に規定する者と同等以上の学力があると認めた者で、24歳に達したもの

【Application Procedure】(出願手続)

Separate brochures with details of application and outlines of the respective graduate schools are available on request to the administrative section (page 5) responsible for the graduate school you wish to enter.

入学を希望する者は、各教育部においてそれぞれに募集要項が発表されておりますので、各教育部担当係まで照会して下さい。

Scholarships for International Students (外国人留学生のための奨学金制度)

International students can get Japanese government scholarships and nongovernmental scholarships offered by private organizations.

Please consult the International Affairs Division for details.

外国人留学生のための日本政府奨学金制度と民間団体等の奨学金制度があります。詳細については国際課へ照会して下さい。

Monbukagakusho Scholarships

(Scholarships of the Japanese Ministry of Education, Science, Sports and Culture) (文部科学省留学生奨学金)

There are two different types of governmental scholarships provided by Monbukagakusho. Please note that the selection procedures and requirements are different.

日本政府奨学金制度(国費外国人留学生制度と呼びます。)には、大使館推薦、大学推薦の2種類の奨学金があります。それぞれにおいて選抜方法と要件が異なりますので注意して下さい。

Recommendation by a Japanese Embassy (大使館推薦による場合)

Diplomatic establishments of the Japanese Government in foreign countries select candidates for the scholarship by the results of three tests: screening test, written test, and an interview. Then, they are recommended to Monbukagakusho, the Japanese Ministry of Education, Culture, Sports, Science, and Technology. Finally, Monbukagakusho selects candidates for the scholarship.

For more details, please contact the Japanese diplomatic office abroad nearest to you.

在外日本公館は奨学金の候補者を選考します。選考は書類審査,筆記試験及び面接試験により行われます。在外日本公館はその結果により候補者を文部科学省に推薦し、文部科学省が最終合格者を決定することになっています。詳細についてはもよりの日本公館へ照会して下さい。

Recommendation by the University (大学推薦による場合)

● For New International Applicants to the University ● (新たに海外から留学する者を採用する場合)

Foreign graduate students with excellent academic records can be selected as candidates for the scholarship on the basis of exchange agreements made between foreign universities and Tokushima University (see page 36).

After Tokushima University recommends candidates to Monbukagakusho, Monbukagakusho finally selects the recipients of the scholarship.



The Awarding Ceremony of Scholarship for International Students

本学と外国の大学との間で結ばれている交流協定等に基づき、本学が入学を許可しようとする大学院レベルの外国人留学生のうち特に優秀で奨学金の支給を必要とする者を文部科学省に推薦し、文部科学省が最終合格者を決定します。

● For Self-supported International Students Already Enrolled in the University ● (在学中の私費留学生から採用する場合)

Self-supported students with excellent records who are enrolled in graduate courses or are in the last year of undergraduate courses in Japan are recommended to Monbukagakusho after selection by their universities.

Recipients for the scholarship are finally selected by Monbukagakusho.

NOTE: Currently the recruitment of this scholarship is suspended.

日本の大学院修士課程または博士課程及び学部最終年次生に在学する私費留学生の中から学業成績優秀な者について、学内で選考を行い文部科学省に推薦し、文部科学省が最終合格者を決定します。

お知らせ:この奨学金は現在募集を停止しています。

Scholarships For Self-Supported International Students (私費留学生のための奨学金制度)

1. Honors Scholarship for Privately Financed International Students

This is for full-time students who are recognized as excellent students, require financial assistance while they are enrolled in universities and wish to work in Japan after graduation.

(NOTE) The third and fourth year undergraduate students, the first and second year master's students, and the second and third year Ph.D. students are eligible.

Allowance: 48,000 Yen/month (FY 2021)

- 2. Scholarship Fund of Tokushima University
 - (1) "Tokushima University Fund for International Education and Research Exchanges" and "Fujii-Otsuka Fund for International Education and Research Exchanges" support international students who require financial assistance. Eligibility: international students enrolled in university at their own expenses.
 - Tokushima University Fund for International Education and Research Exchange Allowance: 30,000 Yen/month or 45,000 Yen/month (FY2021)
 - Fujii-Otsuka Fund for International Education and Research Exchange Allowance: 30,000 Yen/month or 48,000 Yen/month (FY2021)
 - (2) "The Tokushima University School of Dentistry Scholarship Fund" supports international students enrolled in the School of Dentistry, who require financial assistance. Eligibility: international students enrolled in the School of Dentistry at their own expenses (excluding international students sent by foreign governments).

Allowance: up to 30,000 Yen/month

3. Scholarships by Private Scholarship Organizations

These scholarships are granted by private scholarship organizations to international students studying at their own expense.

Since these scholarships are managed by private organizations respectively, they have their own recruitment methods, selection processes, and payment conditions. Please ask at the International Office for more details after matriculation.

1. 文部科学省私費外国人留学生学習奨励費(就職支援特別枠)

大学等の正規課程に在籍し、経済的援助を必要とする成績優秀者のうち、卒業・修了後に日本国内での就職を希望している、卒業・修了年次の者及び卒業・修了前年次の者

支 給 額:月額 48,000円 (2021年度)

2. 徳島大学独自の外国人留学生に対する奨学金事業

(1) 「徳島大学国際教育研究交流資金」・「藤井・大塚国際教育研究交流資金」により、本学に在学する私費外国人留学生で、経済的援助を必要とする者に対して、勉学意欲を高めるために奨学金を支給する事業。

対象留学生:本学に在学する私費外国人留学生(外国政府派遣留学生除く)

· 徳島大学国際教育研究交流資金

支 給 額:月額 30,000円または45,000円(2021年度)

· 藤井 · 大塚国際教育研究交流資金

支 給 額:月額 30,000円または48,000円(2021年度)

(2) 「徳島大学歯学部スカラーシップ助成金」により、本学の歯学部に在学する私費外国人留学生で、経済的援助を必要とする者に対して、勉学意欲を高めるために奨学金を支給する事業。

対象留学生:歯学部に在学する私費外国人留学生(外国政府派遣留学生除く)

支 給 額:月額 上限30,000円

3. 民間奨学団体による奨学金(各種の団体等によるもの)

民間の奨学団体等による私費留学生に対する奨学金制度です。

募集・選考・待遇等については、それぞれ異なっておりますので入学後、国際課に聞いてください。

Exemption of Tuition for Self-Supported International Students (私費留学生のための授業料免除制度)

International students in regular courses (except undergraduate students, students sent by foreign governments, research students and auditors), who study at their own expense, can be partly exempted from the tuition within the limit of the budget, if they have financial difficulties and are recognized as excellent students.

私費留学生(学部学生・政府派遣留学生・研究生及び科目等履修生は除く)に対して本学に入学後、学業成績が優秀で、経済的な理由により授業料の納付が困難な者については、願い出により選考のうえ、予算の範囲内において、その学期の授業料の一部が免除される制度があります。

Tuition and Other Expenses (入学に必要な費用)

Students are required to pay an entrance examination fee at the time of application, an enrollment fee and a tuition fee at the time of registration.

学生は、出願時に入学検定料、入学時に入学料と授業料を納めることとなっています。

| Status (区分) | Entrance Examination Fee (入学検定料) | Enrollment Fee (入学料) | Tuition Fee (授業料) |
|---------------------------------|-------------------------------------|-------------------------|----------------------|
| Undergraduate Student (学部学生) | 17,000 Yen | 282,000 Yen | 535,800 Yen / year |
| Graduate Student (大学院生) | 30,000 Yen | 282,000 Yen | 535,800 Yen / year |
| Research Student (研究生) | | | 29,700 Yen /month |
| Auditor (科目等履修生) | 9,800 Yen | 28,200 Yen | 14,800 Yen / credit |

Note: This list is made up as of October, 2020

How to Obtain a Visa (在留資格の取得)

It is necessary to obtain "Student" visa in order to enter Japan as a student. In order to obtain it there are 2 methods based on "Letter of Admission" issued by Tokushima University.

- An applicant can apply for a visa at a Japanese Embassy or Consulate in his/her country . ** This method takes time to complete.
- 2 A deputy living in Japan (university staff members, financial supporters, and relatives etc.) can apply for the certificate of eligibility on behalf of an applicant at a local immigration bureau (Ministry of Justice) in Japan.
 - * This method is preferable when the time is limited.

勉学するために留学生として日本に入国する者は、『留学』ビザを取得する必要があります。この在留資格を得るためには、本学が交付した『入学許可書』をもとに次の2通りの方法があります。

- 1 本人が直接日本の在外公館(大使館または領事館)で査証申請を行う方法 ※審査が完了するまでに相当の時間を要します。
- 2 日本国内に在住する本人との関係者(大学の職員、学費または滞在を支弁する者、親族など)が法務省地方入国管理局で本人に代わって在留資格認定証明書の申請を行う方法
 - ※入学手続等で時間が限られている場合はこの方法がよいと思います。

Status of Residence (Student) is defined as follows:

(在留資格『留学』とは次のとおりです。)

| Status | Activities permitted in Japan | Duration |
|-----------------|---|--|
| (在留資格) | (本邦において行うことができる行動) | (在留期間) |
| Student (留学) | Activities to receive an education at a university or an equivalent educational institution in Japan (本邦の大学またはこれに準ずる機関において教育を受け) る活動 | 4 years and 3 months, 4 years, 3 years and 3 months, 3 years, 2 years and 3 months, 2 years, 1 year and 3 months, 1 year, 6 months, 3 months { 4年3月, 4年, 3年3月, 3年, 2年3月, 2年, 1年3月, 1年, 6月, 3月 |

Outlines of Graduate Schools (大学院の概要)

Graduate School of Sciences and Technology for Innovation

(創成科学研究科)

(https://www.tokushima-u.ac.jp/department/graduate_school/sience.html)

Tokushima University established Graduate School of Sciences and Technology for Innovation as a new graduate school from the fiscal year 2020, with the idea of anticipating changes in social and economic circumstances, and introducing an educational system that focuses on training the personnel required by the region and the world.

Graduate School of Sciences and Technology for Innovation comprises four courses, Regional Development, Clinical Psychology, Science and Technology, and Bioresource Science. The details of each course are as follows.

The type of personnel fostered by Graduate School of Sciences and Technology for Innovation We will foster advanced specialists who understand the latest basic, leadingedge technologies based on the medium to long term needs of industry and society, who can create new value (innovation) in technology, industry and society from a global perspective.

Regional Development

This course fosters practical personnel who can contribute proactively to creating sustainable regional communities. With high level expertise in humanities, society and human sciences and broad knowledge in related fields, they can work with social actors in local communities to solve local issues based on a comprehensive and global perspective.

Students who graduate are awarded a Master of Arts degree.

Clinical Psychology

This course fosters personnel with broad knowledge and logical thinking in clinical psychology and related fields, who can contribute to the creation of sustainable local communities from the perspective of recovery, retention and enhancement of mental health.

Students who graduate are awarded a Master of Clinical Psychology degree.

Science and Technology

This course comprises eight departments, the Department of Mathematical Sciences, Department of Natural Science, Department of Civil and Environmental Engineering, Department of Mechanical Science, Department of Applied Chemistry, Department of Electrical and Electronic Engineering, Department of Computer Science and Department of Optical Science. It fosters personnel who understand the latest basic, leading-edge technologies, and who can create new value in fields including science and technology, industry and society from a global perspective.

Students who graduate from the Department of Mathematical Sciences and Department of Natural Science are awarded a Master of Science degree.

Students who graduate from the Department of Civil and Environmental Engineering, Department of Mechanical Science, Department of Applied Chemistry, Department of Electrical and Electronic Engineering, Department of Computer Science and Department of Optical Science are awarded a Master of Engineering degree.

Bioresource Science

This course comprises three departments, the Department of Applied Life Science, Department of Food Bioscience, and Department of Agrobioscience. This course fosters advanced specialists who understand the biological phenomena and bioscience-related technologies involved in the creation and use of biotic resources. They can create new value in fields including science and technology, industry and society from a global and composite perspective based on the medium to long term needs of industry and society.

Students who graduate are awarded a Master of Bioresource Science degree.

徳島大学では、2020年度から「社会や経済情勢の変化を先取りし、地域や世界が求める人材養成に主眼を置く教育体制の導入」を理念に、新しい大学院として「創成科学研究科」を設置しました。

「創成科学研究科」は、「地域創成専攻」、「臨床心理学専攻」、「理工学専攻」、「生物資源学専攻」の4つの専攻から構成されます。各専攻の詳細については、以下のとおりです。

創成科学研究科の養成する人材像

中長期的な産業界・社会のニーズをふまえ、最新の基盤技術・基幹技術・先端技術を 理解し、グローバルな視点から技術・産業・社会の諸領域において新たな価値(イノ ベーション)を創成できる高度専門職業人を養成する。

≪地域創成専攻≫

人文・社会・人間科学分野における高度な専門知識と関連領域における幅広い知識を踏まえ、総合的かつグローバルな視点に基づき、地域の諸アクターと協働しながら、地域課題の解決と、持続可能な地域社会の創成に主体的に貢献できる実践人材を養成します。

なお、本専攻修了者には「修士(学術)」の学位が授与されます。

≪臨床心理学専攻≫

臨床心理学とその関連領域に関する幅広い知識と論理的思考力を備え、心の健康の回復と保持増進の観点から、持続可能な地域社会の構築に貢献できる人材を養成します。

なお, 本専攻修了者には「修士(臨床心理学)」の学位が授与されます。

≪理工学専攻≫

本専攻には、「数理科学コース」、「自然科学コース」、「社会基盤デザインコース」、「機械科学コース」、「応用化学システムコース」、「電気電子システムコース」、「知能情報システムコース」、「光システムコース」の8コースを置き、最新の基盤技術・基幹技術・先端技術を理解し、グローバルな視点から科学・技術・産業・社会の諸領域において新たな価値を創成できる人材を養成します。

なお、数理科学コース、自然科学コースにおいては、「修士(理学)」の学位が授与されます。社会基盤デザインコース、機械科学コース、応用化学システムコース、電気電子システムコース、知能情報システムコース及び光システムコースにおいては「修士(工学)」の学位が授与されます。

≪生物資源学専攻≫

本専攻には、「応用生命科学コース」、「食料生物科学コース」、「生物生産科学コース」の3コースを置き、生物資源の生産・利用に関わる生命現象や生命科学関連技術を理解し、中長期的な産業界・社会のニーズを踏まえてグローバルかつ複合的な視点から科学・技術・産業・社会の諸領域において新たな価値を創成できる高度専門職業人を養成します。

なお、「修士(生物資源学)」の学位が授与されます。

Graduate School of Medical Sciences (医科学教育部)

【The name will be changed to Graduate School of Medicine in April 2022.】 【2022 年度 4 月より医学研究科に名称変更予定】

(URL:https://www.tokushima-u.ac.jp/med/english/graduate/medical/)

The Graduate School of Medical Sciences has a 4-year doctoral and a 2-year master program of medicine consisting of the Faculty of Medicine, and Institute of Advanced Medical Sciences. There is an extensive cultural exchange not only between the divisions, but also among graduate schools at home and abroad.

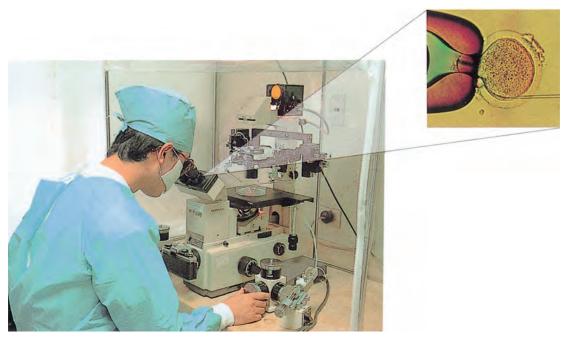
Since the task of the Graduate School is to foster "researchers with creativity who are independent to instruct others", students will have elaborate daily lives seeking to become "professional researchers competing their research towards the world".

This is the reason why personnel are consolidated and research facilities and the library are fully equipped. Many doctors playing an important role in the society at home and abroad are being bred.

大学院医科学教育部は、医学科の全講座と先端酵素学研究所で構成され、医学博士課程(4年)と医科学修士課程(2年)を有しています。研究に講座の垣根はなく、全ての講座・部門間はもとより内外の大学間に活発な大学院生の交流があります。

一方大学院の役目は"独創的な研究を行い,かつ,人の研究も指導できる自立した研究者"の育成ですので,院生の生活は必然的に研究一途の"世界相手に研究競争を行うプロの研究者"としての毎日になるでしょう。

そのための指導者陣もますます充実し、研究施設や図書館も完備されています。優れた研究業績が次々と発表され、 内外で活躍する医学者が育っています。



Subzonal insemination

Graduate School of Nutrition and Bioscience (栄養生命科学教育部)

【The name will be changed to Graduate School of Medical Nutrition in April 2022.】 【2022 年度 4 月より医科栄養学研究科に名称変更予定】

(URL:https://www.tokushima-u.ac.jp/med/english/graduate/nutrition/)

In view of the growing importance of nutrition in promoting health and preventing diseases, the Japanese Ministry of Education and Ministry of Health and Welfare jointly decided to establish an academic center for education and research in nutritional science in the national university system. In 1964, Tokushima University was chosen to be the site for the new School of Nutrition. In 1969, the postgraduate course (2 years' master) was initiated and, in 1971, expanded by the addition of a three-year doctoral course, to establish a comprehensive Graduate School of Nutrition and Bioscience as it now stands.

The Graduate School of Nutrition and Biosciences consists of 4 subdivisions (Human Nutritional Science, Food Material and Function, Nutritional Neurology and Psychiatry and Space Nutrition) and 13 departments (Applied Nutrition, Nutritional Physiology, Food Science, Metabolic Nutrition Science, Preventive Environment Nutrition, Clinical Nutrition and Food Management, Public Health and Applied Nutrition, Therapeutic Nutrition, Material Application, Functional Design Production Science, Treatment Nutrition Research, Space Nutrition, Nutritional Chemistry).

The Graduate School is now recognized as the leading institution for education and research in nutritional science in Japan, and has been contributing greatly to achieving its initial purpose by preparing graduates to work in other universities, research institutes and nutrition-related companies and by exchanging students and many researchers worldwide.

大学院栄養生命科学教育部は、人間栄養科学専攻の大学院で、博士前期課程(2年)を修了すれば修士、さらに博士後期課程(3年)を修了すれば、博士の学位が与えられます。

この教育部は基幹講座の人間栄養科学講座と連携講座の機能素材開発学講座,精神・神経栄養学講座および宇宙栄養学講座の4講座13分野(応用栄養学,生体栄養学,食品機能学,代謝栄養学,予防環境栄養学,臨床食管理学,実践栄養学,疾患治療栄養学,素材応用学,機能設計生産学,治療栄養学研究,宇宙栄養学,栄養化学)で構成されています。

栄養生命科学教育部に入学する者は、これらのいずれかの研究室(分野)でそれぞれの分野の研究課題に取り組んで研究することとなります。

栄養生命科学教育部では、医学・歯学・薬学ならびに食品素材の応用開発研究を担当する国立研究開発法人農業・食品産業技術総合研究機構食品総合研究所と連携し、研究成果を通じた社会貢献により栄養学の発展に寄与するとともに、総合医療を理解した高度な専門知識を備えた職業人として医療機関や地域社会・産業分野で活躍できる人材の育成を担っております。

さらに、世界各国からの留学生や研究者の往来も盛んに行われ、栄養学の分野では一つの国際的研究センターとして更なる発展を続けています。



Measurement of basal metabolic rate (BMR). BMR is used to determine the energy requirement of humans.

Graduate School of Health Sciences (保健科学教育部)

【The name will be changed to Graduate School of Health Sciences in April 2022.】 【2022 年度 4 月より保健科学研究科に名称変更予定】

(URL:https://www.tokushima-u.ac.jp/med/english/graduate/health_sciences/)

Graduate School of Health Sciences has 2-year masters and 3-year doctoral programs of the highest quality in Nursing Sciences, Biomedical Information Sciences and Medical Laboratory Sciences. Candidate for master's and doctor's degrees will be required to undertake a research program and submit a thesis for the final examination, in addition to course work. The thesis should embody the results of an investigation carried out by the candidate under supervision, which shows independence of thought and demonstrates the candidate's ability to carry out research in each field. In master course, degree offered from the graduate school is "Master of Nursing Sciences" or "Master of Health Sciences". In doctoral course, "Doctor of Philosophy in Health Sciences" will be offered.

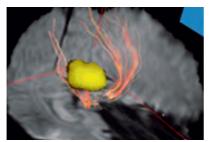
We welcome applications from students with backgrounds in Nursing Sciences, Biomedical Information Sciences and Medical Laboratory Sciences who aspire to obtain advanced skills and pursue original research in each of the above fields.

大学院保健科学教育部は、看護学、医用情報科学および医用検査学の3領域からなる2年間の博士前期課程と、さらに生涯健康支援学、医用情報科学および医用検査学の3領域からなる3年間の博士後期課程があります。博士前期課程において、修士の学位を取得するためには講義、演習に加えて特別研究を実施し、最終試験として修士論文を提出する必要があります。修士論文は研究指導教員の指導の下に修士学生により実施された研究の結果を具体化したもので、独創性があり、修士学生が各々の領域で研究を実行できる能力を有していることを示すものであることが必要です。修士(看護学)または修士(保健学)のいずれかの学位が授与されます。博士後期課程は3領域4分野で構成されています。課程を修了し、申請した研究論文が審査に受かれば博士(保健学)の学位が授与されます。

看護学, 医用情報科学ならびに医用検査学に関するバックグラウンドを持ち, さらに上記の領域の高度の技術を習得し, 独創性のある研究をすることを熱望する学生の応募を歓迎いたします。



Nursing graduate students taking part in a course in methodology of nursing research



Tractography using magnetic resonance imaging examination. Disruption of neuronal fiber caused by infarction (yellow) can be observed clearly Oocyte manipulation under a dissecting microscope



Oocyte manipulation under a dissecting microscope

Graduate School of Oral Sciences (口腔科学教育部)

【The name will be changed to Graduate School of Oral Sciences in April 2022.】 【2022 年度 4 月より口腔科学研究科に名称変更予定】

(URL:https://www.tokushima-u.ac.jp/dent/english/)

The objective of the educational programs in our Graduate School of Oral Sciences is to bring up international investigators in Dental Science who have highly creative research minds and technological skills.

The Doctor Course of Oral Sciences (4-year programs) is composed of 20 departments. Degrees offered from the graduate school are "Doctor of Philosophy".

The Master's Course of Oral Health Science (2-year programs) and Doctor's Course of Oral Health Science (3-year programs) are composed of 6 departments. Degrees offered from the graduate school are "Master of Oral Health Science", "Doctor of Oral Health Science" or "Doctor of Philosophy". Rapid growth of the aged in Japan will bring a profound effect on this population who will suffer from a variety of diseases in the 21st century. Thus, the responsibility in dental science will be increasingly required to maintain oral health care in quality of life (QOL).

The Graduate School of Oral Sciences is to make progress and advance in basic and clinical dentistry, and to make efforts to train special scientists who are able to play worldwide roles in the various fields of Dental Science in the near future. Outstanding directors and excellent facilities make possible through research in Dental Science in our Graduate School of Oral Sciences.

大学院口腔科学教育部においては、歯科医学に関する独創 的かつ高度な研究業績と専門知識を有する研究者の育成を 目的としています。

口腔科学専攻博士課程(4年制)は20分野で構成される 大学院で、所定の単位を修得し、研究論文が審査に合格すれ ば博士(歯学)または博士(学術)の学位が授与されます。 口腔保健学専攻博士前期課程(2年制)と博士後期課程(3 年制)はいずれも6分野で構成される大学院で、所定の単位 を修得し、研究論文が審査に合格すればそれぞれ修士(口腔 保健学)、博士(口腔保健学)または博士(学術)の学位が 授与されます。

急速に高齢化する我国の 21 世紀においては有病者人口の増加が予測されています。従って、国民の口腔健康における QOL を維持するために歯科医学の果たすべき役割は益々重要となっています。

口腔科学教育部では臨床および基礎歯学の進歩・発展を目指し、歯科医学の各分野において活躍できる専門家の育成に努めています。優れた研究指導者と充実した施設による研究活動が可能となっています。



Department of Molecular Biology



Department of Stomatognathic Function and Occlusal Reconstruction

Graduate School of Pharmaceutical Sciences (薬科学教育部)

【The name will be changed to Graduate School of Pharmaceutical Sciences in April 2022.】 【2022 年度 4 月より薬学研究科に名称変更予定】

(URL:https://www.tokushima-u.ac.jp/ph/english/)

The Graduate School of Pharmaceutical Sciences trains professionals with capabilities in various fields of pharmaceutics, which we named "Interactive YAKUGAGUJIN". Its philosophy is to contribute to the progress in medicine through pharmaceuticals and to promote the welfare and health of humanity.

The Graduate School of Pharmaceutical Sciences offers two specialized fields of study. The two-year Master's and three-year doctoral programs in the Course of Pharmaceutical Sciences aim to develop researchers and educators in the fields of drug discovery, development, and manufacture who have abilities and skills to meet today's diverse medical needs and to be successful throughout the world. The four-year doctoral program in the Course of Pharmacy aims to educate leading pharmacists and clinical pharmacists who have a broad knowledge of medicine and high ethical standards, with the practical research ability to support the cutting-edge drug therapy.

Both courses are designed to promote the systematic knowledge and the ability to carry out research in related fields through the unique curriculums and supervising by academic advisors. The goal of these programs is to develop competent professionals with both interdisciplinary skills and high expertise.

大学院薬科学教育部は、多様な薬学領域の様々な分野に対応可能な人材「インタラクティブ YAKUGAKUJIN」の育成を行い、薬を通じた医療の進歩と人類の福祉および健康の増進に寄与することを理念としています。

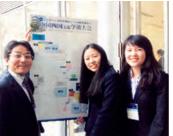
薬科学教育部は、生命科学を基盤とする創薬の分野において、多様化した医療ニーズに対応し、国際的に活躍しうる創薬・育薬・製薬の研究者・教育者の養成を目指した創薬科学専攻(博士前期課程(2年)+博士後期課程(3年))と、医療における幅広い知識と倫理観を持ち、最先端の薬物治療を支える研究実践能力を備えた指導的薬剤師

や臨床薬剤師の養成を目指した薬学専攻(博士課程(4年))の2専攻から構成されています。

両専攻とも体系的な知識修得と関連分野への研究展開能力の向上を目的として,複数指導教員による研究指導体制や特徴のあるカリキュラム編成により、学際性を保ちつつ専門性を深化させた有為な人材の育成を行っています。











Our international students with their supervisors and laboratory members

We welcome students who are aspiring to study pharmaceutical sciences!

Integrated Interdisciplinary Health Care Graduate Program in English

(統合医療学際教育英語プログラム)

◆ Program Overview ◆

This program is the English special graduate program offered by the integrated graduate schools of the Institute of Biomedical Sciences. These include the Graduate Schools of Medical Sciences, Oral Sciences, Pharmaceutical Sciences, Nutrition and Biosciences, Health Sciences and institute of Advanced Medical Sciences. All these graduate schools and institute are located at the Kuramoto Campus, one of the Japanese centers of excellence in bioscience research.

Conceived as an interdisciplinary program, it is intended to the graduate students from both developing and developed countries and aimed at developing the capacity of students for research and education. The program is also aimed at equipping the future leaders with multiple professional skills including vision development, strategic thinking, communication skills and partnership building. Finally, it is expected that students of this program acquire enough interdisciplinary knowledge to develop high expertise to tackle both local and global health problems of the 21st century.

◆ The program goal ◆

The main goal of the present program is to train talented students as specialists in various disciplines of biomedical sciences and enhance their capacity to serve as researchers, educators and managers not only their own countries but also in the international community.

The objectives of the program are:

1 To contribute to the international society by developing the capacity of future leaders of health care and biomedical sciences.

The core curriculum titled "International Communication Studies" is aimed at developing the students know-how in their respective fields and at strengthening their linguistic competence. The curriculum also includes the "International Cooperation Studies". Some subjects are taught by an expatriate teacher and the program encourages the enrollment of Japanese students to enhance their international communication competence.

2 To train multi-competent specialists

The multi-disciplinary core curriculum offers subjects of common interests to all graduate schools. Being completely taught in English, it is expected to produce specialists with high capacity and international competitiveness in research, education, and health care management.

3 To make students benefit from the unique features of the course

We offer an integrated interdisciplinary medical research program centered on "Food", especially functional nutritional research, food safety evaluation, preventive medicine, and oral care management. The program also features fields of herbal medicine and traditional Chinese medicine.

◆概 要◆

健康生命科学諸領域を結集した統合生命科学系大学院における英語特別プログラムである。本プログラムでは、医学・歯学・薬学・栄養・保健学を統合した医療分野における学際的領域の教育と研究を中心テーマとして、発展途上国及び先進諸国から若い人材を招き、これらの領域における21世紀における課題についての教育を行い、かつ先進的研究を指導することにより、国際的な立場で活躍できる教育・研究者及び行政の専門家を養成することを目的とする。医・歯学から薬学、栄養学、保健学とともに疾患酵素学並びに疾患プロテオゲノム研究に及ぶバイオメディカルサイエンス分野の幅広い研究者が形成する研究拠点における高度な専門教育と共に、専門分野横断的かつ学際的な共通科目を受講することにより、広い視野を持つ国際的医療人を育成する。

◆目 的◆

本プログラムは、バイオメディカルサイエンスに関わる学際領域を含めた幅広い視野と、世界の最先端レベルの専門分野における学識を備えた修了生が、各専門分野での教育・研究者及び行政の専門家として出身国のみならず、国際的な協力機関で活躍することを目的とする。

1 国際社会貢献および指導者育成

医学, 歯学, 薬学, 栄養学及び保健学の全専攻系に共通するコアカリキュラム科目「国際コミュニケーション学」 を設けて、発信型言語能力の開発・強化を目指すとともに、国際協力学の授業を実施。

これらのコアカリキュラム科目は、外国人教員による授業担当を積極的に導入し、日本人学生にも履修の機会を与えることにより、日本人学生のグローバルリテラシーの強化を図るとともに、国際社会に対する貢献に指導的役割を果たす人材を育成する。

2 専門家の養成

医科学・口腔科学(博士課程:4年)・薬科学・栄養生命科学・保健科学(博士後期課程:3年)の各教育部における専門教育共通コアカリキュラム科目を設定し、英語での高度な専門分野、先進的な研究分野の研究能力を育成して、国際競争力のある教育・研究者及び行政の専門家を養成する。

3 特色あるプログラム

学際的教育研究領域として「食」を中心とした統合医療研究,とくに食品機能研究,食品の安全性評価と疾病予防,口腔機能管理学,さらに生薬学,漢方医学に及ぶ特色ある教育プログラムを提供する。

An Introduction to the Global Double-Degree Program (国際連携大学院)

The Global Double-Degree Program was launched in the Graduate School of Advanced Technology and Science and Graduate Schools of Sciences and Technology for Innovation, Division of Science and Technology. In this program, students can pursue double degrees organized between Tokushima University and international partner institutions; Korea Maritime and Ocean University and Dong-Eui University in Korea; Tongji University, Xi'an Jiaotong University, Dalian University of Technology and Nantong University in China; INSA Toulouse in France; Southern Taiwan University of Science and Technology and National Taiwan University of Science and Technology in Taiwan; Universiti Teknikal Malaysia Melaka in Malaysia; Federal University of Technology-Paraná in Brazil; Florida Atlantic University in USA. This program aims to train students to become specialized engineers/researchers who can actively work in an international environment using in-depth research training skills.

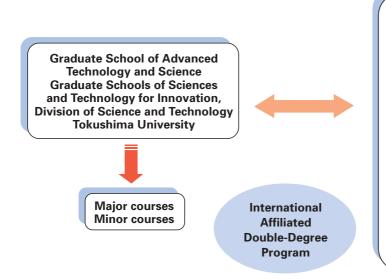
We hope to foster a type of engineer/researcher who has a broad knowledge, in addition to his/her major, and the ability to think flexibly while acquiring two degrees, one from Tokushima University and one from an overseas partner institution.

As a part of the global Double-Degree Program, a short spring school and summer school course are organise every year in March and August respectively. The Global Double-Degree Program, spring school and summer school lectures are taught in English.

大学院先端技術科学教育部及び創成科学研究科理工学専攻は韓国海洋大学校(韓国), 東義大学校(韓国), 同済大学(中国), 西安交通大学(中国), 大連理工大学(中国), 南通大学(中国), トゥールーズ工科大学(フランス), 南台科技大学(台湾), 国立台湾科技大学(台湾), マレーシアマラッカ技術大学(マレーシア), パラナ連邦工科大学(ブラジル)及びフロリダアトランテイック大学(アメリカ)の大学と共同して学位の取得を目指すグローバル大学院工学教育プログラムを実施しています。この教育プログラムでは、学生が本学および上記いずれかの大学に在籍し、最先端の科学技術を学びます。これにより、国際的に活躍する高度な技術者・研究者の養成を目指します。

グローバル大学院工学教育プログラムとは、関係する各外国大学と連携し、既存の主専攻分野のカリキュラムを横断的に組み直したものです。主専攻以外の分野の科目を体系的に履修させ、幅広い知識と柔軟な思考能力をもった人材を育成するメジャー・マイナー履修制度による複数学位(ダブル・ディグリー)の取得を目標としています。

短期集中コースを実施しており、毎年8月にサマースクールと3月にスプリングスクールを開講しています。これらのいずれのコースも英語で授業を行います。



Partner Institutions

- Korea Maritime and Ocean University
- Dong-Eui University
- Tongji University
- · Xi'an Jiaotong University
- · Dalian University of Technology
- Nantong University
- · INSA Toulouse
- Southern Taiwan University of Science and Technology
- National Taiwan University of Science and Technology
- · Universiti Teknikal Malaysia Melaka
- Federal University of Technology-Parana in Brazil
- · Florida Atlantic University in ÚSA

Center for International Research & Educational Cooperation

(国際連携教育研究センター)

What is the CIREC?

Center for International Research & Educational Cooperation (CIREC) at Tokushima University is devoted to promoting scholastic, personal, and professional excellence among graduate students in Engineering.

The planning, specific day-to-day program, and administrative support required for Global Double Degree Program (DDP) are provided by the CIREC in association with partner universities from China, France, Korea, Taiwan, Malaysia, USA and Brazil. The CIREC promotes DDP program through international collaboration and cooperation on mutual agreement between Tokushima University and its partner universities.

国際連携教育研究センターは、徳島大学大学院先端技術科学教育部及び創成科学研究科理工学専攻と中国、フラン ス、韓国、台湾、マレーシア、アメリカ及びブラジルの連携大学大学院との間で複数の学位を取得できるダブルディ グリープログラムの運営などを行なっています。

国際連携担当教職員が在籍し、留学生受入支援及び本学学生の海外派遣支援など、様々な国際交流プログラム推進 の支援をしています。

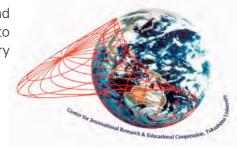
Summer School and Spring School

Every year, CIREC organizes a short term Summer School and Spring School program in Tokushima University. The main aims are to provide the platform to graduate students involved in interdisciplinary research and to develop collaborative partnership in different areas.

There are 3 courses;

Nanotechnology and Materials Science Engineering Course Electrical and Electronic Engineering Course

Civil and Environment Engineering Course



CIREC invites students and researchers from overseas partner universities to participate in summer school and spring school.

> After completion of these programs, student can gain academic credit points.

> However, these credit points for Summer School are recognized depends on each participant's university and Master/Ph.D program graduate students in Tokushima University.

> 2週間程度, 国際連携教育研究センターは, サマースクール及びスプ リングスクールを開催し、様々な分野の大学院生の国際的な交流の機会 の提供及び本学の国際交流を活性化にも貢献しています。

コースは、例年以下の3コースを開講しています。 Nanotechnology and Materials Science Engineering Course Electrical and Electronic Engineering Course

Civil and Environment Engineering Course

授業は、外国連携大学からも講師を招いて開講します。

本学学生と海外からの学生が英語による授業を受講し、日本文化体験 等に一緒に参加する事ができます。

本学の大学院生は、規定を満たした場合、「グローバルコミュニケー ションB」(1単位)が取得可能です。





Group photo and poster presentation

Institute of Advanced Medical Sciences (先端酵素学研究所)

(URL: http://www.iams.tokushima-u.ac.jp/about/)

The Institute of Advanced Medical Sciences (IAMS) was established in 2016 by reorganizing the Institute for Enzyme Research and the Institute for Genome Research, and by annexing the Fujii Memorial Institute of Medical Sciences and Diabetes Therapeutics and Research Center. It has been also certified as Joint Usage / Research Center in the Ministry of Education, Culture, Sports, Science, and Technology.

IAMS consists of 3 main divisions and 17 laboratories: The "Basic Research Division" aims to elucidate the pathophysiology and apply medical applications based on the leading research results as the only enzyme research base in Japan. The "Priority Research Division" aims to create and lead new academic fields by grasping lifestyle-related diseases such as diabetes, which is a typical disease of Tokushima Prefecture, as well as cancer and immune diseases with a common underlying pathology of "chronic inflammation". "Technology Development Support Team" strongly supports individual research activities and research collaborations. We promote cutting-edge medical science research in these divisions, aiming to realize a healthy and long-lived society. IAMS is also firmly committed to the education at graduate and undergraduate schools at Tokushima University to foster young researchers who will lead the next generation. We welcome ambitious undergraduate, master and doctoral students worldwide.

先端酵素学研究所は、2016年に疾患酵素学研究センターと疾患プロテオゲノム研究センターを統合し、藤井節郎記念医科学センターと糖尿病臨床・研究開発センターを附属施設として設立されました。また、文部科学省から全国共同利用・共同研究拠点の認定を受けている学内外へ開かれた研究施設です。現在3つの部門を擁しており、我が国唯一の酵素学研究拠点としての先導的成果を基盤に病態解明と医療応用を目指す「基幹研究部門」、糖尿病・がん・免疫疾患等を"慢性炎症"という共通基盤病態で捉え、新たな学術領域の創出と牽引を目指す「重点研究部門」、個々の研究活動と拠点形成を強力にサポートする「技術開発支援部門」の3部門17研究分野にて最先端の医科学研究を展開し、健康長寿社会の実現を目指しています。同時に、次世代を担う若手研究者の育成を目的として大学院・学部教育にも力を入れており、国際的視野を有した意欲ある学部学生・修士/博士課程学生の参加を歓迎しています。

Institute of Advanced Medical Sciences 2021 Organization overview

Basic Research Division

Division of Molecular Neurobiology
Division of Protein Expression
Division of Cell Signaling
Division of Embryology
Division of Molecular Endocrinology
Division of Diabetes Therapeutics
Division of Molecular Life Science

Priority Research Division

Division of Molecular Immunology
Division of Pathology and Metabolism for Infectious
Disease and Host Defense
Division of Genome Medicine
Division of Molecular Biology
Division of Molecular Medicine
Division of Experimental Immunology
Division of Immunology and Parasitology
Division of Oral Molecular Pathology
New Division (coming soon!)

Technical Support Team

Genomics, Transcriptomics research support Proteomics research support Genome editing research support Drug discovery research support Liaison office

Fujii Memorial Institute of Medical Sciences Diabetes Therapeutics and Research Center

Top: IAMS member's photo Bottom: Journal seminar & progress meeting





University Library (附属図書館)

(URL:https://www.lib.tokushima-u.ac.jp/)

The University Library consists of the main library on the Josanjima Campus and Life Sciences Library on the Kuramoto Campus. It does the service in order to support education and research.

- 1 Every year, we purchase about 6,000 books (includes electronic books) at both libraries. There are a lot of books to study Japanese and the Japanese culture, too.
- 2 You can borrow ten books in the reading room for two weeks.
- 3 We have online catalog freely available on our website.
- 4 There are many computers by which you can access the Internet and write papers.
- 5 The latest articles can be searched by using the databases such as Scopus and SciFinder-n. Moreover, about 78,000 kinds of electronic journals can be used.
- 6 When the book and the journal you are looking for are not in the library, you can obtain photocopies or borrow from other libraries.
- 7 The latest information is posted on our official SNS so please follow it.
- 8 Please feel free to call on staff members at anytime.
- O Library hours The library opens for the semester period every day.

| Semester period | | University Va | cations period | | |
|-----------------|--------------|---------------|--------------------------|--------------|---------------|
| | Mon-Fri. | Sat. | Sun./National Holiday | MonFri. | Sat |
| Main | 8:30 ~ 22:00 | 10:00 ~ 17:00 | 10:00 ~ 17:00 | 8:30 ~ 17:00 | 10:00 ~ 17:00 |
| Life Sciences | 8:30 ~ 21:00 | 10:00 ~ 17:00 | 10:00 ~ 17:00 | 8:30 ~ 17:00 | 10:00 ~ 17:00 |

O Closed days

Sundays and National holidays in University Vacations period, Consecutive holidays of May, During campus holidays in August, The end and the beginning of the year (Dec. 28 - Jan. 4), the second Friday morning of each month at main Library (Please check our calendar for exceptions.)

常三島キャンパスに本館, 蔵本キャンパスに蔵本分館があり, 教育・研究を支援するためのサービスを行っています。

- 1 本分館合わせて毎年約6,000 冊 (電子書籍を含む)の図書を新しく書架に並べています。日本語や日本文化を勉強するための本もたくさんあります。
- 2 閲覧室にある図書は10冊14日間借りられます。
- 3 図書・雑誌の所蔵検索 (OPAC) は図書館ホームページから 24 時間利用できます。
- 4 館内にはインターネットにアクセスしたり、論文を作成したり できるパソコンが多数あります。
- 5 Scopus, SciFinder-n 等の文献データベースを利用して、最新学 術論文の検索ができます。また、約 78,000 種の電子ジャーナルが利用できます。
- 6 本学にない図書や雑誌が必要な場合は、コピーや他機関からの取寄せが利用できます。
- 7 図書館の最新情報を SNS で発信しています。ぜひフォローしてください。
- 8 資料や論文の入手方法など、職員に相談してください。

◎開館時間……授業期間中は毎日開館しています。

| | 授業期 | | 休美 | | |
|----|------------|-------------|-------------|------------|-------------|
| | 月~金 | 土 | 日・祝 | 月~金 | 土 |
| 本館 | 8:30~22:00 | 10:00~17:00 | 10:00~17:00 | 8:30~17:00 | 10:00~17:00 |
| 分館 | 8:30~21:00 | 10:00~17:00 | 10:00~17:00 | 8:30~17:00 | 10:00~17:00 |

◎休館日

学生休業期間中の日曜・祝日,5月の連休,8月の徳島大学夏季一斉休業日,年末年始(12月28日~1月4日),本館蔵書整理日(毎月第2金曜日の午前中。例外があるので,開館カレンダーを確認してください)



International Office (インターナショナルオフィス)

Research Center for Higher Education, Division of Academic Learning Support, Section of International Education (高等教育センター 学修支援部門 国際教育推進班)

(URL: https://www.isc.tokushima-u.ac.jp/english/)

International Office has been conducting the following activities to foster university-wide internationalization and provide global education for Tokushima University students.

(1) Support and Education for International Students

- 1) To provide advice and support for their academic and daily life
- ② To offer guidance to new international students and support job hunting in Japan
- ③ To provide Japanese language programs (intensive and supplementary classes) and English programs for international students
- To host cultural exchange activities, such as Global Lunch and multi-cultural exchange events, to promote interaction with Japanese students
- (5) To organize educational tours in and out of Tokushima Prefecture to foster their understanding about Japan and Japanese society
- **(6)** To organize Summer Program and accept foreign students learning Japanese language

(2) Support to Promote Internationalization of the University

- 1 To enhance relationship with its partner universities
- ② To establish and manage international alumni associations
- 3 To support the pre-arrival admission support system
- 4 To recruit international students both in and out of Japan

(3) Support to Promote Study Abroad for Japanese Students

- 1 To offer various support to promote study abroad
- ② To organize short-term programs and cultural exchange programs and support other Faculties to promote their study abroad programs
- 3 To support English learning for Japanese students planning to study abroad

インターナショナルオフィス(高等教育センター・学修支援部門・国際教育推進班)は、 徳島大学全体の国際化に関する仕事とグローバル教育を行っています。

(1) 外国人留学生のための支援と教育

- ① 外国人留学生の学修や生活への助言と 支援を行います。
- ② 新入生のためのガイダンスや就職支援を行います。
- ③ 日本語の授業(集中コースや補修クラス)や留学生のための英語クラスを開講しています。
- ④ 外国人留学生同士,また日本人学生と の交流の場として,グローバルランチや 多文化交流会などを開いています。
- ⑤ 日本文化を学ぶため、県内外への旅行 を企画しています。
- ⑥ サマープログラムを行ったり、日本語 を学習する海外からの留学生を受け入れ たりしています。

(2) 大学の国際化支援

- ① 海外学術協定校との連絡や交流を行っています。
- ② 海外同窓会を作り、運営をしています。
- ③ 渡日前入学許可制度をサポートしてい
- ④ 国内外から留学生をリクルートしています。

(3) 日本人学生の海外留学支援

- ① 日本人学生が海外に留学するための 様々な支援をしています。
- ② 短期留学プログラムや文化体験プログラムを企画したり、学部の留学プログラムのサポートを行っています。
- ③ 海外留学を計画している日本人学生へ の英語学習のサポートをしています。

International House (留学生宿舎)

(URL:https://www.isc.tokushima-u.ac.jp/english/02_admissions/05_housing_in_tokushima/)

The International House of Tokushima University was established to contribute to the promotion of International exchange by providing foreign students and researchers with accommodation.

OUTLINE

Name Tokushima University International House

Address 9-1 Aza Hacchono Higashi, Takabo, Kitajima-cho, Itano-gun, Tokushima-ken 771-0206

Opened April 1, 1995

Capacity 32 Single Rooms (32 persons)

15 Couple Rooms (30 persons)

3 Family Rooms (12 persons)

Name The International House of NICHIA-KAIKAN of Tokushima University

Address 2-24, Shinkura-cho, Tokushima 770-8501

Opened April 1, 2006

Capacity 30 Single Rooms (30 persons)

Name Tokushima University Kuramoto Dormitory Address 2-50-1, Kuramoto-cho, Tokushima 770-0042

Opened October 1, 2020

Capacity 19 Single Rooms (19 persons)

Application must be submitted in January or in July to the International Affairs Division.

徳島大学留学生宿舎は、外国人留学生及び外国人研究者に宿舎を提供するとともに、国際交流に役立てることを目的として設置されました。

概 要

名 称 徳島大学国際交流会館

所 在 地 〒771 - 0206 徳島県板野郡北島町高房字八丁野東 9 - 1

開館 平成7年4月1日 収容定員 単身室32室32名 夫婦室15室30名

天婦室 15 室 30 名 家族室 3 室 12 名

名 称 徳島大学日亜会館留学生宿舎

所 在 地 〒770-8501 徳島市新蔵町2-24

開 館 平成 18 年 4 月 1 日 収容定員 単身室 30 室 30 名

名 称 徳島大学蔵本宿舎

所 在 地 〒 770 - 0042 徳島市蔵本町 2 - 50 - 1

開 館 令和2年10月1日 収容定員 単身室19室19名

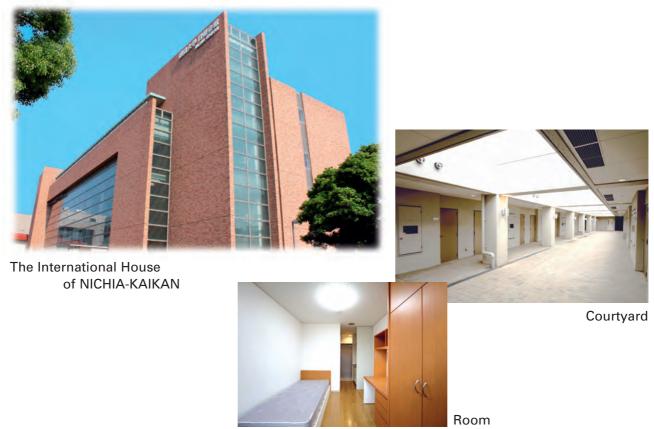
募集時期 原則として1月,7月の年2回です。

入居申込み 国際課へ申し込んで下さい。

Tokushima University International House



The International House of NICHIA-KAIKAN of Tokushima University



International Exchange Agreements (University-Wide) 学術交流協定締結校(大学間協定)

令和3年5月1日現在 As of May 1, 2021

| | | | | of May 1, 2021 |
|----|---|-------------------------|-------------------------|----------------------------|
| | 協 定 校 名 Partner Institution | 国・地域名 Country/Region | 締結年月日 Date Concluded | 授業料不徴収* Tuition Waiver* |
| 1 | オークランド大学 The University of Auckland | ニュージーランド New Zealand | 1988.10.27 | _ |
| 2 | 哈爾濱工業大学 | 中国 | 1989.11.8 | 0 |
| 3 | Harbin Institute of Technology 武漢大学 | China 中国 | 1995.10.9 | 0 |
| | Wuhan University フロリダアトランティック大学 | China アメリカ合衆国 | | |
| 4 | Florida Atlantic University ガジャマダ大学 | USA インドネシア | 1995.3.31 | 0 |
| 5 | Gadjah Mada University | Indonesia | 1996.8.22 | 0 |
| 6 | 慶北大学 Kyungpook National University | 韓国 Korea | 1998.10.28 | 0 |
| 7 | 韓国海洋大学 Korea Maritime and Ocean University | 韓国 Korea | 2001.5.9 | 0 |
| 8 | テキサス大学ヒューストンヘルスサイエンスセンター The University of Texas, Health Science Center at Houston | アメリカ合衆国 USA | 2002.11.27 | _ |
| 9 | 吉林大学 | 中国 | 2002.7.2 | 0 |
| 10 | Jilin University 西安交通大学 | China 中国 | 2003.8.25 | 0 |
| 11 | Xi'an Jiaotong University バーゼル大学 | China スイス | | _ |
| - | University of Basel 南通大学 | Switzerland 中国 | 2005.12.20 | |
| 12 | Nantong University | China | 2005.9.5 | _ |
| 13 | 北京郵電大学 Beijing University of Posts and Telecommunications | 中国 China | 2006.4.4 | _ |
| 14 | モンゴル国立医科大学 Mongolian National University of Medical Sciences | モンゴル Mongolia | 2007.10.5 | (医・歯・薬) |
| 15 | ゴンダール大学 University of Gondar | エチオピア Ethiopia | 2007.6.28 | 0 |
| 16 | 南京大学 Nanjing University | 中国 China | 2008.10.21 | 0 |
| 17 | 同済大学 | 中国 | 2008.2.12 | 0 |
| 18 | Tongji University マレーシアサインズ大学 | China マレーシア | 2009.12.7 | _ |
| _ | Universiti Sains Malaysia ハノーバー医科大学 | Malaysia ドイツ | | |
| 19 | Hannover Medical School モナシュ大学 | Germany オーストラリア | 2009.3.15 | 0 |
| 20 | Monash University | Australia | 2009.7.22 | _ |
| 21 | ソウル国立大学 Seoul National University | 韓国 Korea | 2011.10.25 | _ |
| 22 | サビトリバイ プーレ プネ大学 Savitribai Phule Pune University | インド India | 2013.11.21 | 0 |
| 23 | マレーシア工科大学 Universiti Teknologi Malaysia | マレーシア Malaysia | 2013.12.13 | 0 |
| 24 | マレーシア国民大学 Universiti Kebangsaan Malaysia | マレーシア Malaysia | 2014.3.3 | _ |
| 25 | 四川大学 | 中国 | 2014.4.20 | 0 |
| 26 | Sichuan University マラヤ大学 | China マレーシア | 2014.4.30 | 0 |
| 27 | University of Malaya 国立台湾科技大学 | Malaysia 台湾 | 2014.6.27 | |
| - | National Taiwan University of Science and Technology | Taiwan マレーシア | | 0 |
| 28 | マレーシアマラッカ技術大学 Universiti Teknikal Malaysia Melaka | Malaysia | 2014.9.22 | 0 |
| 29 | ムハマディア大学ジョグジャカルタ校 Universitas Muhammadiyah Yogyakarta | インドネシア Indonesia | 2015.6.2 | 〇 (歯) |
| 30 | ドンズー日本語学校 Dong Du Japanese Language School | ベトナム Vietnam | 2016.1.19 | _ |
| 31 | ベトナム国立栄養院 National Institute of Nutrition | ベトナム Vietnam | 2016.3.30 | _ |
| 32 | ベトナム国立農業大学 Vietnam National University of Agriculture | ベトナム Vietnam | 2016.10.30 | 0 |
| 33 | キングモンクット工科大学トンプリー | タイ | 2016.12.2 | 0 |
| 34 | King Mongkut's University of Technology Thonburi ボルドー大学 | Thailand フランス | 2016.12.21 | 0 |
| 35 | University of Bordeaux ダナン大学 | France ベトナム | 2017.3.20 | 0 |
| | The University of Da Nang 南イリノイ大学 | Vietnam アメリカ合衆国 | | _ |
| 36 | Southern Illinois University トリニティウエスタン大学 | USA カナダ | 2017.7.25 | |
| 37 | Trinity Western University | Canada | 2017.7.31 | _ |
| 38 | パラナ連邦工科大学 The Federal University of Paraná | ブラジル Brazil | 2017.8.16 | 0 |
| 39 | ミラノ大学 University of Milan | イタリア Italy | 2017.11.15 | 0 |
| 40 | 時事日本語学院 Sisa Academy Co.,Ltd. | 韓国 Korea | 2018.2.22 | _ |
| 41 | 東国大学 Dongguk University | 韓国 Korea | 2019.4.8 | 0 |
| 42 | 大連理工大学 | 中国 | 2019.12.25 | 0 |
| 43 | Dalian University of Technology テクニオン- イスラエル工科大学 | China イスラエル | 2020.12.22 | 0 |
| | Technion - Israel Institute of Technology | Israel | 2020.12.22 | |

^{*}授業料不徴収は協定/覚書に基づく交換留学生(非正規生)に適用する。
*The tuition waiver is applied to non-degree exchange students who enroll in Tokushima University based on an agreement/MoU.

International Exchange Agreements (Faculty-Level) 学術交流協定締結校(部局間協定)

令和3年5月1日現在 As of May 1, 2021

| | 部局 | 国・地域名 | 協定校名 | | /lay 1, 2021 授業料不徴収* 1 |
|----------|---|---------------------|---|------------|---------------------------|
| | Faculty/Graduate School | Country/Region | Partner Institution | | Tuition Waiver* |
| 1 | | 中国 | 復旦大学国際文化交流学院 International Cultural Exchange School, Fudan University | 2000.8.3 | _ |
| 2 | | China | 寧波大学外国語学院 Faculty of Foreign Language, Ningbo University | 2017.12.18 | 0 |
| 3 | | スウェーデン Sweden | ルンド大学人文神学部 Joint Faculties of Humanities and Theology, Lund University | 2012.4.18 | 0 |
| 4 | | Sweden | 国立嘉義大学人文芸術学院 | 2012.11.1 | 0 |
| 5 | | 台湾 | College of Humanities and Arts, National Chiayi University 育達科技大学人文社会学院 | 2015.5.28 | 0 |
| \vdash | | Taiwan | College of Humanities and Social Sciences, Yu Da University of Science and Technology 開南大学人文社会学院 | | |
| 6 | | ++# | School of Humanities and Social Sciences, Kainan University | 2016.7.29 | 0 |
| 7 | | カナダ Canada | ビショップス大学 Bishop's University | 2013.12.13 | 0 |
| 8 | 総合科学部 | ラトビア | ラトビア生命科学技術大学言語センター Language Center, Latvia University of Life Sciences and Technologies | 2016.3.16 | _ |
| 9 | Faculty of Integrated Arts and Sciences | Latvia | ラトビア大学人文学部 Faculty of Humanities, University of Latvia | 2017.3.13 | 0 |
| 10 | | ベトナム | ベトナム国家大学ハノイ校外国語大学 | 2017.3.20 | 0 |
| 11 | | Vietnam 韓国 | University of Languages and International Studies, Vietnam National University, Hanoi 韓国外国語大学人文学部 | 2017.6.12 | _ |
| 12 | | Korea | College of Humanities, Hankuk University of Foreign Studies ザグレブ大学 人文社会科学部 | 2017.6.12 | 0 |
| \vdash | | クロアチア Croatia | University of Para A フェイス 正常学部 | | |
| 13 | | ベルギー | Zagreb University Centre for Croatian Studies ゲント大学文学哲学部 | 2017.11.9 | 0 |
| 14 | | Belgium | Faculty of Arts and Philosophyollege of Humanities, Ghent University | 2019.4.3 | 0 |
| 15 | | スロベニア Slovenia | リュブリャナ大学文学部 Faculty of Arts, University of Ljubljana | 2020.2.7 | 0 |
| 16 | | アメリカ合衆国 USA | スリバリーロック大学 Slippery Rock University | 2020.3.12 | _ |
| 17 | 医学部 | フィンランド Finland | メトロポリア応用科学大学保健看護学部 Faculty of Health Care and Nursing, Metropolia University of Applied Sciences | 2011.11.8 | 0 |
| 18 | Faculty of Medicine | ネパール Nepal | トリブバン大学医学部 | 2012.12.12 | _ |
| 19 | 医学部 大学院栄養生命科学教育部 | | Institute of Medicine, Tribhuvan University 延世大学 バイオメディカル・エンジニアリング研究部 Versei University Institute of Biomedical Engineering | 2012.8.29 | 0 |
| 20 | Faculty of Medicine, Graduate | 韓国 Korea | tollider of North スペース・バイオサイエンス研究部 | 2012.8.29 | 0 |
| \vdash | School of Nutrition and Bioscience | タイ | Institute of Space Bioscience | | |
| 21 | 医学部 | Thailand | Faculty of Nursing, Prince of Songkla University | 2016.11.25 | 0 |
| 22 | 大学院保健科学教育部 Faculty of Medicine, Graduate | フィリピン | セントポール大学フィリピン St. Paul University Philippines | 2016.12.5 | 0 |
| 23 | School of Health Sciences | Philippines | シリマン大学看護学部 College of Nursing, Silliman University | 2019.5.9 | _ |
| 24 | | 韓国 Korea | 朝鮮大学歯学部 College of Dentistry, Chosun University | 1997.6.13 | _ |
| 25 | | 中国 | 中国医科大学口腔医学院 School of Stomatology, China Medical University | 2008.4.17 | 0 |
| 26 | | China | 上海交诵大学医学院付属第九人民医院 | 2010.6.25 | _ |
| 27 | | フィンランド | Ninth People's Hospital Medical School, Shanghai Jiao Tong University メトロポリア応用科学大学ヘルスプロモーション学科 | 2010.8.16 | 0 |
| \vdash | | Finland | Department of Health Promotion, Metropolia University of Applied Sciences ハントゥアー大学歯学部 | | |
| 28 | | | Faculty of Dentistry, Hang Tuah University | 2012.6.1 | |
| 29 | #₽₩₽₩₽ | / \ | スルタンアグンイスラミック大学歯学部 Faculty of Dentistry, The Sultan Agung Islamic University | 2014.1.8 | _ |
| 30 | 歯学部 Faculty of Dentistry | インドネシア Indonesia | ハサヌディン大学歯学部 Faculty of Dentistry, Hasanuddin University | 2014.4.8 | _ |
| 31 | | | マハサラスワティ・デンパサール大学歯学部 Faculty of Dentistry, Mahasaraswati Denpasar University | 2018.10.3 | _ |
| 32 | | | ウダヤナ大学 Udayana University | 2018.10.25 | _ |
| 33 | | チリ Chile | フィニステラーエ大学歯学部 Faculty of Dentistry, The Finis Terrae University | 2013.11.15 | _ |
| 34 | | Crine | スリハサナンバ歯科大学 Sri Hasanamba Dental College | 2019.2.4 | 0 |
| 35 | | インド | マニパール歯科大学 | 2019.7.10 | 0 |
| 36 | | India | Manipal College of Dental Sciences, Mangalore SRM 歯科大学 | 2019.9.17 | 0 |
| \vdash | | アメリカ合衆国 | SRM Dental College ノースカロライナ大学チャペルヒル校エシェルマン薬学部 | | |
| 37 | | USA | Eshelman School of Pharmacy, The University of North Carolina at Chapel Hill 大理大学薬学化学院 | 2009.1.27 | 0 |
| 38 | | 中国 | College of Pharmacy and Chemistry, Dali University | 2010.3.24 | 0 |
| 39 | 薬学部 | 中国 China | 天津医科大学薬学院 School of Pharmacy, Tianjin Medical University | 2011.3.7 | 0 |
| 40 | 亲于吗 Faculty of Pharmaceutical Sciences | | 中国科学院広西植物研究所 Guangxi Institute of Botany, Chinese Academy of Sciences ジャダブール大学(法学,経営学及び学際から構成される学部) | 2017.1.30 | _ |
| 41 | 20.011003 | インド India | ジャダプール大学 (法学, 経営学及び学際から構成される学部) Faculty of Interdisciplinary Studies, Law and Management, Jadavpur University | 2015.2.25 | 0 |
| 42 | | インドネシア Indonesia | スマトラ・ウタラ大学薬学部 Faculty of Pharmacy, University of Sumatera Utara | 2016.5.24 | _ |
| 43 | | カナダ Canada | ブリティッシュコロンビア大学薬学部 Faculty of Pharmaceutical Sciences, The University of British Columbia | 2017.5.29 | 0 |
| 44 | 大学院理工学研究部 | アメリカ合衆国 | コロラド大学ボルダー校 | 2016.3.28 | _ |
| 45 | Institute of Science and Technology 大学院先端技術科学教育部 | USA ドイツ | The University of Colorado at Boulder ラインマイン応用科学大学工学部 | 2002.7.29 | 0 |
| \vdash | Graduate School of Advanced | Germany インド | Faculty of Engineering, Rhein Main University of Applied Sciences ノースマハラシュトラ大学(理学院群及び技術大学院) | | |
| 46 | Technology and Science | India | North Mahashtra University | 2014.5.4 | 0 |
| 47 | | フランス France | トゥールーズ工科大学 Institut National des Sciences Appliquees de Toulouse | 1993.4.22 | 0 |
| 48 | | 韓国 Korea | 東義大学大学院 Graduate School, Dong-eui University | 2008.12.15 | 0 |
| 49 | | 台湾 Taiwan | 南台科技大学工学部 College of Engineering, Southern Taiwan University of Science and Technology | 2010.3.11 | 0 |
| 50 | 理工学部 | 中国 China | 北京航空航天大学自動化科学電気工程学院 School of Automation Science and Electrical Engineering, Beihang University | 2011.8.22 | 0 |
| 51 | Faculty of Science and Technology | | ドクターババサヘブアンベドカルマラツワダ大学理学部 | 2013.3.15 | 0 |
| 52 | | インド India | Faculty of Science, Dr. Babasaheb Ambedkar Marathwada University パラティ ビドゥヤピース ディームド大学工学部 | 2014.10.13 | 0 |
| \vdash | | モンゴル | Faculty of Engineering and Technology, Bharati Vidyapeeth Deemed University モンゴル科学技術大学情報通信技術学部 | | |
| 53 | | Mongolia | School of Information and Communication Technology, Mongolian University of Science and Technology ブルノエ科大学中央ヨーロッパ技術研究所(CEITEC) | 2018.10.3 | 0 |
| 54 | 生物資源産業学部 | チェコ Czech 中国 | Central European Institute of Technology (CEITEC), Brno University of Technology 広東海洋大学農学部 | 2020.11.24 | 0 |
| 55 | Faculty of Bioscience and Bioindustry | China | College of Agricultural Sciences, Guangdong Ocean University | 2017.11.28 | 0 |
| 56 | 埋蔵文化財調査室 Archaeological Heritage Management Office | 韓国 Korea | 東亜大学考古美術史学科 Department of Archaeology and Art History, Dong-A University | 2015.7.22 | _ |
| 57 | 高等教育研究センター Research Center for Higher Education | 台湾 Taiwan | 淡江大学推広教育室 Office of Continuing Education, Tamkang University | 2021.1.18 | _ |
| -1- ±2 | 業料不徴収は協定/覚書に基づく交 | 协约学生/非工组 | #\ /=`& = + ? | | |

^{*} 授業料不徴収は協定/覚書に基づく交換留学生(非正規生)に適用する。
*The tuition waiver is applied to non-degree exchange students who enroll in Tokushima University based on an agreement/MoU.

Number of Foreign Students at Tokushima University (徳島大学外国人留学生在籍状況)

As of May 1, 2021

| | | | | | May 1, 2021 |
|-----------------------|------------------------------------|-------------------------|--------------------|----------------------------|---------------|
| Area (地域) | Country・Region (国・地域名) | Undergraduate (学部学生) | Graduate (大学院生) | Research Student (研究生等) | Total (合計) |
| | Taiwan (台湾) | | 6 (1) | 1 | 7 (1) |
| | Korea (韓国) | 17 (6) | | 1 | 18 (6) |
| | China (中国) | 4 | 69 (30) | 7 (4) | 80 (34) |
| | Mongolia (モンゴル) | | 18 (13) | | 18 (13) |
| | India (インド) | | 4 (2) | | 4 (2) |
| Asia | Thailand (タイ王国) | | 2 (1) | | 2 (1) |
| (アジア) | Bangladesh (バングラデシュ) | | 6 (1) | | 6 (1) |
| | Nepal (ネパール) | | 1 | | 1 |
| | Vietnam (ベトナム) | 6 (1) | 6 (3) | | 12 (4) |
| | Indonesia (インドネシア) | 1 (1) | 13 (8) | | 14 (9) |
| | Malaysia (マレーシア) | 2 | 3 (1) | | 5 (1) |
| | Philippines (フィリピン) | | 3 | | 3 |
| North America (北米) | USA (アメリカ) | | 1 | | 1 |
| Europe | Sweden (スウェーデン) | | | 3 | 3 |
| (欧州) | Croatia (クロアチア) | | | 1 | 1 |
| Africa | Egypt (エジプト) | | 4 (1) | | 4 (1) |
| (アフリカ) | Rwanda (ルワンダ) | | 1 | | 1 |
| Total (合計) | 17 Countries & Regions 17 カ国・地域 | 30 (8) | 137 (61) | 13 (4) | 180 (73) |

The parentheses show the numbers of women.

^()内は女子で内数

Profile of Tokushima Prefecture (徳島県の概要)

(URL:https://www.pref.tokushima.lg.jp/en/japanese/)

| 1. POPULATION (徳島県人口) | 727,281 |
|-------------------------|---------|
| (Details) (内 訳) | |
| Tokushima City(徳島市) | 255,237 |
| Naruto City(鳴門市) | 55,832 |
| Komatsushima City(小松島市) | 36,560 |
| Anan City(阿南市) | 69,901 |
| Yoshinogawa City(吉野川市) | 39,170 |
| Awa City(阿波市) | 34,964 |
| Mima City(美馬市) | 28,435 |
| Miyoshi City(三好市) | 24,070 |
| Other Areas (その他) | 183,112 |
| (4 (1 4 0000) | |



Awaodori (Traditional dance)

(As of January 1, 2020)

2. LOCATION (位置)

Tokushima Prefecture is located in the eastern part of Shikoku Island, with the north and south divided by the Shikoku Mountain Range. Bounded by the Seto Inland Sea in the north, Kii Channel in the east and the Pacific Ocean in the South, the area is 4,147 square km, 80% mountainous. Mt. Tsurugi is the highest peak in Tokushima Prefecture, at 1,955 meters above the sea. People enjoy mountain climbing, camping and skiing at Mt. Tsurugi. The Yoshino River, is 194 km long and one of the three grand rivers in Japan. There are many riverside resorts for yachting and gathering shells.

徳島県は四国の東部に位置し、四国山脈により南北に分けられています。北は瀬戸内海、東は紀伊水道、南は太平洋に囲まれています。総面積 4,147 kmのうち 80%が山地になっています。剣山は徳島で一番高い山(標高は 1,955 m)です。ここでは登山やキャンプ、スキーが楽しめます。

また、川では日本三大暴れ川の1つで全長194kmの吉野川が流れており、ヨットや潮干狩りを楽しむことができます。

3. CLIMATE (気候)

Tokushima has three climate regions, northern, southern and western. The climate in the northern part of the prefecture is known as Setouchi climate, and average yearly rainfall is 1,200 mm, low for Japan. On the other hand, southern Tokushima Prefecture has the most rainfall in Japan, 3,000 mm. Western Tokushima is mountainous, with much snow in the winter. There are four seasons in Japan: spring, summer, fall and winter. From the middle of June to early July we have a rainy season with much humidity called "Tsuyu", peculiar to Japan. Tokushima Prefecture is located on about the same latitude as Xian, Baghdad, Casablanca and Atlanta.

徳島県の気候は北部・南部・西部の気候区分に分かれます。北部は瀬戸内気候と呼ばれ、年間降水量は 1,200mm, 日本の少雨地域の一つとなっています。一方、南部は日本の最多雨地域で降水量はおよそ 3,000mm あります。西部は,冬季には雪の多い山岳気候となっています。徳島の気候は温暖で、自然環境に恵まれた景勝の地であります。なお、日本には、春・夏・秋・冬と四季がありますが 6 月中旬から 7 月上旬には梅雨(つゆ)といって雨と湿気の多い日本独特の時期があります。また、徳島県は西安、バクダッド、アトランタなどとだいたい同じ緯度にあります。



















Professors and Their Research Interests (教授名, 研究題目等)

Graduate School of Sciences and Technology for Innovation 創成科学研究科

URL(http://pub2.db.tokushima-u.ac.jp/ERD/organization/10992/index-ja.html)

Regional Development and Clinical Psychology (地域創成専攻・臨床心理学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|------------------------|------------------------|---|
| Regional Development | AIBA Kazuhiko | Security, Democracy and Journalism |
| | ARATAKE Tatsuro | Modern Chinese History |
| | ISHIDA Motohiro | Data Science |
| | KINUGAWA Hitoshi | Japanese Medieval History |
| | SAKUMA Ryo | Modern British History and Colonial Rule |
| | SATO Mitsuhiro | Community based Sports Promotion |
| | STEPHENS Meredith Anne | TESOL, Applied Linguistics |
| | TAKAHASHI Shin-ichi | Folk Cultures in East Asia, Urban Cultures |
| | TSUTSUMI Kazuhiro | Japanese Classical Literature |
| | TOYODA Tetsuya | Economic Geography and Urban Studies |
| | NAKAMURA Yutaka | Archeology of Japan and East Asia |
| | MIURA Hajime | Relationship between Physical Activity and Prevention of Lifestyle-related Diseases/Nursing |
| | MURAKAMI Keiichi | SociolinguisticStudy on Modern Japanese |
| | YABE Takuya | Local Community Development |
| | YAMAGUCHI Tetsuo | Musculoskeletal Injury and Preventive Medicine |
| | YAMAGUCHI Hiroyuki | Modern Philosophy in France |
| | YAMADA Hitoko | Language research from the perspectives of cognitive linguistics and pragmatics |
| | YORIOKA Ryuji | Comparative Literature and Comparative Cultural Studies from Glocal Perspectives |
| Clinical Psychology | SATO Kenji | Cognitive behavioral research of Trauma, Anxiety, Depression and Aggressive |
| | SATO Yutaka | Perceptual Mechanism and Cognitive Function |

Master Course 修士課程 Division of Science and Technology (理工学専攻)

Department of Mathematical Sciences (数理科学コース)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|-----------------------------------|-------------------|--|
| Mathematics and Computer Sciences | HASUNUMA Toru | Studies on structural properties of graphs and their applications |
| | MORIYASU Kazumine | Topological properties of differentiable dynamical systems |
| Applied Mathematical Sciences | ONO Kosuke | Mathematical models and mathematical analysis of nonlinear phenomena |
| | MURAKAMI Kouichi | Stability and Bifurcation Theory of Functional Equations |
| Mathematical Methods in Sciences | OHYAMA Yousuke | Classical analysis on functional equations of the Painlevé- type |
| | TAKAHASHI Hiroki | Number theory and applications of algebraic systems |
| | TAKEUCHI Toshiki | High precision and efficient numerical computations |

Department of Natural Science (自然科学コース)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|------------------------|---------------------|---|
| Physical Sciences | IZAWA Ken-ichi | Theoretical models of elementary particles and cosmic inflation in the early universe |
| | KISHIMOTO Yutaka | NMR study on the superconductivity of the strong coupling superconductors and strongly correlated electron systems |
| | SAITO Takahito | NMR Study on Carbon-containing Inorganic Superconductors |
| | NAKAMURA Koichi | Study on mechanism of superionic conductivity in electrode materials for advanced rechargeable ion batteries |
| | FUSHIMI Ken-Ichi | Research and development of highly sensitive radiation detectors to investigate rare events in nuclear, particle, and astrophysical fundamental processes |
| | MAGISHI Ko-ichi | Elucidation of the novel quantum phenomena in quantum condensed matter physics by nuclear magnetic resonance |
| Chemistry | IMAI Shoji | Environmental analytical chemistry of toxic elements based on instrumental analysis, and its environmental application |
| | OGASAWARA Masamichi | Development of novel molecular transformation processes using homogeneous |
| | MIYOSHI Norikazu | Development of Strontium-mediated new synthetic methods and synthesis of unprecedented functional and fine materials |
| Geological Sciences | ANMA Ryo | Flow and fracturing of rocks and the crust, influences of crustal deformation and environmental changes on sedimentary processes |
| Biological Sciences | MAKABE Kazuhiro W. | Research on interactions between genomes and environmental factors, and the subsequent regulations of genome networks |
| | MATSUO Yoshinori | Studies for population genetical experiments and analyses of biological evolution |
| | WATANABE Minoru | Research on the development of new methods and their applications for functional analysis of genes using amphibian embryos as model animals |

Department of Civil and Environmental Engineering (社会基盤デザインコース)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|-------------------------------------|---------------------|---|
| Structures and Materials | UEDA Takao | Durability evaluation and rehabilitation techniques of concrete structure |
| | HASHIMOTO Chikanori | High performance of concrete machine with help of the visualization technique of fresh concrete |
| Disaster Science and Mitigation | BABA Toshitaka | Seismogenic process of the subduction zone earthquakes and Tsunami prediction |
| | MUTO Yasunori | Fluvial Process on Environment Restoration and Disaster Mitigation |
| Regional and Environmental Planning | OGAWA Hiroki | Architectural planning and design for dwellings and public facilities |
| | OKUSHIMA Masashi | Traffic analysis and evaluation of transport policy for ecological city |
| | KAMADA Mahito | Conservation and usage of regional ecosystems |
| | KOZUKI Yasunori | Study on Coexistence of People and Nature (Nature Conservation and Disaster Mitigation) |
| | YAMANAKA Hideo | Transport planning and road design for safety, elderly, disabled, and environment |

Department of Mechanical Science (機械科学コース)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|------------------------|---------------------|---|
| Material Science | OKADA Tatsuya | Plasticity and recrystallization of metal single- and bi-crystal |
| | TAKAGI Hitoshi | Development of environment-friendly ecomaterials |
| | NISHINO Hideo | Ultrasonic material measurement and evaluation |
| Energy System | ICHIMIYA Masashi | Laminar-turbulent transition in fluid flow |
| | OHTA Mitsuhiro | Gas-liquid/liquid-liquid two-phase flows and non-Newtonian fluid dynamics |
| | KIDOGUCHI Yoshiyuki | Combustion improvement and reduction of exhaust emissions |
| | DEGUCHI Yoshihiro | Development of energy and environmental devices using laser diagnostics |
| | HASEZAKI Kazuhiro | Fundamental research of Space Solar Power System (SSPS) |
| | MATSUMOTO Takeshi | Biomedical engineering approach to study bone/microcirculation-related diseases |
| Intelligent Mechanics | TAKAIWA Masahiro | Development of human support robot system |
| | HINO Junichi | Dynamic design and vibration control of machinery |
| Production Engineering | ISHIDA Tohru | Development of EDM system for fabricating complicatedly shaped holes |
| | YASUI Takeshi | Intelligent terahertz instrumentation and biomedical optics |
| | YONEKURA Daisuke | Surface engineering for functional materials |

Department of Applied Chemistry (応用化学システムコース)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|-------------------|--|
| Synthetic and Polymer Chemistry | UTE Kohichi | Synthesis and characterization of polymers with controlled structure |
| | IMADA Yasushi | Development of environmentally friendly synthetic method |
| | MINAGAWA Keiji | Synthesis and property of stimuli-responsive and other functional materials |
| Physico-chemical and Materials Sciences | TAKAYANAGI Toshio | Development of separation and analytical methods on the basis of chemical affinity |
| | OKAMURA Hidekazu | High pressure research of electronic states in materials |
| | YASUZAWA Mikito | Research and development of biosensors and biomaterials |
| Chemical Process Engineering | SUGIYAMA Shigeru | Development of advanced catalysts and alternative resources for resource depletion |
| | MORIGA Toshihiro | Materials chemistry on oxynitride/oxide semiconductors and phosphors |
| | KATOH Masahiro | Development of new separation processes using porous inorganic materials |

Department of Electrical and Electronic Engineering (電気電子システムコース)

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|--|-------------------|--|
| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
| Material and Device Science | NAGASE Masao | Study on graphene |
| | NAOI Yoshiki | Nano structure and photonics devices |
| Electric Energy Engineering | SHIMOMURA Naoyuki | Applications of pulsed power and discharge plasma |
| | YASUNO Takashi | Intelligent systems (robotic systems, human friendly motion control systems, renewable energy systems) |
| | HOJO Masahide | Analysis and controls of modern and advanced power systems |
| | KAWADA Masatake | Diagnostic techniques for power equipment, measurement of electromagnetic waves, computational electromagnetics, and signal processing |
| Electrical and Electronic | TAKADA Atsushi | Optical fiber transmission, optical signal processing |
| Systems | KUBO Tomohiro | Control of time-delay systems |
| Intelligent Networks and Computer Science | HASHIZUME Masaki | Design and test of electronic circuits |
| | SHIMAMOTO Takashi | Research on CAD algorithms for VLSI design |
| | NISHIO Yoshifumi | Nonlinear circuit technology, chaos engineering, cognitive engineering |

Department of Computer Science (知能情報システムコース)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|------------------------|----------------|---|
| Information Science | REN Fuji | Research on affective computing and intelligent robot |
| | KITA Kenji | Research on multimedia information retrieval |
| | UETA Tetsushi | Research on bifurcation problems and visualization of nonlinear dynamical systems |
| | MATSUURA Kenji | Research on multimedia application for learning and ICT infrastructure |

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|------------------------|--------------------|---|
| Intelligent Systems | TERADA Kenji | Research on image processing and computer vision |
| | KINOSHITA Kazuhiko | Research on intelligent information networking |
| | FUKETA Masao | Research on natural language processing and information retrieval |
| | SHISHIBORI Masami | Research on multimedia processing techniques |
| | FUKUMI Minoru | Research on human sensing and signal processing |

Department of Optical Science (光システムコース)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|-------------------------------|--------------------|---|
| Optical Materials and Devices | HARAGUCHI Masanobu | Photon localization in nano-scale plasmonic structure and its application |
| | FURUBE Akihiro | Advanced laser spectroscopy for optical nanomaterials |
| Optical Information Systems | KAWATA Yoshiki | Medical image processing, Intelligent computer-aided diagnosis (CAD) and 3D display systems |
| | GOTO Nobuo | Study on optical communications and optical information networks |

Bioresource Science (生物資源学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|------------------------------------|---------------------|--|
| Medicinal Chemistry | UTO Yoshihiro | Study on medicinal chemistry of anticancer drugs based on tumor implanted chick embryo |
| Biomass transformation engineering | NAKAMURA Yoshitoshi | Study on efective utilization of biomass and environmental bioremediation technology |
| Microbiology | NAGAMUNE Hideaki | Study on function of microbial bioactive molecules and their application technology |
| Biophysical chemistry | MATSUKI Hitoshi | Biophysicochemical study on aggregate systems of amphiphilic molecules |
| Biomass Conversion | ASADA Chikako | Study on development efficient processes for the utilization of biomass as useful chemical resources |
| Biophysical chemistry | TAMAI Nobutake | Physicochemical study on structure and properties of lipid membranes |
| Microbiology | TOMOYASU Toshifumi | Study on survival strategies of microorganisms in the host and environment |
| Molecular Cell Biology | YUASA Keizo | Study on intracellular signaling pathways in animal cells |
| Stem Cell and Cancer Biology | KISHIMOTO Koji | Illuminate what provides the prominent viability with cancer stem cells |
| Microbiology | SHIRAI Akihiro | Construction of the technology of antimicrobial intervention based on photoreaction |
| Microbiology | TABATA Atsushi | Investigation for microbial functional materials and their application |
| Bioorganic chemistry | YAMADA Hisatsugu | Creation of new chemical probes for explaining in vivo chemical biology |
| Food hygiene | KANEMARU Kaori | Microbial control in food environment by food compounds |
| Applied Microbiology | SAKURADANI Eiji | Study on useful material production using microbial conversion and fermentation |
| Bioorganic chemistry | TAI Akihiro | Research and development of bioactive products from foods and related materials |

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|---|--------------------|--|
| Lipid Biochemistry | TANAKA Tamotsu | Study on functional lipids for development of food supplements and medicines |
| Physiology • Oral Physiology | AKAMATSU Tetsuya | Study on the salivary gland development, differentiation, regeneration, and explession of its function |
| Applied enzymology | KAWAKAMI Ryushi | Function, structure and application of enzymes from extremophiles |
| Natural resources utilization engineering | SASAKI Chizuru | Study on production of useful chemicals from unutilized natural resources and its applications |
| food science, functional food | MUKAI Rie | Research on health promotion by functional food |
| Molecular Pathology | YAMAMOTO Kei | Study of bioacitive lipid network in health and disease |
| Genetic Engineering | OSAKABE Keishi | Studies on plant genetic engineering and moelcular breeding |
| Animal Reproduction | OTOI Takeshige | Study on genetically modified animals by reproductive biotechnology |
| Developmental Biology | TAKEMOTO Tatsuya | Study on cell fate decisions during early embryogenesis |
| Bio economy | NAKAZAWA Yoshihisa | Research and social implementation for Bioeconomy |
| Metabolic science for forest microorganisms | HATTORI Takefumi | Elucidation of metabolism in forest microorganisms toward putting high added value on forest products |
| Aquatic bioproduction science | HAMANO Tatsuo | Aquaculture, stock-enhancement, and conservation of aquatic animals and algae |
| Livestock science | MORIMATSU Fumiki | Research and development of animal production system and utilization of livestock products |
| Plant Protection Science | SATOH Masaya | Research on plant protection and landscaping design |
| Insect Science | MITO Taro | Study on insect genome function and utilization of insects as a food resource |
| Genetic engineering | MIYAWAKI Katsuyuki | Study on environmental control in biology and their application in plant cultivation technology |
| Plant taxonomy | YAMASHIRO Tadashi | Taxonmoy, ecology, and conservation on wild flowering plants |

Graduate School of Medical Sciences 医科学教育部

URL(http://pub2.db.tokushima-u.ac.jp/ERD/organization/148410/index-en.html)

Master Course 修士課程 Medical Science (医科学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|--------------------|--|
| Anatomy and Developmental Neurobiology | TOMITA Koichi | Investigation of the mechanisms involved in cortical development and sensory processing in the visual system |
| Pediatrics | to be appointed | Pediatric nephrology, cardiology,hematology, neurology, endocrinology and metabolism |
| Obstetrics and Gynecology | IWASA Takeshi | Reproductive medicine and endocrinology, Women's health care, Gynecologic oncology |
| Cell Biology | YONEMURA Shigenobu | Molecular mechanism of epithelial polarization, mechanobiology of 3-D morphogenesis through adherens junctions |
| Gastroenterology and Oncology | TAKAYAMA Tetsuji | Molecular analysis of gastrointestinal cancer, chemotherapy and chemoprevention of gastrointestinal cancer |

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|--------------------|--|
| Preventive Medicine | ARISAWA Kokichi | Environmental epidemiology, Epidemiology of chronic disrupters |
| Public Health | MORIOKA Hisayoshi | Health Service, Health Systems Governance, Health Administration, Epidemiology |
| General Medicine | TANI Kenji | Community Medicine, Rheumatology, Respirology |
| Immunology and Parasitology | YASUTOMO Koji | Immunology, T-cell development. Cell differentiation, Human genetics |
| Microbiology | NOMAGUCHI Masako | Molecular genetics of human and simian immunodeficiency viruses, Structural virology |
| Anatomy and Cell Biology | TSURUO Yoshihiro | Functional morphology of endocrine cells, Neurosteroids and sexual differentiation |
| Integrative Physiology | SEI Hiroyoshi | Integrative Neuronal Physiology, Sleep and biological clock, Behavioral control of CNS, Cardiovascular and respiratory control of CNS |
| Psychiatry | to be appointed | Psychiatry, Psychosomatic medicine, Psychopharmacology |
| Neurosurgery | TAKAGI Yasushi | Cerebrovascular diseases, Brain tumor, Climical neuroscience |
| Molecular Biology | OYADOMARI Seiichi | Endoplasmic reticulum stress in health and disease |
| Medical Informatics | HIROSE Jun | Data analysis in medical information systems, Regional medical cooperation systems, Hospital management analysis, Privacy protection |
| Pharmacology | IKEDA Yasumasa | Renal pharmacology, Cardiovascular pharmacology, Oxidative Stress, Nitrite |
| Anesthesiology | TANAKA Katsuya | Electrophysiology and electropharmacology of the heart, Ventriculo-arterial coupling, Transesophageal echocardiography, Effects of anesthetics on cytosolic Ca concentrations during myocardial ischemia |
| Nephrology | WAKINO Shu | Nephrology, Diabetic Nephropathy |
| Emergency and Critical Care Medicine | OTO Jun | Mechanical ventilation, Ventilator-induced lung injury, Acute stroke care, Infection control |
| Department of Clinical Pharmacology and Therapeutics | ISHIZAWA Keisuke | Cardiovascular pharmacology, Neuropharmacology, Management of Chemotherapy-induced side effects |
| Ophthalmology | MITAMURA Yoshinori | Ocular infections, Keratoprosthesis, Glaucoma, Uveitis, Diabetic retinopathy, Vitrectomy, Orbital diseases, Strabismus |
| Otorhinolaryngology and Communicative Neuroscience | TAKEDA Noriaki | Neurootology, Neurolaryngology, Head and neck surgery |
| Neurology | IZUMI Yuishin | Pathophysiology of movement disorders, Physiology of nerve conduction, Molecular genetics of neurological diseases |
| Molecular Pathology | to be appointed | General Pathology, Surgical Pathology |
| Digestive Surgery and Transplantation | SHIMADA Mitsuo | FACS Regenerative medicine: Transplantation (liver, pancreas and islet cell), Hepatic regeneration Oncology: Molecular biology based clinical oncology (carcinogenesis, organotrophism), Development of a new minimum invasive surgery |
| Cardiovascular Surgery | HATA Hiroki | Pediatric cardiac surgery, Surgery for acquired cardiovascular disease, Vascular surgery, and Lymphology, Cellular biology of allograft valve, Pulmonary blood flow, Cardioplegia |

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|---------------------|---|
| Urology | KANAYAMA Hiro-omi | Renal cell carcinoma. Bladder cancer. Tumor invasion and metastasis, Molecular targeted therapy, Laparoscopic surgery, Pediatric urology, Andrology |
| Cardiovascular Medicine | SATA Masataka | Cardiology, Atherosclerosis, Coronary Intervention, Regenerative Medicine, Stem Cell |
| Pathology and Laboratory Medicine | TSUNEYAMA kouichi | General pathology, Cancer pathology, Liver pathology, Environmental pathology, Allergy and autoimmune diseases, Metabolic syndrome-related diseases |
| Radiology and Radiation Oncology | HARADA Masafumi | Mapping of the function and metabolism using MRI, MRS, and RI, Clinical utility of 3-D medical images |
| Respiratory Medicine and Rheumatology | NISHIOKA Yasuhiko | Lung cancer. Cancer metastasis, Molecular targeted therapy, Interstititallung disease. Bronchial asthma. Immunotherapy, Rheumatology |
| Thoracic Endocrine Surgery and Oncology | to be appointed | Esophageal cancer, lung cancer, breast cancer and thyroid cancer therapy. Less invasive surgery. Pathophysiology of postoperative state |
| Forensic Medicine | NISHIMURA Akiyoshi | Forensic pathology, Neuropathology |
| Dermatological Science | KUBO Yoshiaki | Skin carcinogenesis, Molecular diagnosis, Stem cell, Hair biology, Cutaneous physiology, Differentiation mechanism of the skin |
| Orthopedics | SAIRYO Koichi | Bone lengthening, Distraction osteogenesis |
| Plastic and Reconstructive Surgery | HASHIMOTO Ichiro | Microsurgery for tissue transplantation, Microcirculation of skin flap, perforator flap, Lymph edema |
| Institute for animal Experimentation | MATSUMOTO Takahiro | |
| Biochemistry | SASAKI Takuya | Int racellular signal transduction, Molecular mechanisms of vesicle transport and cytoskeletal control |
| Hematology, Endocrinology and Metabolism | ABE Masahiro | Endocrinology, Metabolism, Hematology, Vascular biology, Bone biology, Gerontology |
| Pathophysiology | to be appointed | Post-transcriptional regulation of Stress-related genes, stress genomics |
| Genetic Information | MINEGISHI Yoshiyuki | Identify causing genes of immunodeficiencies and elucidate molecular mechanisms underlying allergic diseases |
| Genome Medicine | KATAGIRI Toyomasa | Investigation of molecular mechanisms underlying carcinogenesis through comprehensive human genome analysis |
| Diabetology | MATSUHISA Munehide | Pathophysiology and treatment of diabetes and its complications |
| Cell Signaling | KOSAKO Hidetaka | Cell signaling, Protein phosphorylation, Proteomics, Mass Spectrometry |
| Molecular Life Science | SAIO Tomohide | Structural biology and biochemistry to understand life and disease, focusing on molecular chaperones and stress sensors. |
| Molecular Immunology | MATSUMOTO Mitsuru | Autoimmune disease, Lymphoid organogenesis, Transgenic mouse, Knockout mouse |
| Molecular Neurobiology | SAKAGUCHI Suehiro | Prion protein signaling, Molecular pathogenesis of prion diseases, Prion vaccines |

Doctoral Course 博士課程 Medical Sciences (医学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|--------------------|---|
| Anatomy and Developmental Neurobiology | TOMITA Koichi | Investigation of the mechanisms involved in cortical development and sensory processing in the visual system |
| Pediatrics | to be appointed | Pediatric nephrology, cardiology,hematology, neurology, endocrinology and metabolism |
| Obstetrics and Gynecology | IWASA Takeshi | Reproductive medicine and endocrinology, Women's health care, Gynecologic oncology |
| Cell Biology | YONEMURA Shigenobu | Molecular mechanism of epithelial polarization, mechanobiology of 3-D morphogenesis through adherens junctions |
| Gastroenterology and Oncology | TAKAYAMA Tetsuji | Molecular analysis of gastrointestinal cancer, chemotherapy and chemoprevention of gastrointestinal cancer |
| Preventive Medicine | ARISAWA Kokichi | Environmental epidemiology, Epidemiology of chronic disrupters |
| Public Health | MORIOKA Hisayoshi | Health Service, Health Systems Governance, Health Administration, Epidemiology |
| Medical Education | AKAIKE Masashi | Simulation-based medical education, Inter professional education |
| General Medicine | TANI Kenji | Community Medicine, Rheumatology, Respirology |
| Immunology and Parasitology | YASUTOMO Koji | Immunology, T-cell development. Cell differentiation, Human genetics |
| Microbiology | NOMAGUCHI Masako | Molecular genetics of human and simian immunodeficiency viruses, Structural virology |
| Anatomy and Cell Biology | TSURUO Yoshihiro | Functional morphology of endocrine cells, Neurosteroids and sexual differentiation |
| Integrative Physiology | SEI Hiroyoshi | Integrative Neuronal Physiology, Sleep and biological clock, Behavioral control of CNS, Cardiovascular and respiratory control of CNS |
| Psychiatry | to be appointed | Psychiatry, Psychosomatic medicine, Psychopharmacology |
| Neurosurgery | TAKAGI Yasushi | Cerebrovascular diseases, Brain tumor, Climical neuroscience |
| Molecular Biology | OYADOMARI Seiichi | Endoplasmic reticulum stress in health and disease |
| Medical Informatics | HIROSE Jun | Data analysis in medical information systems, Regional medical cooperation systems, Hospital management analysis, Privacy protection |
| Pharmacology | IKEDA Yasumasa | Renal pharmacology, Cardiovascular pharmacology, Oxidative Stress, Nitrite |
| Anesthesiology | TANAKA Katsuya | Electrophysiology and electropharmacology of the heart, Ventriculo-arterial coupling, Transesophageal echocardiography, Effects of anesthetics on cytosolic Ca concentrations during myocardial ischemia |
| Nephrology | WAKINO Shu | Nephrology, Diabetic Nephropathy |
| Emergency and Critical Care Medicine | OTO Jun | Mechanical ventilation, Ventilator-induced lung injury, Acute stroke care, Infection control |
| Department of Clinical Pharmacology and Therapeutics | ISHIZAWA Keisuke | Cardiovascular pharmacology, Neuropharmacology, Management of chemotherapy-induced side effects |
| Ophthalmology | MITAMURA Yoshinori | Ocular infections, Keratoprosthesis, Glaucoma, Uveitis, Diabetic retinopathy, Vitrectomy, Orbital diseases, Strabismus |

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|---------------------|--|
| Otorhinolaryngology and Communicative Neuroscience | TAKEDA Noriaki | Neurootology, Neurolaryngology, Head and neck surgery |
| Neurology | IZUMI Yuishin | Pathophysiology of movement disorders, Physiology of nerve conduction, Molecular genetics of neurological diseases |
| Molecular Pathology | to be appointed | Cell Biology of Macrophage, Lipid Metabolism, Amyloidosis, General Pathology |
| Digestive Surgery and Transplantation | SHIMADA Mitsuo | FACS Regenerative medicine: Transplantation (liver, pancreas and islet cell), Hepatic regeneration Oncology: Molecular biology based clinical oncology (carcinogenesis, organotrophism), Development of a new minimum invasive surgery |
| Minimum-invasion and Telementoring Surgery | to be appointed | |
| Cardiovascular Surgery | HATA Hiroki | Pediatric cardiac surgery, Surgery for acquired cardiovascular disease, Vascular surgery, and Lymphology, Cellular biology of allograft valve, Pulmonary blood flow, Cardioplegia |
| Urology | KANAYAMA Hiro-omi | Renal cell carcinoma. Bladder cancer. Tumor invasion and metastasis, Molecular targeted therapy, Laparoscopic surgery, Pediatric urology, Andrology |
| Cardiovascular Medicine | SATA Masataka | Cardiology, Atherosclerosis, Coronary Intervention, Regenerative Medicine, Stem Cell |
| Pathology and Laboratory Medicine | TSUNEYAMA Kouichi | General pathology, Cancer pathology, Liver pathology, Environmental pathology, Allergy and autoimmune diseases, Metabolic syndrome-related diseases |
| Radiology and Radiation Oncology | HARADA Masafumi | Mapping of the function and metabolism using MRI, MRS, and RI, Clinical utility of 3-D medical images |
| Respiratory Medicine and Rheumatology | NISHIOKA Yasuhiko | Lung cancer. Cancer metastasis, Molecular targeted therapy, Interstititallung disease. Bronchial asthma. Immunotherapy, Rheumatology |
| Thoracic Endocrine Surgery and Oncology | to be appointed | Esophageal cancer, lung cancer, breast cancer and thyroid cancer therapy. Less invasive surgery. Pathophysiology of postoperative state |
| Forensic Medicine | NISHIMURA Akiyoshi | Forensic pathology, Neuropathology |
| Dermatological Science | KUBO Yoshiaki | Skin carcinogenesis, Molecular diagnosis, Stem cell, Hair biology, Cutaneous physiology, Differentiation mechanism of the skin |
| Orthopedics | SAIRYO Koichi | Bone lengthening, Distraction osteogenesis |
| Plastic and Reconstructive Surgery | HASHIMOTO Ichiro | Microsurgery for tissue transplantation, Microcirculation of skin flap, Perforator flap, Lymph edema |
| Biochemistry | SASAKI Takuya | Int racellular signal transduction, Molecular mechanisms of vesicle transport and cytoskeletal control |
| Hematology, Endocrinology and Metabolism | ABE Masahiro | Endocrinology, Metabolism, Hematology, Vascular biology, Bone biology, Gerontology |
| Pathophysiology | to be appointed | Post-transcriptional regulation of Stress-related genes, stress genomics |
| Genetic Information | MINEGISHI Yoshiyuki | Identify causing genes of immunodeficiencies and elucidate molecular mechanisms underlying allergic diseases |
| Genome Medicine | KATAGIRI Toyomasa | Investigation of molecular mechanisms underlying carcinogenesis through comprehensive human genome analysis |

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|---|--------------------|---|
| Molecular Function Analysis | HORIKAWA Kazuki | |
| Diabetology | MATSUHISA Munehide | Pathophysiology and treatment of diabetes and its complications |
| Cell Signaling | KOSAKO Hidetaka | Cell signaling, Protein phosphorylation, Proteomics, Mass Spectrometry |
| Molecular Life Science | SAIO Tomohide | Structural biology and biochemistry to understand life and disease, focusing on molecular chaperones and stress sensors. |
| Pathology and Metabolome Research for Infectious Disease and Host Defense | KIDO Hiroshi | Medical Application of Proteases and Its Inhibitors, Mucosal Vaccination, Allergy, Mechanism of Influenza Virus Infection |
| Molecular Immunology | MATSUMOTO Mitsuru | Autoimmune disease, Lymphoid organogenesis, Transgenic mouse, Knockout mouse |
| Molecular Neurobiology | SAKAGUCHI Suehiro | Prion protein signaling, Molecular pathogenesis of prion diseases, Prion vaccines |
| Genomics | to be appointed | |
| Space Medical Science | to be appointed | |
| Imaging Probe Sciences | DOI Hisashi | |
| Molecular Imaging Sciences | WATANABE Yasuyoshi | |

Graduate School of Nutrition and Bioscience 栄養生命科学教育部

URL(http://pub2.db.tokushima-u.ac.jp/ERD/organization/148408/index-en.html)

Master Course 博士前期課程 Human Nutrition (人間栄養科学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|-----------------|--|
| Applied Nutrition | SEGAWA Hiroko | Mineral and bone/kidney metabolism, Nutritional biochemistry of calcium, phosphorus and amino acids, Physiological regulation of phosphate transporters |
| Nutritional Physiology | NIKAWA Takeshi | Space biology, mechano-biology, and mitochondrial biology of skeletal muscle, Functional foods in space, Chrononutrition of skeletal muscle, Structural biology |
| Food Science | to be appointed | Molecular mechanism of oxidative stress-related chronic diseases, Physiological functions of dietary polyphenols and other antioxidants |
| Metabolic Nutrition Science | SAKAUE Hiroshi | Diabetes and cardiovascular disease, Exercise physiology, Aadiposcience, Clinical Nutrition |
| Preventive Environment Nutrition | TAKAHASHI Akira | Pathogenicity of Food poisoning bacteria |
| Clinical Nutrition and Food Management | TAKETANI Yutaka | Nutritional assessment and management of life-style related diseases, Evaluation and development of functional foods in humans, Metabolism of calcium / phosphorus / vitamin D and dietary management of ageing, osteoporosis and chronic kidney disease, Dietary habit and palatability |
| Public Health and Applied Nutrition | SAKAI Tohru | Nutritional Immunology, Mucosal Immunity, Tumor and Nutrition, Public Health Nutrition |
| Therapeutic Nutrition | HAMADA Yasuhiro | Research of nutrition support team, Clinical research for medical nutrition, Protein energy wasting in patients with chronic kidney disease |

Doctoral Course 博士後期課程 Human Nutrition (人間栄養科学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|-----------------|--|
| Applied Nutrition | SEGAWA Hiroko | Mineral and bone/kidney metabolism, Nutritional biochemistry of calcium, phosphorus and amino acids, Physiological regulation of phosphate transporters |
| Nutritional Physiology | NIKAWA Takeshi | Space biology, mechano-biology, and mitochondrial biology of skeletal muscle, Functional foods in space, Chrononutrition of skeletal muscle, Structural biology |
| Food Science | to be appointed | Molecular mechanism of oxidative stress-related chronic diseases, Physiological functions of dietary polyphenols and other antioxidants |
| Metabolic Nutrition Science | SAKAUE Hiroshi | Diabetes and cardiovascular disease, Exercise physiology, Aadiposcience, Clinical Nutrition |
| Preventive Environment Nutrition | TAKAHASHI Akira | Pathogenicity of Food poisoning bacteria |
| Clinical Nutrition and Food Management | TAKETANI Yutaka | Nutritional assessment and management of life-style related diseases, Evaluation and development of functional foods in humans, Metabolism of calcium / phosphorus / vitamin D and dietary management of ageing, osteoporosis and chronic kidney disease, Dietary habit and palatability |
| Public Health and Applied Nutrition | SAKAI Tohru | Nutritional Immunology, Mucosal Immunity, Tumor and Nutrition, Public Health Nutrition |
| Therapeutic Nutrition | HAMADA Yasuhiro | Research of nutrition support team, Clinical research for medical nutrition, Protein energy wasting in patients with chronic kidney disease |

Graduate School of Health Sciences 保健科学教育部

URL(http://pub2.db.tokushima-u.ac.jp/ERD/organization/131051/index-en.html)

Master Course 博士前期課程 Health Sciences (保健学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|---|-------------------|---|
| Advanced Nursing | IWASA Yukie | Nursing education, Nursing physiology |
| | TANIOKA Tetsuya | Nursing outcome management, Psychiatric mental health nursing, Nursing theory |
| School Health | OKUDA Kikuko | Health education and management, school nurses' practices, family and community health |
| Health and Medical Care | TOMOTAKE Masahito | Mental Health, Psychological Medicine |
| | MORI Kenji | Medicine on Developmental Disabilities |
| | KONDO Kazuya | Estimating QOL of the patients with cancer using patient related QOL questionnaire |
| Community Health Nursing | OKAHISA Reiko | Community Health Nursing, Health Promotion, Public Health Nurses' Practices |
| Women's Health · Midwifery | HAKU Mari | Midwifery, Midwifery Education, Breastfeeding |
| | YASUI Toshiyuki | Reproductive Medicine, Perimenopausal Medicine |
| Medical Information Science and Engineering | YOSHINAGA Tetsuya | Medical image reconstruction, Biological engineering, Nonlinear dynamical system |
| | SAKAMA Minoru | Radioanalytical chemistry, nuclear chemistry and nuclear physics, radiological protection, environmental radiactivity |
| | MORITA Akinori | Radiation Biology, Molecular Oncology |
| | HAGA Akihiro | Medical Physics, Atomic and Nuclear Physics, Machine Learning, Image Informatics |

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|------------------|--|
| Radiological Science | OTSUKA Hideki | Nuclear Medicine, Molecular Imaging, Magnetic Resonance in Medicine |
| | IKUSHIMA Hitoshi | Radiation Oncology, Radiation Therapy Technology |
| Advanced Medical Technology Science | ENDO Itsuro | Translational and clinical research for Endocrine disorder and Metabolic bone diseases |
| | KATAOKA Keiko | Commensal bacteria and human health, Host-bacteria interaction in opportunistic infection, Prebiotics and disease prevention |
| | HOSOI Eiji | Genetic analysis of the ABO blood group, Mechanisms of expression of ABO blood group antigens, Ca ²⁺ signal transduction system in immune cells |
| | YASUI Toshiyuki | Reproductive Medicine, Perimenopausal Medicine |
| | KONDO Kazuya | Estimating QOL of the patients with cancer using patient-related QOL questionnaire |

Doctoral Course 博士後期課程 Health Sciences (保健学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|---|-------------------|--|
| Lifelong Health Nursing | IWASA Yukie | Nursing education, Nursing physiology |
| | TANIOKA Tetsuya | Nursing outcome management, Psychiatric mental health nursing, Nursing theory |
| | HAKU Mari | Midwifery, Development of Midwifery care model |
| School Health | OKUDA Kikuko | Health education and management, school nurses' practices, family and community health |
| Lifelong Health and Medical | YASUI Toshiyuki | Reproductive Medicine, Perimenopausal Medicine |
| Science | TOMOTAKE Masahito | Mental Health, Psychological Medicine |
| | MORI Kenji | Medicine on Developmental Disabilities |
| | KONDO Kazuya | Molecular research for thoracic malignancies-lung cancer, thymoma, etc |
| Community Health Nursing | OKAHISA Reiko | Community Health Nursing, Health Promotion, Public Health Nurses' Practices |
| Biomedical Information Sciences | YOSHINAGA Tetsuya | Medical image reconstruction, Medical engineering, Medical imaging equipment, Nonlinear dynamical system |
| | SAKAMA Minoru | Radioanalytical chemistry, nuclear chemistry and nuclear physics, radiological protection, environmental radiactivity |
| | MORITA Akinori | Radiation biology, Molecular oncology |
| | HAGA Akihiro | Medical Physics, Atomic and Nuclear Physics, Machine Learning, Image Informatics |
| | IKUSHIMA Hitoshi | Radiation Oncology, Radiation Therapy Technology |
| | OTSUKA Hideki | Nuclear Medicine, Molecular Imaging, Magnetic Resonance in Medicine |
| Pathophysiological Laboratory Sciences | ENDO Itsuro | Translational and clinical research for Endocrine disorder and Metabolic bone diseases |
| | KATAOKA Keiko | Commensal bacteria and human health, Host-bacteria interaction in opportunistic infection, Prebiotics and disease prevention |
| | KONDO Kazuya | Molecular research for thoracic malignancies-lung cancer, thymoma, etc |
| | HOSOI Eiji | Genetic analysis of the ABO blood group, Mechanisms of expression of ABO blood group antigens, Ca ²⁺ signal transduction system in immune cells |

Graduate School of Oral Sciences 口腔科学教育部

URL(http://pub2.db.tokushima-u.ac.jp/ERD/organization/148409/index-en.html)

Master's Course 博士前期課程

Oral Health Science (口腔保健学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|---|--------------------|--|
| Hygiene and Oral Health Science | HINODE Daisuke | Halitosis, Professional oral health care, Oral health promotion |
| Oral Health Care Education | IGA Hiroki | Oral care education, Development of educational system for dental hygienists |
| Oral Health Care Promotion | OZAKI Kazumi | Periodontal Medicine, Antibacterial material, OSCE method, ICT support services on oral care |
| Oral Health Care and Rehabilitation | MATSUYAMA Miwa | Gerodontology, Dysphagia Rehabilitation, Oral Health Care and Oral Rehabilitation |
| Oral Health Science and Social Welfare | KATAOKA Kosuke | Program Construction for Oral Health Promotion, Mucosal Immunology, Nasal Vaccine, Prophylaxis for Periodontal Disease |
| Community Medical and Welfare | SHIRAYAMA Yasuhiko | Higher brain dysfinction, Burnout, Care burden, Community-based Integrated Care System |

Doctor's Course 博士後期課程

Oral Health Science (口腔保健学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|---|--------------------|--|
| Hygiene and Oral Health Science | HINODE Daisuke | Halitosis, Professional oral health care, Oral health promotion |
| Oral Health Care Education | IGA Hiroki | Oral care education, Development of educational system for dental hygienists |
| Oral Health Care Promotion | OZAKI Kazumi | Periodontal Medicine, Antibacterial material, OSCE method, ICT support services on oral care |
| Oral Health Care and Rehabilitation | MATSUYAMA Miwa | Gerodontology, Dysphagia Rehabilitation, Oral Health Care and Oral Rehabilitation |
| Oral Health Science and Social Welfare | KATAOKA Kosuke | Program Construction for Oral Health Promotion, Mucosal Immunology, Nasal Vaccine, Prophylaxis for Periodontal Disease |
| Community Medical and Welfare | SHIRAYAMA Yasuhiko | Higher brain dysfinction, Burnout, Care burden, Community-based Integrated Care System |

Doctoral Course 博士課程 Oral Sciences (口腔科学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|-----------------------------------|-------------------|--|
| Oral and Maxillofacial Anatomy | BABA Otto | Gross anatomy of the head and neck, Development of teeth and periodontium, Preventive medicine by far infrared ray and antioxidant |
| Tissue-regeneration | YAMAMOTO Akihito | Development of regeneration therapies using stem cells from oral cavity, Analysis of the tissue-regenerative mechanisms by the factors-derived from stem cells |
| Molecular Oral Physiology | YOSHIMURA Hiroshi | Integration of oral sensory information, Aquaporins and exocrine function, Salivary gland and defense system of oral cavity |

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|---|------------------------------------|--|
| Oral Bioscience | KUDO Yasusei | Molecular mechanism on pathogenesis of oral diseases including oral cancer |
| Oral Molecular Pathology | ISHIMARU Naozumi | Pathogenesis of autoimmunity and carcinogenesis |
| Oral Microbiology | FUJII Hideki | Pathogenicity of oral bacteria, Mechanisms of antibiotic resistance and tolerance in Pseudomonas aeruginosa, Preventing periodontal disease using bio-nanocapsule, Development of high-performance small molecule antibodies, Application and bioengineering of bacteriophage, Dynamics of infectious immunity |
| Biomaterials and Bioengineering | HAMADA Kenichi | R & D of biomedical/dental alloys, ceramics and composite materials. |
| Preventive Dentistry | ITO Hiro-O | Saliva and mucosal immunity, Oxidative stress and oral health, Public dental health promotion |
| International Oral Health Science Education | RODIS OMAR MARIANITO MANINGO | Dental English, Dental education, Curriculum development |
| Regenerative Dental Medicine | HOSAKA Keiichi | Cariology, Adhesive Dentistry, Pulp pathology, Pathogenesis of apical and marginal periodontitis |
| Periodontology and Endodontology | YUMOTO Hiromichi | Bone metabolism, Gingival overgrowth, Diagnostic indicators in periodontal disease, Diabetes and periodontitis, Endodontology |
| Prosthodontics and Oral Rehabilitation | ICHIKAWA Tetsuo | Removable Prosthodontics, Gerodontology, Oral Implantology, CAD/CAM Technology, Oral Physiology and Behavior |
| Stomatognathic Function and Occlusal Reconstruction | MATSUKA Yoshizo | Fixed Prosthodontics, Jaw movement, Dental occlusion, Orofacial pain, Neurobiology, Tissue regeneration |
| Oral Medicine | AZUMA Masayuki | Cell biology, Bone metabolism, Functional regeneration of salivary glands, Prevention of cancer development |
| Oral Surgery | MIYAMOTO Youji | Bone tissue engineering, Biomaterials, Dental implant, Oral Surgery, Oncology, Molecular target Treatment for oral cancer |
| Orthodontics and Dentofacial Orthopedics | TANAKA Eiji | Craniofacial growth and development, Biological response to mechanical stress, Bone cell biology |
| Pediatric Dentistry | IWASAKI Tomonori | Sleep apnea, relationship of between maxillofacial growth and respiration, Tooth and craniofacial development, Dental pulp stem cell research |
| Oral and Maxillofacial Radiology | HONDA Eiichi | Digital radiography, Image analysis, Interpretation of oral lesions by CT or MRI |
| Dental Anesthesiology | KITAHATA Hiroshi | Myocardial protection via mTOR, Periodontal-induced vascular abnormality, Angiogenesis and anesthetics |
| Comprehensive Dentistry | KAWANO Fumiaki | Biomechanics, Biomaterials, Occlusal schemes of prosthesis, Sleep Bruxism |

Graduate School of Pharmaceutical Sciences 薬科学教育部

URL(http://pub2.db.tokushima-u.ac.jp/ERD/organization/148357/index-en.html)

Master Course 博士前期課程

Pharmaceutical Sciences (創薬科学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|---|--|---|
| Analytical Sciences | TANAKA Hideji | Flow-based analysis (Flow injection analysis, Feedback-based flow ratiometry, Amplitude-modulated flow analysis), Analysis of aquatic environment |
| Molecular Medicinal Chemistry | SANO Shigeki | Organic chemistry, Medicinal chemistry, Functionalized heterocycles, Bioactive compounds |
| Molecular Design and Synthesis | OTAKA Akira | Peptide & Protein Chemistry, Peptide-based chemical biology, Bioorganic medicinal chemistry |
| Pharmaceutical Organic Chemistry | YAMADA Ken-ichi | Organic synthesis, Methodology development, Asymmetric synthesis |
| Theoretical Chemistry for Drug Discovery | TACHIKAWA Masanori | Blood-tissue barrier science, Membrane transport and drug targeting, Central nervus system drug design, Quantitative |
| Pharmacognosy | KASHIWADA Yoshiki | Natural products chemistry, Bioactive natural products from plants and marine organisms, Pharmacognosy, Ethnobotany |
| Synthetic Organic Chemistry | NAMBA Kosuke | Total synthesis, Practical synthesis, Molecular probes |
| Bioorganic Chemistry | MINAKAWA Noriaki | Nucleic acid chemistry, Nucleoside, Nucleotide, Oligonucleotide, Medicinal chemistry |
| Medicinal Biotechnology | ITOU Kouji | Medicinal biotechnology, Molecular and cell biology, Human molecular genetics, Genetical metabolic diseases, Gene and cell therapy, Medicinal resources from natural products |
| Clinical Pharmacology | TAKIGUCHI Yoshiharu | Pharmacotherapeutic design, Drug evaluation method, Drug interaction, Drug monitoring, Ischemia-reperfusion injury, Oxidative stress |
| Pharmaceutical Information Science | SATO Youichi | Pharmacoepidemiology, Pharmacogenetics, Human genetics, Andrology, Reproductive medicine and biology |
| Pharmacokinetics and Biopharmaceutics | ISHIDA Tatsuhiro | Drug delivery with liposome, Tumor targeting, Pharmacokinetic, Innate immunity to nanocarriers Drug delivery with albumin, Antioxidants, Nitric Oxide, Reactive sulfur |
| Neurobiology and Therapeutics | KASAHARA Jiro (Associate Professor) | Pathophysiological analysis of Parkinson's Disease, ischemia/reperfusion-induced neurodegeneration, depression, and development of novel therapeutics for them. |
| Pharmacology for Life Sciences | FUJINO Hiromichi | Understanding of the molecular & cellular pharmacology of G protein coupled receptors (GPCRs) is one of the goals for our research. To understand roles of prostanoid receptor signaling in cancer malignancy, especially in the early stages of development as well as the alternative functions of endogenous prostanoids as biased ligands are the main researches. Histamine H1 receptors, their singaling and gene expression are also studying. |
| Medical Pharmacology | TSUCHIYA Koichiro | Electron paramagnetic resonance, Free radicals, Nitric oxide, Oxydative stress, I-R Stress, Nitrite metabolism |
| Molecular Cell Biology Medicine | YAMAZAKI Tetsuo | Cell Biology, Immunology, Signaling properties of the endoplasmic reticulum and mitochondria |
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| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|--------------------------------------|---|
| Pharmaceutical Health Chemistry | KOGURE Kentaro | Effective delivery of macromolecules by weak electric current, antioxidants, Anti-obesity, Anti-oxidative stress, Drug delivery with liposomes for stroke therapy, Biomimetic nanoparticles, Exosomes |
| Clinical Pharmacy Practice Pedagogy | ABE Shinji | Evaluation of risk factors for adverse drug reactions, Clinical pharmacy education, Cancer immunotherapy |
| Physical Pharmacy | UENO Satoru (Associate Professor) | Membrane interaction of polypeptides and macromolecules |
| Natural Products Chemistry | OOI Takashi (Associate Professor) | Isolation and structure elucidation of bioactive natural products especially from marine organisms |
| Medicinal Biochemistry | SHINOHARA Yasuo | Studies on the regulation of energy metabolism and mitochondrial functions |

Doctoral Course 博士後期課程

Pharmaceutical Sciences (創薬科学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|---|--|---|
| Synthetic Organic Chemistry | NAMBA Kosuke | Total synthesis, Practical synthesis, Molecular probes |
| Molecular Physical Pharmaceutics | OKUHIRA Keiichiro (Associate Professor) | Biophysical chemistry, Structure and function of apolipoproteins, lipoproteins, lipid transporters |
| Analytical Sciences | TANAKA Hideji | Flow-based analysis (Flow injection analysis, Feedback-based flow ratiometry, Amplitude-modulated flow analysis), Analysis of aquatic environment |
| Bioorganic Chemistry | MINAKAWA Noriaki | Nucleic acid chemistry, Nucleoside, Nucleotide, Oligonucleotide, Medicinal chemistry |
| Pharmaceutical Organic Chemistry | YAMADA Ken-ichi | Organic synthesis, Methodology development, Asymmetric Synthesis |
| Theoretical Chemistry for Drug Discovery | TACHIKAWA Masanori | Blood-tissue barrier science, Membrane transport and drug targeting, Central nervus system drug design, Quantitative proteomics |
| Pharmacognosy | KASHIWADA Yoshiki | Natural products chemistry, Bioactive natural products from plants and marine organisms, Pharmacognosy, Ethnobotany |
| Medicinal Biotechnology | ITOU Kouji | Medicinal biotechnology, Molecular and cell biology, Human molecular genetics, Genetical metabolic diseases, Gene and cell therapy, Medicinal resources from natural products |
| Molecular Medicinal Chemistry | SANO Shigeki | Organic chemistry, Medicinal chemistry, Functionalized heterocycles, Bioactive compounds |
| Pharmacology for Life Sciences | FUJINO Hiromichi | Understanding of the molecular & cellular pharmacology of G protein coupled receptors (GPCRs) is one of the goals for our research. To understand roles of prostanoid receptor signaling in cancer malignancy, especially in the early stages of development as well as the alternative functions of endogenous prostanoids as biased ligands are the main researches. Histamine H1 receptors, their singaling and gene expression are also studying. |
| Molecular Design and Synthesis | OTAKA Akira | Peptide & Protein Chemistry, Peptide-based chemical biology, Bioorganic medicinal chemistry |

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|------------------------------------|--------------------------------------|---|
| Pharmaceutical Health Chemistry | KOGURE Kentaro | Effective delivery of macromolecules by weak electric current, antioxidants, Anti-obesity, Anti-oxidative stress, Drug delivery with liposomes for stroke therapy, Biomimetic nanoparticles, Exosomes |
| Physical Pharmacy | UENO Satoru (Associate Professor) | Membrane interaction of polypeptides and macromolecules |
| Natural Products Chemistry | OOI Takashi | Isolation and structure elucidation of bioactive natural products especially from marine organisms |
| Medicinal Biochemistry | SHINOHARA Yasuo | Studies on mitochondrial functions and regulation of energy metabolism |

Doctoral Course 博士課程 Pharmacy (薬学専攻)

| Field of Research 研究分野 | Faculty 担当教員 | Detailed Description of Research Field 研究内容 |
|--|--|--|
| Clinical Pharmacology | TAKIGUCHI Yoshiharu | Pharmacotherapeutic design, Drug evaluation method, Drug interaction, Drug monitoring, Ischemia-reperfusion injury, Oxidative stress |
| Pharmaceutical Information Science | SATO Youichi | Pharmacoepidemiology, Pharmacogenetics, Human genetics, Andrology, Reproductive medicine and biology |
| Pharmacokinetics and Biopharmaceutics | ISHIDA Tatsuhiro | Drug delivery with liposome, Tumor targeting, Pharmacokinetic, Innate immunity to nanocarriers Drug delivery with albumin, Antioxidants, Nitric oxide, Reactive sulfur |
| Neurobiology and Therapeutics | KASAHARA Jiro (Associate Professor) | Pathophysiologial analysis of Parkinson's Disease, ischemia/reperfusion-induced neurodegeneration, depression, and development of novel therapeutics for them. |
| Medical Pharmacology | TSUCHIYA Koichiro | Electron paramagnetic resonance, Free radicals, Nitric oxide, Oxydative stress, I-R Stress, Nitrite metabolism |
| Molecular Cell Biology Medicine | YAMAZAKI Tetsuo | Cell Biology, Immunology, Signaling properties of the endoplasmic reticulum and mitochondria |
| Clinical Pharmacy Practice Pedagogy | ABE Shinji | Evaluation of risk factors for adverse drug reactions, Clinical pharmacy education, Cancer immunotherapy |

Research Center for Higher Education, Division of Academic Learning Support, Section of International Education 高等教育研究センター学修支援部門国際教育推進班 International Office インターナショナルオフィス

URL(https://www.isc.tokushima-u.ac.jp/english/)

| Faculty 教員 | Research Field 研究分野 |
|-------------------|--------------------------------|
| JIN Cheng-hai | Numerical Analysis |
| HASHIMOTO Satoshi | Japanese as a Foreign Language |
| SAKATA Hiroshi | English Education |
| TRAN Hoang Nam | Sociology of Education |
| KIYOFUJI Ryushun | Intercultural Education |



Useful URLs (学内ホームページアドレス)

Tokushima University (徳島大学)

https://www.tokushima-u.ac.jp/english/

Graduate School of Science and Technology for Innovation (創成科学研究科)

https://www.tokushima-u.ac.jp/department/graduate_school/sience.html

Faculty of Integrated Arts and Sciences (総合科学部)

https://www.tokushima-u.ac.jp/ias/english/

Faculty of Science and Technology (理工学部)

https://www.tokushima-u.ac.jp/st/

Faculty of Bioscience and Bioindustry (生物資源産業学部)

https://www.bb.tokushima-u.ac.jp/

Institute of Biomedical Sciences (医歯薬学研究部)

https://www.tokushima-u.ac.jp/hbs/english/

Faculty of Medicine (医学部)

Graduate School of Medical Sciences (医科学教育部)

Graduate School of Nutrition and Bioscience (栄養生命科学教育部)

Graduate School of Health Sciences (保健科学教育部)

https://www.tokushima-u.ac.jp/med/english/

Faculty of Dentistry (歯学部)

Graduate School of Oral Sciences (口腔科学教育部)

https://www.tokushima-u.ac.jp/dent/english/

Faculty of Pharmaceutical Sciences (薬学部)

Graduate School of Pharmaceutical Sciences (薬科学教育部)

https://www.tokushima-u.ac.jp/ph/english/

University Library (附属図書館)

https://www.lib.tokushima-u.ac.jp/

Institute of Advanced Medical Sciences (先端酵素学研究所)

http://www.iams.tokushima-u.ac.jp/about/

The Center for Community Engagement and Lifelong Learning (人と地域共創センター)

https://www.tokushima-u.ac.jp/ ccell/

Center for Administration of Information Technology (情報センター)

https://www.ait.tokushima-u.ac.jp/

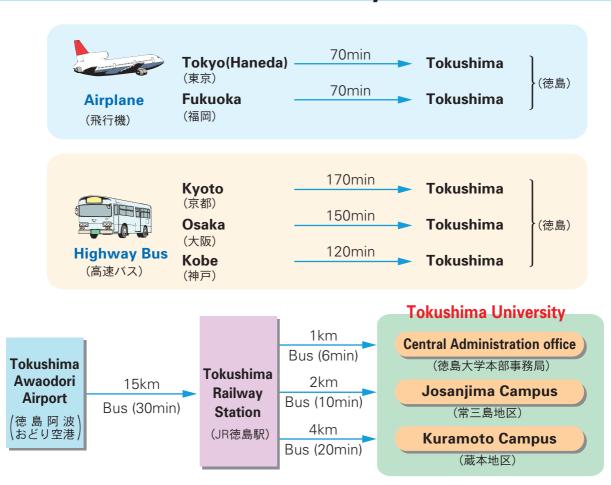
Advance Radiation Research, Education, and Management Center (放射線総合センター)

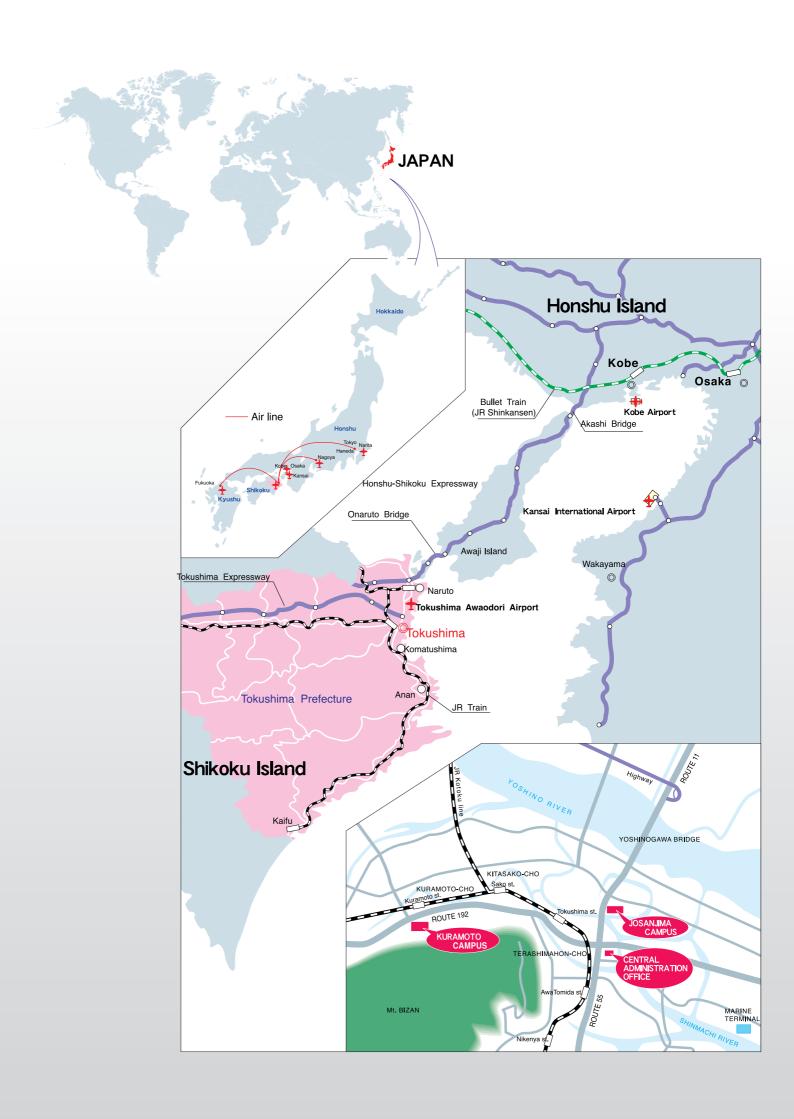
https://www.arremc.tokushima-u.ac.jp/

International Office (インターナショナルオフィス)

https://www.isc.tokushima-u.ac.jp/english/

Access to Tokushima University (徳島大学への経路)





SHINKURA CAMPUS



Tokushima University 2022
Entrance guide for students from abroad

