Tokushima University 2024

Entrance guide for students from abroad

外国人留学生のための入学案内 2024

JOSANJIMA CAMPUS

KURAMOTO CAMPUS

Contents（目　次）

Foreword

Founded in 1949, Tokushima University has six faculties, six graduate schools, a university hospital, a university library, Institute of Advanced Medical Sciences, Institute of Post-LED Photonics, and numerous joint educational and research facilities including Bio-Innovation Research Center. The University has played a pivotal role in building a creative nation and training professionals in all academic fields.

The mission of the University is to build a prospering nation, and to nurture highly skilled professionals who will play an pivotal role both domestically and internationally. To this end, our students, faculty, and staff work devotedly in the fields of education, research, social contribution, and medical services to make full use of the results of their research into innovation in a variety of settings, locally to globally. Specifically, the university's policy is to provide students with a wide range of education in related fields in addition to their major so that they can become leaders who will be active on the front lines of politics, business, education, medicine, nursing, pharmacy, industry, and other fields. University Hospital also offers state-of-the-art medical care and education and research.

Tokushima University is paving the way for global expansion by internationalizing its curriculum and actively accepting international students, as well as expanding the boundaries and integrating the knowledge of students and faculty beyond their own fields of expertise in all aspects of research and education. As an international research university yet founded locally, Tokushima University graduates approximately 1,800 students each year at the undergraduate and graduate levels, and the university as a whole works together with researchers from around the world to produce interdisciplinary and innovative research results.

Finally, Tokushima is blessed with natural beauty of green mountains and clear streams. The climate is mild and the air is fresh, making it an ideal place for study and research. Tokushima is also easily accessible, being about 70 minutes from Tokyo by air and about 150 minutes from Osaka by bus.

We hope that this booklet will help you understand the outline of Tokushima University and get up-to-date information. We also sincerely welcome all the international students and researchers studying at Tokushima University.

KAWAMURA Yasuhiko, Ph.D.
President

巻頭言

徳島大学は 1949 年に創立され，現在 6 学部と 6 大学院研究科，大学病院，附属図書館，先端酵素学研究所，ポスト LED フォトニクス研究所，ならびにバイオイノベーション研究所等をはじめとする多数の共同教育研究施設を擁しています。

本学の使命は，豊かな国づくりと国内外で活躍できる高度専門職業人を育成することです。そのために，学生や教職員は，教育，研究，社会貢献，医療サービスの各分野で献身的に活動し，その研究成果を地域からグローバルに至る多様な現場でイノベーションに活かすことを目指しています。具体的には，政治，ビジネス，教育，医療，看護，薬学，産業などの第一線で活躍するリーダーを育成するため，専攻分野に加えて関連分野の教育を幅広く行うことを方針としています。また，大学病院では，最先端の医療や教育・研究を行っています。

徳島大学は，カリキュラムの国際化や留学生の積極的な受入れ，研究・教育のあらゆる場面で学生や教員の専門分野を超えた境界の拡大や知の統合を行い，世界に展開する途を切り開いています。徳島大学は，地域に根ざし国際性を標榜する研究大学として，学部・大学院を合わせて毎年約 1,800 名の卒業生・修了生を輩出するとともに，全学的に世界各国の研究者とともに学際的・革新的な研究成果の創出に取り組んでいます。

結びとしまして，徳島には緑の山々や澄んだ川があり，自然の景観に恵まれています。気候は温暖，空気は爽やかで，勉学や研究には理想的な地です。また，徳島は東京から航空機で約 70 分，大阪からはバスなどで約 150 分の距離にありアクセスも良い場所にあります。

この冊子が徳島大学の歴史と概要をご理解いただく一助となれば幸いです。そして，徳島大学へ留学される皆様，研究者の皆様を心より歓迎いたします。

徳島大学長　河　村　保　彦

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. The Faculty of Bioscience and Bioindustry aims to foster talented people who can contribute to creation of new industries utilizing biological resources.
At the Kuramoto campus, at the foot of Mt. Bizan, there are three faculties, Medicine, Dentistry and Pharmaceutical Sciences, and five graduate schools, Medicine, Medical Nutrition, Oral Sciences, Pharmaceutical Sciences, and Health Sciences. 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。生物資源産業学部は，生物資源を活用した新たな産業の創出に貢献できる人材の育成を目指しています。
眉山の麓にある蔵本キャンパスには，医学部，歯学部，薬学部と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 2024（2024 年度　学年暦）

First Semester（前　期）

April 1 ４月１日	Semester begins （前期開始）
April 1 ～ April 5 ４月１日～４月５日	Spring Vacation （春季休業）
August 1 ～ August 31 ８月１日～８月 31 日	Summer Vacation （夏季休業）
September 30 ９月 30 日	Semester ends （前期終了）

Second Semester（後　期）

October 1 10 月１日	Semester begins （後期開始）
December 25 ～ January 7 12 月 25 日～１月７日	Winter Vacation （冬季休業）
March 25 ～ March 31 ３月 25 日～３月 31 日	Year-end Vacation （学年末休業）
March 31 ３月 31 日	Semester ends （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, Sciences and Technology for Innovation
(Regional Development, Clinical Psychology, Sciences and Technology for Innovation)
（総合科学部，創成科学研究科（地域創成専攻，臨床心理学専攻，創成科学専攻））
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）
TEL ＋81−88−656−7108
FAX ＋81−88−656−9314

Medicine, Medicine（医学部，医学研究科）
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，口腔科学研究科）
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，薬学研究科）
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

Medical Nutrition（医科栄養学研究科）
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（保健科学研究科）
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

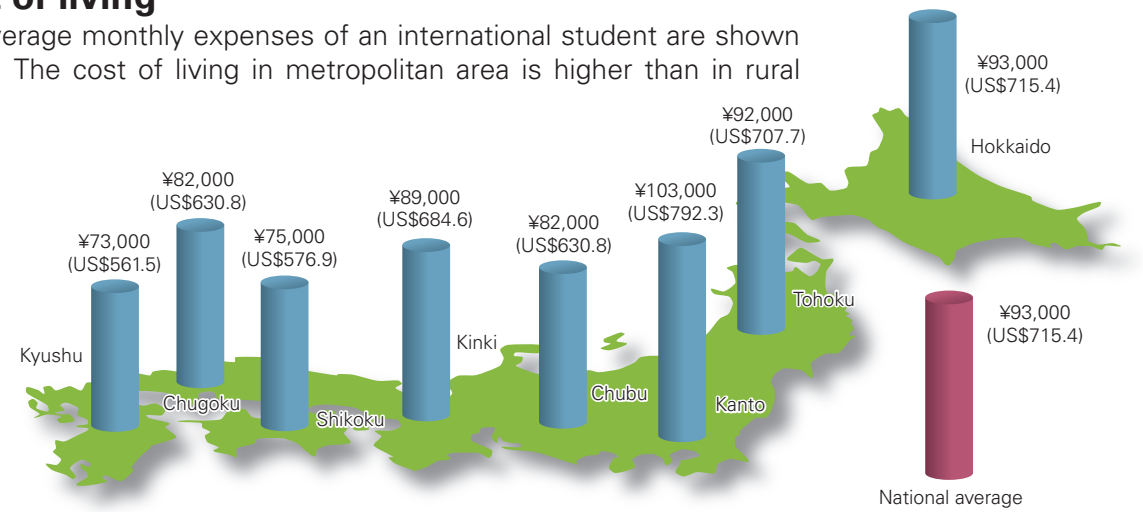
Science and Technology, Sciences and Technology for Innovation
(Science and Technology, Sciences and Technology for Innovation)
（理工学部・創成科学研究科（理工学専攻・創成科学専攻））
2-1 Minami-josanjima-cho, Tokushima, 770-8506, Japan
（〒770−8506　徳島市南常三島町 2 丁目 1 番地）
TEL ＋81−88−656−7315
FAX ＋81−88−656−2158

Bioscience and Bioindustry, Sciences and Technology for Innovation
(Bioresource Science, Sciences and Technology for Innovation)
（生物資源産業学部・創成科学研究科（生物資源学専攻・創成科学専攻））
2-1 Minami-josanjima-cho, Tokushima, 770-8513, Japan
（〒770−8513　徳島市南常三島町 2 丁目 1 番地）
TEL ＋81−88−656−8021
FAX ＋81−88−656−8029

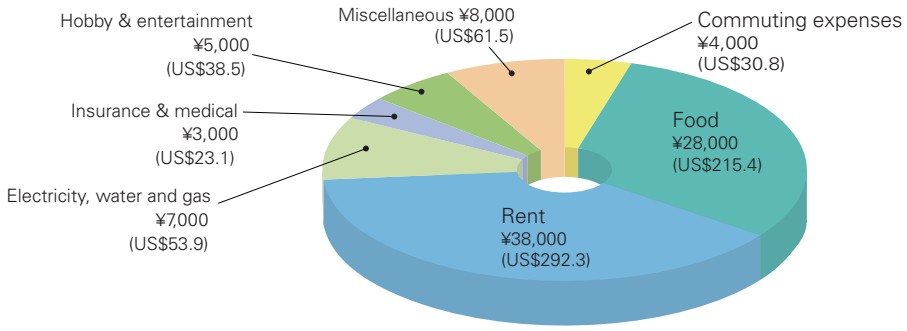
Living Cost in Japan（日本での生活費）

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.



◎ Breakdown of itemized monthly spending (national average)

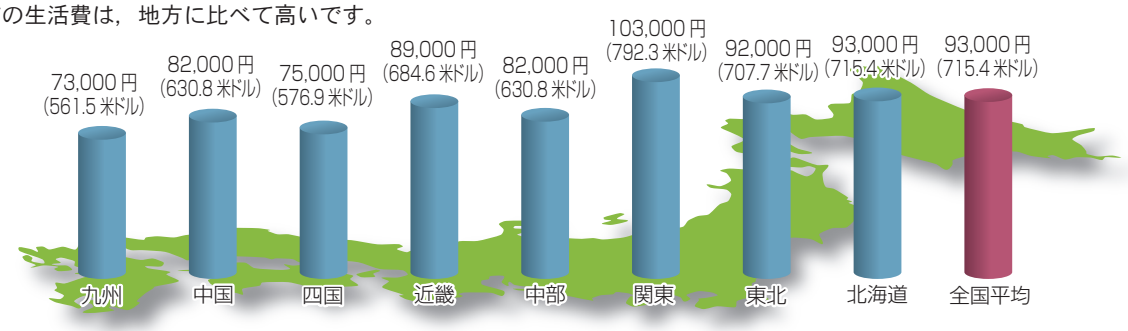


※Calculated at US$1 = ¥130

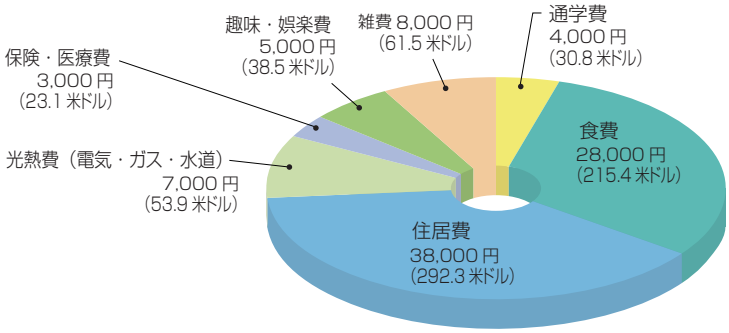
Source : Lifestyle Survey of Privately Financed International Students 2021 (JASSO)

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。
大都市の生活費は，地方に比べて高いです。



◎1カ月の支出項目別内訳（全国平均）



※１米ドル＝130 円で計算

出典：「令和３年度私費外国人留学生生活実態調査」（JASSO）

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.ias.tokushima-u.ac.jp/）	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））
Faculty of Medicine（医学部） URL（https://www.tokushima-u.ac.jp/med/english/）	School of Medicine（医学科）	Bachelor of Medicine（学士（医学））
	School of Medical Nutrition（医科栄養学科）	Bachelor of Nutritional Science（学士（栄養学））
	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/english/）	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）	Bachelor of Bioscience and Bioindustry（学士（生物資源産業学））

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 Technology for Innovation （創成科学研究科） URL（https://www.sti.tokushima-u.ac.jp/en/）	Master Course （博士前期課程）	Regional Development （地域創成専攻）	Master of Arts （修士（学術））
		Clinical Psychology （臨床心理学専攻）	Master of Clinical Psychology （修士（臨床心理学））
		Science and Technology （理工学専攻）	Master of Science （修士（理学）） Master of Engineering （修士（工学））
		Bioresource Science （生物資源学専攻）	Master of Bioresource Science （修士（生物資源学））
	Doctoral Course （博士後期課程）	Sciences and Technology for Innovation （創成科学専攻）	Doctor of Philosophy （博士（学術）） Doctor of Engineering （博士（工学）） Doctor of Agriculture （博士（農学））
Medicine （医学研究科） URL（https://www.tokushima-u.ac.jp/med/english/graduate/medicine.html）	Master Course （修士課程）	Medical Science （医科学専攻）	Master of Science （Medical Science） （修士（医科学））
	Doctoral Course （博士課程）	Medicine （医学専攻）	Doctor of Philosophy （Medical Science） （博士（医　学））
Oral Sciences （口腔科学研究科） URL（https://www.tokushima-u.ac.jp/dent/english/）	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））
	Doctoral Course （博士課程）	Oral Sciences （口腔科学専攻）	Doctor of Philosophy （Dental Science） （博士（歯　学）） Doctor of Philosophy （博士（学　術））
	Doctor's Course （博士後期課程）	Oral Health Science （口腔保健学専攻）	Doctor of Oral Health Science （博士（口腔保健学）） Doctor of Philosophy （博士（学　術））
Pharmaceutical Sciences （薬学研究科） URL（https://www.tokushima-u.ac.jp/ph/english/）	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））
	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））
	Doctoral Course （博士課程）	Pharmacy （薬学専攻）	Doctor of Philosophy （Clinical Pharmaceutical Sciences） （博士（薬　学））
Medical Nutrition （医科栄養学研究科） URL（https://www.tokushima-u.ac.jp/med/english/graduate/nutrition.html）	Master Course （博士前期課程）	Medical Nutrition （医科栄養学専攻）	Master of Science （Nutritional Science） （修士（栄養学））
	Doctoral Course （博士後期課程）	Medical Nutrition （医科栄養学専攻）	Doctor of Philosophy （Nutritional Science） （博士（栄養学））
Health Sciences （保健科学研究科） URL（https://www.tokushima-u.ac.jp/med/english/graduate/health_sciences.html）	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））
	Doctoral Course （博士後期課程）	Health Sciences （保健学専攻）	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 Medicine, 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, Dental Science 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) 2023 which are specified by Tokushima University
4 Faculty-specific requirements
Please check your conditions in the application guideline and application procedure. 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，かつ，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

⑴　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 2024 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

⑵　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

⑶　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 2023 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

入学者選抜要項及び学生募集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 Sciences and Technology for Innovation (Regional Development, Clinical Psychology, Bioresource Science), 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.
2 Those who have been awarded or who are expected to be awarded a Bachelor's degree in Japan as specified in Paragraph 7, Article 104 of School Education Law.
3 Those who have completed at least a total of 16 years of school education or those who will complete it by time of admission.
4 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.
5 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, Culture, Sports, Science and Technology by time of admission.
6 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, Culture, Sports, Science and Technology).
7 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.

8 Those who have completed at least 15 years of school education with high records and qualified by the Graduate School of Tokushima University.

9 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　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 16 年の課程を修了した者又は修了見込みの者

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 16 年の課程を修了した者又は修了見込みの者

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 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

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 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

7　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

8　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

9　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

3 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

5 Those who have completed a course at United Nations University, and been awarded a degree equivalent to master's degree

6 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
8 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 (Medicine, Oral Sciences and Pharmaceutical Sciences)】
（医学研究科，口腔科学研究科及び薬学研究科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
3 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
5 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
6 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)


Local tradition, Awa dance

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，各研究科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，各研究科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）

This is a program that we select and nominate new students from abroad as candidates for the scholarship.
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 38).
After Tokushima University recommends candidates to Monbukagakusho, Monbukagakusho finally selects the recipients of the scholarship.

新たに海外から留学する者を採用する制度です。
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。

The Awarding Ceremony of Scholarship for International Students

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 2023)

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 (excluding international students sent by foreign governments).

・Tokushima University Fund for International Education and Research Exchanges
Allowance: 30,000 Yen/month or 45,000 Yen/month (FY2023)

・Fujii-Otsuka Fund for International Education and Research Exchanges
Allowance: 30,000 Yen/month or 48,000 Yen/month (FY2023)

(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（2023 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
⑴「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（2023 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（2023 年度）
⑵「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）	9,800 Yen	84,600 Yen	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 April, 2022

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.

1 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 (Immigration Services Agency of Japan) 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）が出入国在留管理庁地方出入国在留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 （在留資格）	Activities permitted in Japan （本邦において行うことができる行動）	Duration （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〕	Period designated individually by the Minister of Justice (4 years and 3 months of less) 〔法務大臣が個々に指定する期間（４年３月を超えない範囲）〕

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.sti.tokushima-u.ac.jp/en/)

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 five courses, Regional Development, Clinical Psychology, Science and Technology, Bioresource Science, and Sciences and Technology for Innovation. 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, leading-edge 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.

(Master Course)

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.

(Doctoral Course)

This course comprises seven programs, the Social and Infrastructure System Program, Applied Chemistry and Biological Engineering Program, Mechanical Science Program, Electrical Engineering, Electronics and Physics Program, Computer Science and Mathematical Science Program, Bioresources Program, Optical Science Program. In response to the demand from society for professionals, who, with solid foundations in research skills and expertise in each specialized field, the doctoral courses develop personnel who will be leading teams and organizations in order to respond to the demands of the fast changing society. They are professionals, researchers, and entrepreneurs who are capable of identifying key challenges of the future to independently find ways for solutions, with flexibility and responsiveness to changes in global situations. Upon the completion of the requirement of the course, one of the degrees of Doctor of Philosophy, Doctor of Engineering, or Doctor of Agriculture will be conferred.

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」，「創成科学専攻」の 5 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。

(博士前期課程)

≪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。

(博士後期課程)

≪創成科学専攻≫

本専攻には，「社会基盤システムプログラム」「化学生命工学系プログラム」「機械科学系プログラム」「電気電子物理科学系プログラム」「知能情報・数理科学系プログラム」「生物資源学系プログラム」「光科学系プログラム」の 7 プログラムを置き，中長期に亘る社会からの本学への要請を踏まえ，それぞれの専門基盤・基幹技術，並びに幅広い知見と研究能力を有し，やがてはそれぞれの分野で指導的役割を負える人材育成を行います。それによって，次世代の課題探求とその解決能力を有するのみならず，国際環境の変化にも柔軟，かつ自律的に対応できる高度専門職業人・研究者・起業家人材を育成します。

なお，本専攻修了者には「博士（学術）」，「博士（工学）」，「博士（農学）」のいずれかの学位が授与されます。

Graduate School of Medicine（医学研究科）

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

The Graduate School of Medicine 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.

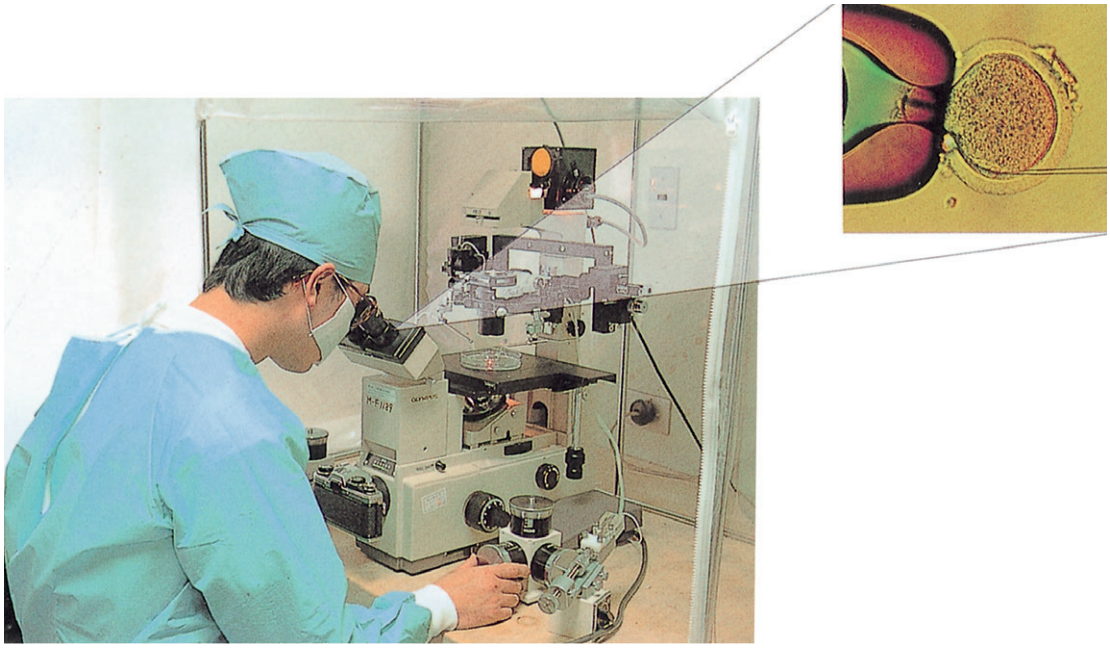
Since the task of the Graduate School is to foster “researchers with creativity who are independent to instruct others”, students will have elaborate daily lives seeking to become “professional researchers competing their research towards the world”.

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.

大学院医学研究科は，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 Medical Nutrition（医科栄養学研究科）

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

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 Medical Nutrition as it now stands.

The Graduate School of Medical Nutrition 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 Appication, 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.

大学院医科栄養学研究科は，医科栄養学専攻の大学院で，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。

この研究科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，食品栄養学，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。

医科栄養学研究科に入学する者は，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。

医科栄養学研究科では，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（保健科学研究科）

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

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.

大学院保健科学研究科は，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。

An Introduction to the Global Double-Degree Program

In concert with the College of Nursing, Silliman University and Graduate School, Doctor of Philosophy in Nursing Science, St. Paul University (Republic of the Philippines) (hereinafter referred to as "Foreign Partner Universities"), and on the basis of the agreements on academic cooperation made with respective institution, the Graduate School of Health Sciences, Tokushima University has established "the Dual Degree Program of International Partner Graduate Schools" with each university in which students of both university can dually earn degrees from Tokushima University and the Foreign Partner Universities. In this program, students who are enrolled both in the Graduate School of Health Sciences, Tokushima University and in the Foreign Partner Universities aim to earn the Doctoral degrees from both institutions under the guidance of his/her mentors from both institutions.

国際連携大学院共同学位プログラム

博士後期課程生涯健康支援学領域では, シリマン大学（フィリピン), セントポール大学（フィリピン）と共同して，複数学位の取得を目指すプログラムを実施しています。本プログラムに入学する大学院生は，上記協定締結大学と徳島大学に籍を置き，両大学の指導教員の指導のもと，双方の大学から博士（看護学および保健学）の学位の取得を目指します。

The Integrated Interdisciplinary Health Care Graduate Program in English, Master and Doctoral Course, Graduate School of Health Sciences

In this program, all courses can be taken in English. The Master's Program will also begin in the 2024 academic year. Students in the Master's Program aim to earn a Master's degree (Nursing or Health Sciences). Doctoral students aim to earn Doctoral degrees (Health Sciences). Students must earn the number of credits stipulated below.

Course	Compulsory	Elective	Total
Master	20 credits	10 credits or more	30 credits or more
Doctor	6 credits	4 credits or more	10 credits or more

大学院保健科学研究科博士前期課程英語プログラム及び博士後期課程統合医療学際教育英語プログラム

本プログラムでは，全ての科目を英語で履修することが可能です。2024 年度から博士前期課程でも英語プログラムを開始します。博士前期課程では，修士（看護学）または修士（保健学）のいずれかの学位の取得を目指します。博士後期課程では，博士（保健学）の学位の取得を目指します。学生は，次表に定める単位を修得する必要があります。

課　　程	必修科目	選択科目	計
博士前期課程	20 単位	10 単位以上	30 単位以上
博士後期課程	6 単位	4 単位以上	10 単位以上

Graduate School of Oral Sciences（口腔科学研究科）

(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 (Dental Science)” or “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.

大学院口腔科学研究科においては，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。

口腔科学研究科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。

Oral Bioscience

Department of Stomatognathic Function and Occlusal Reconstruction

Graduate School of Pharmaceutical Sciences（薬学研究科）

（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.

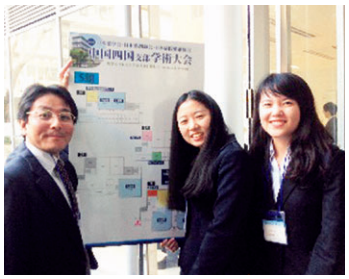
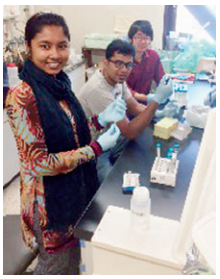
Both courses are designed to promote the systematic knowledge and the ability to carry out research in related fields through the unique curriculums and supervising by academic advisors. The goal of these programs is to develop competent professionals with both interdisciplinary skills and high expertise.

大学院薬学研究科は，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。

薬学研究科は，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 Medicine, Oral Sciences, Pharmaceutical Sciences, Medical Nutrition, 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

医学・口腔科学（博士課程：４年）・薬学・医科栄養学・保健科学（博士後期課程：３年）の各研究科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, Division of Sciences and Technology for Innovation). 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; 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.

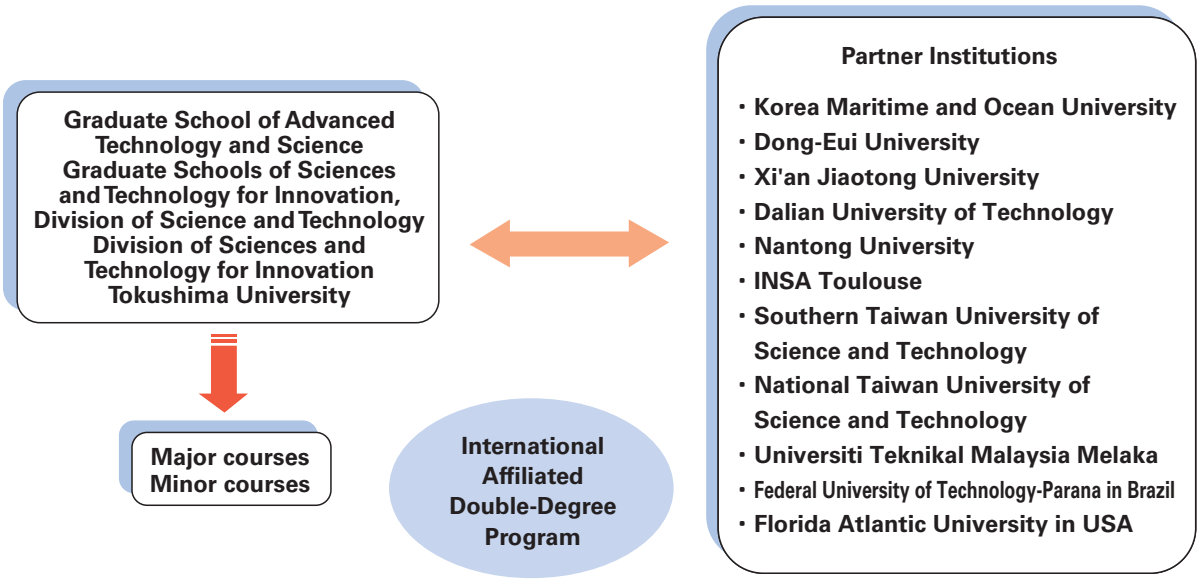
We hope to foster a type of engineer/researcher who has a broad knowledge, in addition to his/her major, and the ability to think flexibly while acquiring two degrees, one from Tokushima University and one from an overseas partner institution.

As a part of the Global Double-Degree Program, a short Spring School and Summer School courses are organized 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, 創成科学研究科理工学専攻及び創成科学専攻は韓国海洋大学校（韓国), 東義大学校（韓国), 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。



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，創成科学研究科理工学専攻及び創成科学専攻と中国，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。

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. In 2023, four new laboratories will join IAMS. 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，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。2023 年には，新たに 4 分野が加わる予定です。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
2022 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 Synthetic Organic Chemistry
Technology Development Support Team	Genomics, Transcriptomics research support Proteomics research support Genome editing research support Drug discovery research support Liaison office Medical Research Division for High Depth Omics

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）

Main Library

The University Library comprises two facilities supporting education and research. The Main Library on the Josanjima Campus serves as a general library, while the Life Sciences Library on the Kuramoto Campus is a library covering medical, dental, and pharmacological subjects.
The collection of about 670,000 books covers a wide range of material such as books on Japanese language and culture, as well as specialist books in various fields, from liberal arts and sciences to professional education. The library houses around 82,100 electronic journals, and you can access the latest academic papers. The search functions of document databases such as Scopus and CAS SciFinder^{n} can be used for identifying global research trends and so on.
The libraries have areas for both individual study and collaborative learning to accommodate various learning styles. Wi-Fi is available.
The libraries are open to the general public to support lifelong learning and to promote the culture of the local community.

◎ Library hours

	Weekday	Weekend/National Holiday
Main Library	8:30 ～ 22:00	10:00 ～ 17:00
Life Sciences Library	8:30 ～ 21:00	10:00 ～ 17:00

Life Sciences Library

附属図書館は，総合図書館としての本館（常三島地区）と，医歯薬に跨る生命科学系専門図書館としての蔵本分館（蔵本地区）の２館からなり，各館の特徴を生かして，教育・研究活動を支援しています。

約 670,000 冊の蔵書は，日本語や日本文化を学ぶための図書の他，様々な分野の専門図書など幅広い資料を備え，教養教育から専門教育へ至る学習に活用されています。電子ジャーナルは約 82,100 種利用可能で，最新の学術論文へアクセスできます。また，文献データベースの Scopus や CAS SciFinder^{n} 等を利用した文献検索により，世界の研究動向調査等の研究活動を支えています。

館内には多様な学習形態に対応するため，個人学習のためのエリアや，共同学習のためのラーニング・コモンズなどの施設を備え，Wi-Fi などの設備も充実しています。

また，一般市民にも広く開放することにより，生涯学習等を支援するとともに地域社会の文化振興に努めています。

◎開館時間

	平日	休日
本館	8:30 ～ 22:00	10:00 ～ 17:00
蔵本分館	8:30 ～ 21:00	10:00 ～ 17:00

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/）

The 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 their job hunting in Japan
- ③ To provide Japanese language programs (intensive and supplementary classes) and English programs for international students
- ④ To host cultural exchange activities, such as English Chat Room, 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 of Japan and Japanese society
- ⑥ To organize Summer Program and accept foreign students learning Japanese language and culture

(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 intercultural understanding and English learning for Japanese students planning to study abroad and / or wishing to participate in international exchange programs

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，英語チャットルーム，グローバルランチ，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・文化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ます。
- 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 海外留学や国際交流を希望している日本人学生への異文化理解・英語学習のサポートをしています。


International Summer School
Tokushima University
サマースクール「徳島であおう」


International Summer School
Tokushima University
サマースクール「徳島であおう」


徳島大学インターナショナルオフィス
日本語研修コース修了式
徳島大学 高等教育研究センター

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
	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

International House

Rooms for Singles
（単身室）

Room

Room

The International House of NICHIA-KAIKAN of Tokushima University

The International House
of NICHIA-KAIKAN

Courtyard

Room

Tokushima University Kuramoto Dormitory

Room

Tokushima University
Kuramoto Dormitory

Academic Cooperation Agreements (University-Wide)

学術交流協定締結校（大学間協定）

令和５年５月１日現在
As of May 1, 2023

	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	武漢大学 Wuhan University	中国 China	1995.10.9	○
3	フロリダアトランティック大学 Florida Atlantic University	アメリカ合衆国 USA	1995.3.31	○
4	ガジャマダ大学 Gadjah Mada University	インドネシア Indonesia	1996.8.22	○
5	慶北大学 Kyungpook National University	韓国 Korea	1998.10.28	○
6	韓国海洋大学 Korea Maritime and Ocean University	韓国 Korea	2001.5.9	○
7	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	—
8	吉林大学 Jilin University	中国 China	2002.7.2	○
9	西安交通大学 Xi’ an Jiaotong University	中国 China	2003.8.25	○
10	バーゼル大学 University of Basel	スイス Switzerland	2005.12.20	—
11	南通大学 Nantong University	中国 China	2005.9.5	—
12	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）
13	ゴンダール大学 University of Gondar	エチオピア Ethiopia	2007.6.28	○
14	南京大学 Nanjing University	中国 China	2008.10.21	○
15	マレーシアサインズ大学 Universiti Sains Malaysia	マレーシア Malaysia	2009.12.7	—
16	ハノーバー医科大学 Hannover Medical School	ドイツ Germany	2009.3.15	○
17	モナシュ大学 Monash University	オーストラリア Australia	2009.7.22	—
18	ソウル国立大学 Seoul National University	韓国 Korea	2011.10.25	—
19	サビトリバイ　プーレ　プネ大学 Savitribai Phule Pune University	インド India	2013.11.21	○
20	マレーシア工科大学 Universiti Teknologi Malaysia	マレーシア Malaysia	2013.12.13	○
21	マレーシア国民大学 Universiti Kebangsaan Malaysia	マレーシア Malaysia	2014.3.3	—
22	マラヤ大学 University of Malaya	マレーシア Malaysia	2014.4.30	○
23	国立台湾科技大学 National Taiwan University of Science and Technology	台湾 Taiwan	2014.6.27	○
24	マレーシアマラッカ技術大学 Universiti Teknikal Malaysia Melaka	マレーシア Malaysia	2014.9.22	○
25	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	○ （歯）
26	ベトナム国立栄養院 National Institute of Nutrition	ベトナム Vietnam	2016.3.30	—
27	ベトナム国立農業大学 Vietnam National University of Agriculture	ベトナム Vietnam	2016.10.30	○
28	キングモンクット工科大学トンブリー King Mongkut's University of Technology Thonburi	タイ Thailand	2016.12.2	○
29	ボルドー大学 University of Bordeaux	フランス France	2016.12.21	○
30	ダナン大学 The University of Da Nang	ベトナム Vietnam	2017.3.20	○
31	南イリノイ大学 Southern Illinois University	アメリカ合衆国 USA	2017.7.25	—
32	トリニティウエスタン大学 Trinity Western University	カナダ Canada	2017.7.31	—
33	パラナ連邦工科大学 The Federal University of Paraná	ブラジル Brazil	2017.8.16	○
34	ミラノ大学 University of Milan	イタリア Italy	2017.11.15	○
35	東国大学 Dongguk University	韓国 Korea	2019.4.8	○
36	大連理工大学 Dalian University of Technology	中国 China	2019.12.25	○
37	テクニオン - イスラエル工科大学 Technion - Israel Institute of Technology	イスラエル Israel	2020.12.22	○
38	レイリア工科大学 Polytechnic of Leiria	ポルトガル Portugal	2021.7.5	○
39	ヴェリコ・タルノヴォ大学 St. Cyril and St. Methodius University of Veliko Tarnovo	ブルガリア Bulgaria	2022.1.5	○

＊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.

Academic Cooperation Agreements (Faculty-Level)

学術交流協定締結校（部局間協定）

令和５年５月１日現在
As of May 1, 2023

	部局 Faculty/Graduate School	国・地域名 Country/Region	協　定　校　名 Partner Institution	締結年月日 Date Concluded	授業料不徴収* Tuition Waiver*
1	総合科学部 Faculty of Integrated Arts and Sciences	中国 China	寧波大学外国語学院 Faculty of Foreign Language, Ningbo University	2017.12.18	○
2		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	○
3		台湾 Taiwan	国立嘉義大学人文芸術学院 College of Humanities and Arts, National Chiayi University	2012.11.1	○
4			育達科技大学人文社会学院 College of Humanities and Social Sciences, Yu Da University of Science and Technology	2015.5.28	○
5			開南大学人文社会学院 School of Humanities and Social Sciences, Kainan University	2016.7.29	○
6		カナダ Canada	ビショップス大学 Bishop's University	2013.12.13	○
7		ラトビア Latvia	ラトビア大学人文学部 Faculty of Humanities, University of Latvia	2017.3.13	○
8		ベトナム Vietnam	ベトナム国家大学ハノイ校外国語大学 University of Languages and International Studies, Vietnam National University, Hanoi	2017.3.20	○
9		クロアチア Croatia	ザグレブ大学人文社会科学部 Faculty of Humanities and Social Sciences, University of Zagreb	2017.6.12	○
10		ベルギー Belgium	ゲント大学文学哲学部 Faculty of Arts and Philosophyollege of Humanities, Ghent University	2019.4.3	○
11		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	○
12		アメリカ合衆国 USA	スリバリーロック大学 Slippery Rock University	2020.3.12	―
13	医学部 Faculty of Medicine	フィンランド Finland	メトロポリア応用科学大学保健学部 School of Health Care, Metropolia University of Applied Sciences	2011.11.8	○
14		ネパール Nepal	トリブバン大学医学部 Institute of Medicine, Tribhuvan University	2012.12.12	―
15	医学部 大学院医科栄養学研究科 Faculty of Medicine, Graduate School of Medical Nutrition	韓国 Korea	延世大学スペース・バイオサイエンス研究部 Institute of Space Bioscience, Yonsei University at Wonju	2012.8.29	○
16	医学部 大学院保健科学研究科 Faculty of Medicine, Graduate School of Health Sciences	タイ Thailand	プリンスオブソンクラ大学看護学部 Faculty of Nursing, Prince of Songkla University	2016.11.25	○
17		フィリピン Philippines	セントポール大学フィリピン St. Paul University Philippines	2016.12.5	○
18			シリマン大学看護学部 College of Nursing, Silliman University	2019.5.9	―
19	歯学部 Faculty of Dentistry	韓国 Korea	朝鮮大学歯学部 College of Dentistry, Chosun University	1997.6.13	―
20		中国 China	中国医科大学口腔医学院 School of Stomatology, China Medical University	2008.4.17	○
21			上海交通大学医学院付属第九人民医院 Ninth People's Hospital Medical School, Shanghai Jiao Tong University	2010.6.25	―
22		フィンランド Finland	メトロポリア応用科学大学リハビリテーション・医療検査学部 School of Rehabilitation and Examination, Metropolia University of Applied Sciences	2010.8.16	○
23		インドネシア Indonesia	ハントゥアー大学歯学部 Faculty of Dentistry, Hang Tuah University	2012.6.1	―
24			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	―
25			ハサヌディン大学歯学部 Faculty of Dentistry, Hasanuddin University	2014.4.8	―
26			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	―
27			ウダヤナ大学 Udayana University	2018.10.25	―
28		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	―
29		インド India	スリハサナンバ歯科大学 Sri Hasanamba Dental College	2019.2.4	○
30			マニパール歯科大学マンガロール校 Manipal College of Dental Sciences, Mangalore	2019.7.10	○
31			SRM 歯科大学 SRM Dental College	2019.9.17	○
32	薬学部 Faculty of Pharmaceutical Sciences	アメリカ合衆国 USA	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 Eshelman School of Pharmacy, The University of North Carolina at Chapel Hill	2009.1.27	○
33		中国 China	大理大学薬学化学院 College of Pharmacy and Chemistry, Dali University	2010.3.24	○
34			天津医科大学薬学院 School of Pharmacy, Tianjin Medical University	2011.3.7	○
35			中国科学院広西植物研究所 Guangxi Institute of Botany, Chinese Academy of Sciences	2017.1.30	―
36		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	○
37			インド国政府科学技術省生物資源持続型開発研究所（ISBD） Institute of Bioresources and Sustainable Development (IBSD), an Autonomous Institute of Department of Biotechnology, Ministry of Science & technology, Government of India	2021.8.12	○
38		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	―
39		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	○
40		ドイツ Germany	レーゲンスブルク大学薬学部 Faculty of Chemistry and Pharmacy, University of Regensburg	2022.9.6	○
41	理工学部 Faculty of Science and Technology	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	○
42		ドイツ Germany	ラインマイン応用科学大学工学部 Faculty of Engineering, Rhein Main University of Applied Sciences	2002.7.29	○
43		韓国 Korea	東義大学大学院 Graduate School, Dong-eui University	2008.12.15	○
44		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	○
45		インド India	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 Faculty of Science, Dr. Babasaheb Ambedkar Marathwada University	2013.3.15	○
46		モンゴル Mongolia	モンゴル科学技術大学情報通信技術学部 School of Information and Communication Technology, Mongolian University of Science and Technology	2018.10.3	○
47		チェコ Czech	ブルノ工科大学中央ヨーロッパ技術研究所（CEITEC） Central European Institute of Technology (CEITEC), Brno University of Technology	2020.11.24	○
48	大学院社会産業理工学研究部理工学域 Division of Science and Technology, Graduate School of Technology, Industrial and Social Sciences	アメリカ合衆国 USA	コロラド大学ボルダー校 The University of Colorado at Boulder	2016.3.28	―
49	大学院創成科学研究科 Graduate School of Sciences and Technology for Innovation	インド India	ノースマハラシュトラ大学（理学院群及び技術大学院） North Mahashtra University	2014.5.4	○
50	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	―
51	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	―

＊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, 2023

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)
Asia (アジア)	Taiwan (台湾)		10（2）	2（1）	12（3）
	Korea (韓国)	20（6）			20（6）
	China (中国)		59（20）	14（5）	73（25）
	Mongolia (モンゴル)		16（9）		16（9）
	India (インド)		9（5）		9（5）
	Bangladesh (バングラデシュ)		8		8
	Vietnam (ベトナム)	2（1）	8（4）		10（5）
	Indonesia (インドネシア)	1（1）	9（5）		10（6）
	Malaysia (マレーシア)	3（1）	4（1）		7（2）
	Philippines (フィリピン)		4（1）		4（1）
North America (北米)	USA (アメリカ)		1		1
	Canada (カナダ)			1（1）	1（1）
Oceania (大洋州)	Australia (オーストラリア)	1			1
Africa (アフリカ)	Egypt (エジプト)		1		1
	Ethiopia (エチオピア)		1		1
Total (合計)	15 Countries & Regions 15カ国・地域	27（9）	130（47）	17（7）	174（63）

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）　701,962

（Details）（内　訳）

Tokushima City（徳島市）	249,196
Naruto City（鳴門市）	53,026
Komatsushima City（小松島市）	35,000
Anan City（阿南市）	67,488
Yoshinogawa City（吉野川市）	37,331
Awa City（阿波市）	33,336
Mima City（美馬市）	26,897
Miyoshi City（三好市）	22,227
Other Areas（その他）	177,461

（As of January 1, 2023）

Awaodori (Traditional dance)

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 ㎢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 194 ㎞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 ㎜, low for Japan.

On the other hand, southern Tokushima Prefecture has the most rainfall in Japan, 3,000 ㎜. 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)

Master Course　博士前期課程

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
	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	Sociolinguistic Study 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	UCHIUMI Chigusa	The impact of traumatic events on mental health
	SATO Kenji	Cognitive behavioral research of Trauma, Anxiety, Depression and Aggressive
	SATO Yutaka	Perceptual Mechanism and Cognitive Function

Master Course 博士前期課程
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
	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
	NODA Minoru	Evaluation and improvement of dynamic performance of structures under extreme weather
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
	JIANG Jing-Cai	Prediction and countermeasures of landslides and slope disaster
	OGAWA Hiroki	Architectural planning and design for dwellings and public facilities
Regional and Environmental Planning	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）

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
	MINAGAWA Keiji	Synthesis and property of stimuli-responsive and other functional materials
	HIRANO Tomohiro	Study on stereospecificity in polymerization reaction
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）

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 Systems	TAKADA Atsushi	Optical fiber transmission, optical signal processing
	KUBO Tomohiro	Control of time-delay systems
Intelligent Networks and Computer Science	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	UETA Tetsushi	Research on bifurcation problems and visualization of nonlinear dynamical systems
	MATSUURA Kenji	Research on multimedia application for learning and ICT infrastructure
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
Terahertz, optical comb, and nonlinear optical microscopy	YASUI Takeshi	Advanced Photonics based on next-generation light
Near-Field Optics and Nanophotonics	HARAGUCHI Masanobu	Photon localization in nano-scale plasmonic structure and its application
Nanomaterial Photonics	FURUBE Akihiro	Advanced laser spectroscopy for optical nanomaterials
Nanophotonics	YANO Taka-aki	Advanced nano-optical devices and their applications to Optical sensing and imaging
Optical Information System	YAMAMOTO Kenji	Visual technologies for ultra-realistic images and 3D images
Medical Image Analysis	KAWATA Yoshiki	Medical imaging, AI-based computer-aided diagnosis systems
Optical communication and computing	FUJIKATA Jun-ichi	High-speed optical communication and computing technology with advanced photoniccomponents and functional optical circuits

Master Course 博士前期課程
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
Biomass Conversion	ASADA Chikako	Study on development efficient processes for the utilization of biomass as useful chemical resources
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
Biophysical chemistry	MATSUKI Hitoshi	Biophysicochemical study on aggregate systems of amphiphilic molecules
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
Lipid Biochemistry	TANAKA Tamotsu	Study on functional lipids for development of food supplements and medicines
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
Insect Science	MITO Taro	Study on insect genome function and utilization of insects as a food resource
Livestock science	MORIMATSU Fumiki	Research and development of animal production system and utilization of livestock products

Doctoral Course 博士後期課程
Sciences and Technology for Innovation （創成科学専攻）

Field of Research 研究分野	Faculty 担当教員	Detailed Description of Research Field 研究内容
Social and Infrastructure System Program	TAKAHASHI Shinichi	Analysis on Asian Folk Culture from the Viewpoint of Cultural Anthropology and Folklore
	MIURA Hajime	Devising novel exercise prescription for the life style disease and care protection
	YABE Takuya	Sociological empirical research for the fomation of sustainable society
	ANMA Ryo	Tectonics, Structural Geology, Ridge subduction and related magmatism, Development of accretionary complexes
	UEDA Takao	Diagnosis techniques and repair methods against various kinds of deterioration mechanism of reinforced concrete structures
	OGAWA Hiroki	Earthquake resistance of the wooden house and utilization of vacant house for extending life of the building
	OKUSHIMA Masashi	Analysis of traffic phenomena, evaluation of urban policy and traffic policy, and evaluation of urban structure in order to form a disaster-resilient and environmentally sustainable urban area
	KAMADA Mahito	Ecological methods and governance system for nature-based solutions
	KOZUKI Yasunori	Studies on Environmental Conservation in the Satoumi and Regional Disaster Prevention
	JIANG Jing-Cai	Analysis and prediction of geotehnical/geological disasters and development of geohazard mitigation techniques
	HASHIMOTO Chikanori	High performance of construction materials and construction method on concrete in order to contribute to SDGs
	BABA Toshitaka	Researches on the mechanisms of tsunami generation associated with earthquakes and landslides, the physics of tsunami propagation and run-up, and tsunami damage mitigation measures
	MUTO Yasunori	Fluvial process on environmental restoration and disaster mitigation
Applied Chemistry and Biological Engineering Program	ASADA Chikako	Bioconversion method using cellulosic biomass into energy and material
	IMAI Shoji	Development of methodology, application and instrument of trace element analysis in environmental, biological, food and materials
	UTO Yoshihiro	Molecular design, synthesis and functional analysis of organic compounds with various biological activities
	OGASAWARA Masamichi	Synthesis of novel organometallic compounds and their application in homogeneous catalysis
	OKAMURA Hidekazu	Materials properties under high pressure up to 400 kbar studied by infrared and optical techniques using synchrotron radiation and other sources
	KATOH Masahiro	Developments of separation materials and processes, utilized properties of powders effectively, for construction of eco-friendly material production systems
	TAKAYANAGI Toshio	Development of high-performance separation and analysis methods for trace substances, similar compounds, and physicochemical properties of functional materials with help of instrumental analyses

Field of Research　研究分野	Faculty　担当教員	Detailed Description of Research Field　研究内容
Applied Chemistry and Biological Engineering Program	MAKABE Kazuhiro W.	Genome network responses and functions influenced by endogenous and exogenous environments, and the regulation of gene expression
	MATSUKI Hitoshi	Structural changes and functional expressions for self-organized aggregates of amphiphilic substances
	MINAGAWA Keiji	Synthesis and evaluation of functional organic polymer-based materials
	MIYOSHI Norikazu	Development of new reaction reagents and new organic synthetic methods, and reaserch on the synthesis of new functional organic compounds based on the findings
	MIYOSHI Hirokazu	Developments of radiation energy conversion materials, preparation of functional nanoparticles, and high sensitive detection of radioisotopes and radiations with the nanoparicles using technique of radiation chemistry and photoelectrochemistry
	MORIGA Toshihiro	Design, fabrication and evaluation of inorganic materials exhibiting unique electronic and optical properties
	YASUZAWA Mikito	Development of in vivo biosensors using advanced functional biomaterial technology and electrochemical measurements
	WATANABE Minoru	Development and application of new methods for functional analysis of genes using amphibian embryos as model system
Mechanical Science Program	ISHIDA Tohru	Establishment of innovative manufacturing methods by applying the results obtained through research and development of new manners in the field of manufacturing technology
	ICHIMIYA Masashi	Clarifying laminar-turbulent transition in fluid flow and developing its new measure
	OHTA Mitsuhiro	Research on fluid flows with complex properties, gas-liquid two-phase flows, multiphase flows with phase changes
	OKADA Tatsuya	Influence of grain boundaries and triple junctions on plastic deformation of metals
	KIDOGUCHI Yoshiyuki	Research on highly efficient and low-pollution combustion for effective use of energy and environmental conservation
	TAKAIWA Masahiro	Development of flexible mechanical systems and their effective operation methods in the human support fields
	TAKAGI Hitoshi	Development of new ecomaterials in the field of materials science, their characterization, and their industrial applications
	DEGUCHI Yoshihiro	Basics and industrial applications of advanced laser diagnostics such as CT Tunable Diode Laser Absorption Spectroscopy and Laser Induced Breakdown Spectroscopy
	NISHINO Hideo	Devising novel methods in materials characterizations and nondestructive evaluations based on the theory of ultrasonic wave propagation
	HASEZAKI Kazuhiro	Research on thermal energy and its control to improve energy conversion efficiency

Field of Research　研究分野	Faculty　担当教員	Detailed Description of Research Field　研究内容
Mechanical Science Program	HINO Junichi	The latest examples related to vibration analysis and damping methods will be discussed, and the design methods for structural modifications and other improvements will be enhanced to take into account vibration characteristics
	MATSUMOTO Takeshi	Advanced measurement- and model-based approaches to understanding the mechanical environment in the expression and disorders of biological functions and exploring its therapeutic application
	YONEKURA Daisuke	Strengthening of engineering materials by surface modification techniques
Electrical Engineering, Electronics and Physics Program	IZAWA Ken-ichi	Theoretical models of elementary particles and cosmic inflation in the early universe
	KAWADA Masatake	Development of radio sensing, computational electromagnetics, and signal processing techniques for insulation diagnosis of power equipment
	KISHIMOTO Yutaka	Elucidating superconductivity in strong coupling superconductors and strongly correlated electron systems based on NMR study
	KUBO Tomohiro	Control theory for systems with time-delay and its applications
	SHIMAMOTO Takashi	Research on CAD algorithms for VLSI design
	SHIMOMURA Naoyuki	Developing the applications of pulsed power in the environmental and biotechnological fields, including the generation and measurement technology
	TAKADA Atsushi	Advanced optical communication network based on optical signal propagation analysis, optical node configuration, and optical signal processing technologies
	NAOI Yoshiki	Development of optical measurement technology, optical function materials and photonic devices based on nano-micro optics
	NAGASE Masao	Development of new functional devices based on post-silicon material, graphene
	NAKAMURA Koichi	Elucidating mechanism of ion conduction in solids, and developing advanced superionic conductors
	NISHIO Yoshifumi	Development of analysis methods for synchronization and chaos generated in nonlinear oscillator networks, and their application to engineering systems
	FUSHIMI Ken-Ichi	Experimental research on cosmology based on nuclear and particle physics, such as cosmic dark matter and double beta decay
	HOJO Masahide	Creating a sustainable electric power system with various energy resources, and development of its advanced controller by electric power conversion technology
	MAGISHI Ko-ichi	Mechanism elucidation and the application of the novel quantum phenomenon in the strongly correlated electron systems using the nuclear magnetic resonance method
	YASUNO Takashi	Control and prediction of various systems (robots, medical / welfare equipments, wind / solar power generation, agricultural support system) that apply artificial intelligence

Field of Research　研究分野	Faculty　担当教員	Detailed Description of Research Field　研究内容
Computer Science and Mathematical Science Program	UETA Tetsushi	Developing new modeling, qualitative and quantitative numerical analyses for mathematical models in information science fields
	OHYAMA Yousuke	Analytical research on functional equations through large-scale calculations using computers, based on classical mathematics
	ONO Kosuke	Mathematical model of differential or functional equations for nonlinear phenomena and mathematical analysis theory
	KINOSHITA Kazuhiko	Devising new methods in the field of information networks, and developing network systems based on their applications
	SHISHIBORI Masami	Devising new methods in the field of multimedia engineering, and developing retrieval, classification, and educational support systems based on their applications
	TAKAHASHI Hiroki	Investigation on latest researches and applications in number theory, and presentation on new examples and results for various problems
	TAKEUCHI Toshiki	Efficient, robust and high precision numerical computational methods
	TERADA Kenji	Provide research guidance on devising new methods in the field of image processing and computer vision, and developing industrial image processing methods based on their applications
	HASUNUMA Toru	Studies on graph structural properties, graph algorithms, and their applications
	FUKUMI Minoru	Devising new methods in the fields of human sensing and digital signal processing, and developing intelligent information processing systems based on their applications
	FUKETA Masao	Devising new methods in the field of natural language processing and information retrieval, and developing their applications
	MATSUURA Kenji	Devising new models, methods and technologies of human-centered design in the field of learning support systems
Bioresources Program	OTOI Takeshige	Development of medical and model animals by reproductive technology
	SAKURADANI Eiji	Study on microbial production of functional compounds by metabolic engineering
	TAI Akihiro	Study on identification and application of bioactive compounds from natural resources for disease prevention and treatment
	TAKEMOTO Tatsuya	Study on the regulatory mechanisms underlying cell differentiations and morphogenesis during early embryogenesis
	TANAKA Tamotsu	Study on structure, absorption and metabolism, and biological function of dietary lipids
	NAKAZAWA Yoshihisa	Creation of bioresource industry related to the biobusiness, agribusiness, bioeconomy, etc
	HATTORI Takefumi	Study on metabolic science of forest microorganisms toward sustainable utilization of forest products
	MITO Taro	Study on genome function in insects and use of insects as resources
	MORIMATSU Fumiki	Research on pig breeding, fattening and processed meat products

Field of Research　研究分野	Faculty　担当教員	Detailed Description of Research Field　研究内容
Optical Science Program	HARAGUCHI Masanobu	Advanced nanophotonics devices for seising or signal processing
	FUJIKATA Jun-ichi	High-speed optical communication and computing technology with advanced photonic components and functional optical circuits and its applied technology
	FURUBE Akihiro	Development of spectroscopic technology for ultrafast optical response in nanomaterials and the elucidation of the reaction mechanism
	YASUI Takeshi	Intelligent optical measurement and medical photonics based on next-generation photonics such as terahertz wave and optical frequency comb
	YAMAMOTO Kenji	Photonics and information science to understand human visual perception and create human-oriented novel visual applications

Graduate School of Medicine　医学研究科

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	URUSHIHARA Maki	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	to be appointed	Environmental epidemiology, Epidemiology of chronic disrupters
Public Health	MORIOKA Hisayoshi	Health Service, Health Systems Governance, Health Administration, Epidemiology
General Medicine	to be appointed	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	to be appointed	Functional morphology of endocrine cells, Neurosteroids and sexual differentiation
Physiology	SEI Hiroyoshi	Integrative Neuronal Physiology, Sleep and biological clock, Behavioral control of CNS, Cardiovascular and respiratory control of CNS

Field of Research　研究分野	Faculty　担当教員	Detailed Description of Research Field　研究内容
Psychiatry	NUMATA Shusuke	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	KITAMURA Yoshiaki	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
Urology	to be appointed	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

Field of Research　研究分野	Faculty　担当教員	Detailed Description of Research Field　研究内容
Thoracic Endocrine Surgery and Oncology	TAKIZAWA Hiromitsu	Development of visualization technology for thoracic surgery and bronchoscopy. DNA methylation in lung cancer and thymic epithelial tumors.
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	to be appointed	Endocrinology, Metabolism, Hematology, Vascular biology, Bone biology, Gerontology
Medical Genetics	MORINO Hiroyuki	Research using genetic analysis and bioinformatics. Search for genes associated with hereditary neuromuscular diseases and cancer.
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.
Animal Research Resources and Genetic Engineering	MATSUMOTO Takahiro	Mouse genetics, Animal model resources, Biology of sex difference
Molecular Neurobiology	SAKAGUCHI Suehiro	Prion protein signaling, Molecular pathogenesis of prion diseases, Prion vaccines

Doctoral Course　博士課程
Medicine　（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	URUSHIHARA Maki	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

Field of Research　研究分野	Faculty　担当教員	Detailed Description of Research Field　研究内容
Gastroenterology and Oncology	TAKAYAMA Tetsuji	Molecular analysis of gastrointestinal cancer, chemotherapy and chemoprevention of gastrointestinal cancer
Preventive Medicine	to be appointed	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	to be appointed	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	to be appointed	Functional morphology of endocrine cells, Neurosteroids and sexual differentiation
Physiology	SEI Hiroyoshi	Integrative Neuronal Physiology, Sleep and biological clock, Behavioral control of CNS, Cardiovascular and respiratory control of CNS
Psychiatry	NUMATA Shusuke	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	KITAMURA Yoshiaki	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

Field of Research　研究分野	Faculty　担当教員	Detailed Description of Research Field　研究内容
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 Tele-mentoring 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	to be appointed	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	TAKIZAWA Hiromitsu	Development of visualization technology for thoracic surgery and bronchoscopy. DNA methylation in lung cancer and thymic epithelial tumors.
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
Medical Genetics	MORINO Hiroyuki	Research using genetic analysis and bioinformatics. Search for genes associated with hereditary neuromuscular diseases and cancer.
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
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

Field of Research　研究分野	Faculty　担当教員	Detailed Description of Research Field　研究内容
Molecular Life Science	SAIO Tomohide	Structural biology and biochemistry to understand life and disease, focusing on molecular chaperones and stress sensors.
Animal Research Resources and Genetic Engineering	MATSUMOTO Takahiro	Mouse genetics, Animal model resources, Biology of sex difference
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 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 Medical Nutrition　医科栄養学研究科

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

Master Course　博士前期課程

Medical Nutrition　（医科栄養学専攻）

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, Chrono-nutrition of skeletal muscle, Structural biology
Food Science	AKAGAWA Mitsugu	Prevention and improvement of lifestyle-related diseases by functional food factors
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
Medical Nutrition　（医科栄養学専攻）

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, Chrono-nutrition of skeletal muscle, Structural biology
Food Science	AKAGAWA Mitsugu	Prevention and improvement of lifestyle-related diseases by functional food factors
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　保健科学研究科

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
Nursing Education	IWASA Yukie	Nursing education, Nursing physiology
Nursing Outcome Management	TANIOKA Tetsuya	Nursing outcome management, Psychiatric mental health nursing, Nursing theory
	YASUHARA Yuko	Nursing skill, Nursing outcome management
Cancer Nursing	IMAI Yoshie	Cancer Nursing
Rehabilitation Nursing	BANDO Takae	Perioperative Nursing, Cancer Nursing, Rehabilitation Nursing
Community Health Nursing	OKAHISA Reiko	Community Health Nursing, Health Promotion, Public Health Nurses' Practices
	MATSUSHITA Yasuko	
Child Health Nursing	HASHIMOTO Hiroko	Child health nursing
School Health	OKUDA Kikuko	Health education and management, school nurses' practices, family and community health

Field of Research　研究分野	Faculty　担当教員	Detailed Description of Research Field　研究内容
Mental Health Nursing	CHIBA Shin-ichi	Conduct research on mental health problems, mental health nursing and health outcomes for mentally handicapped person and families.
Mental Health Support	TOMOTAKE Masahito	Mental Health, Psychological Medicine
	MORI Kenji	Medicine on Developmental Disabilities
Oncological Medical Support	KONDO Kazuya	Estimating QOL of the patients with cancer using patient related QOL questionnaire
Women's Health・Midwifery	HAKU Mari	Midwifery, Midwifery Education, Breastfeeding
Reproductive and Menopausal Health Science	YASUI Toshiyuki	Reproductive Medicine, Perimenopausal Medicine
Advanced Medical Image Equipment Engineering	YOSHINAGA Tetsuya	Medical image reconstruction, BiologIcal engineering, Nonlinear dynamical system
Nuclear Medicine Therapy and Nuclear Chemistry	SAKAMA Minoru	Radioanalytical chemistry, nuclear chemistry and nuclear physics, radiological protection, environmental radiactivity
Radiation Biology and Medicine	MORITA Akinori	Radiation Biology, Molecular Oncology
Advanced Medical Image Informatics	HAGA Akihiro	Medical Physics, Atomic and Nuclear Physics, Machine Learning, Image Informatics
Brain Functional Imaging Analysis	KOHNO Satoru	Imaging techniques, experimental designs and statistical analysis methods for functional magnetic resonance imaging
Diagnostic Radiology	TAKAO Shoichiro	Semi-quantitative Image Analysis of Magnetic Resonance in Medicine.
Metabolic / Functional Image Information Analysis	OTSUKA Hideki	Nuclear Medicine, Molecular Imaging, Magnetic Resonance in Medicine
Therapeutic Radiology	IKUSHIMA Hitoshi	Radiation Oncology, Radiation Therapy Technology
Department of Bioregulatory Sciences	ENDO Itsuro	Translational and clinical research for Endocrine disorder and Metabolic bone diseases
Microbiology and Genetic Analysis	KATAOKA Keiko	Commensal bacteria and human health, Host-bacteria interaction in opportunistic infection, Prebiotics and disease prevention
Analytical Pathology	YAMASHITA Michiko	Correlation of histopathology findings with various laboratory findings. Efficient pathology techniques.
Bioanalytical Technology	TOMINAGA Tatsuya	Elucidation of the pathogenic mechanism of diabetic nephropathy and development of diagnostic technologies
Cells and Immunity Analytics	AKI Kensaku	Analysis of NK cell function and its application to clinical laboratory.
Assisted Reproductive Technology	YASUI Toshiyuki	Reproductive Medicine, Perimenopausal Medicine
Tumor Control Study	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
Nursing Education	IWASA Yukie	Nursing education, Nursing physiology
Outcome Management	TANIOKA Tetsuya	Nursing outcome management, Psychiatric mental health nursing, Nursing theory
	YASUHARA Yuko	Nursing skill, Nursing outcome management
Cancer Nursing	IMAI Yoshie	Cancer Nursing
Rehabilitation Nursing	BANDO Takae	Rehabilitation Nursing,Cancer Nursing
Community Health Nursing	OKAHISA Reiko	Community Health Nursing, Health Promotion, Public Health Nurses' PractIces
School Health	OKUDA Kikuko	Health education and management, school nurses' practices, family and community health
Midwifery	HAKU Mari	Midwifery, Development of Midwifery care model
Reproductive and Menopausal Health Science	YASUI Toshiyuki	Reproductive Medicine, Perimenopausal Medicine
Mental Health Support	TOMOTAKE Masahito	Mental Health, Psychological Medicine
Medicine on Developmental Disabilities	MORI Kenji	Medicine on Developmental Disabilities
Oncological Medical Support	KONDO Kazuya	Molecular research for thoracic malignancies-lung cancer, thymoma, etc
Advanced Medical Image Equipment Engineering	YOSHINAGA Tetsuya	Medical image reconstruction, Medical englneerlng, Medical imaging equipment, Nonlinear dynamical system
Nuclear Medicine Therapy and Nuclear Chemistry	SAKAMA Minoru	Radioanalytical chemistry, nuclear chemistry and nuclear physics, radiological protection, environmental radiactivity
Radiation Biology and Medicine	MORITA Akinori	Radiation biology, Molecular oncology
Advanced Medical Image Informatics	HAGA Akihiro	Medical Physics, Atomic and Nuclear Physics, Machine Learning, Image Informatics
Therapeutic Radiology	IKUSHIMA Hitoshi	Radiation Oncology, Radiation Therapy Technology
Metabolic / Functional Image Information Analysis	OTSUKA Hideki	Nuclear Medicine, Molecular Imaging, Magnetlc Resonance in Medicine
Department of Bioregulatory Sciences	ENDO Itsuro	Translational and clinical research for Endocrine disorder and Metabolic bone diseases
Microbiology and Genetic Analysis	KATAOKA Keiko	Commensal bacteria and human health, Host-bacteria interaction in opportunistic infection, Prebiotics and disease prevention
Bioanalytical Technology	TOMINAGA Tatsuya	Elucidation of the pathogenic mechanism of diabetic nephropathy and development of diagnostic technologies
Tumor Control Study	KONDO Kazuya	Molecular research for thoracic malignancies-lung cancer, thymoma, etc

Graduate School of Oral Sciences 口腔科学研究科

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 Management	FUJIWARA Natsumi	Association with periodontopathic bacteria and systemic diseases, Effects of environmental pollutant on oral cavity, Development of educational system for dental hygienists
Oral Health Care Promotion	OZAKI Kazumi	Periodontal Medicine, Antibacterial material, Development of ICT platform to prevent deterioration of cognitive function and oral function
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 dysfunction, 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 Management	FUJIWARA Natsumi	Association with periodontopathic bacteria and systemic diseases, Effects of environmental pollutant on oral cavity, 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 dysfunction, 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
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
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	SUMITOMO Tomoko	Pathogenesis of oral microorganisms in systemic diseases, Development of high-performance small molecule antibodies, Application and bioengineering of bacteriophage, Mechanism of oral antimicrobial peptides
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	Adhesive Dentistry, Operative Dentistry, Cariology, Pulp pathology, Pathogenesis of apical and marginal periodontitis
Periodontology and Endodontology	YUMOTO Hiromichi	Periodontology, 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	to be appointed	Cell biology, 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	to be appointed	Digital radiography, Image analysis, Interpretation of oral lesions by CT or MRI
Dental Anesthesiology	KAWAHITO Shinji	Myocardial protection via mTOR, Periodontal-induced vascular abnormality, Angiogenesis and anesthetics
Comprehensive Dentistry	to be appointed	Biomechanics, Biomaterials, Occlusal schemes of prosthesis, Sleep Bruxism

Graduate School of Pharmaceutical Sciences 薬学研究科

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	TANAKA Naonobu (Associate Professor)	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	to be appointed	
Clinical Pharmacology	to be appointed	
Pharmaceutical Information Science	SATO Youichi	Pharmacoepidemiology, Pharmacogenetics, Human genetics, Andrology, Reproductive medicine and biology
Pharmacokinetics and Biopharmaceutics	ISHIDA Tatsuhiro	Drug delivery with liposome or lipid nanoparticle, Pharmacokinetic, Innate immunity to nanocarriers, Antibody production, Modulation of tumor microenvironemnt, Bacterial cellulose nanofiber, Ionic liquid
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
Pharmaceutical Health Chemistry	KOGURE Kentaro	Effective delivery of macromolecules by weak electric current, antioxidants, Anti-obesity, Anti-oxidative stress, Correction of splice defects by modified U1 snRNA

Field of Research 研究分野	Faculty 担当教員	Detailed Description of Research Field 研究内容
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
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	TANAKA Naonobu (Associate Professor)	Natural products chemistry, Bioactive natural products from plants and marine organisms, Pharmacognosy, Ethnobotany
Medicinal Biotechnology	to be appointed	
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
Pharmaceutical Health Chemistry	KOGURE Kentaro	Effective delivery of macromolecules by weak electric current, antioxidants, Anti-obesity, Anti-oxidative stress, Correction of splice defects by modified U1 snRNA
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 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	to be appointed	
Pharmaceutical Information Science	SATO Youichi	Pharmacoepidemiology, Pharmacogenetics, Human genetics, Andrology, Reproductive medicine and biology
Pharmacokinetics and Biopharmaceutics	ISHIDA Tatsuhiro	Drug delivery with liposome or lipid nanoparticle, Pharmacokinetic, Innate immunity to nanocarriers, Antibody production, Modulation of tumor microenvironemnt, Bacterial cellulose nanofiber, Ionic liquid
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

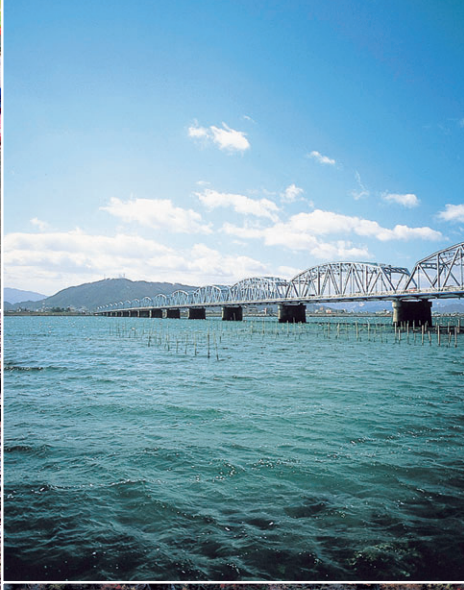
Research Center for Higher Education, Division of Academic Learning Support, Section of International Education　高等教育研究センター学修支援部門国際教育推進班

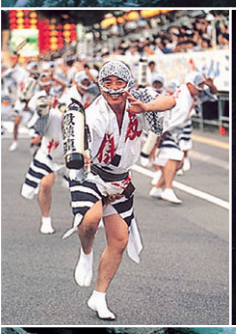
International Office　インターナショナルオフィス

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

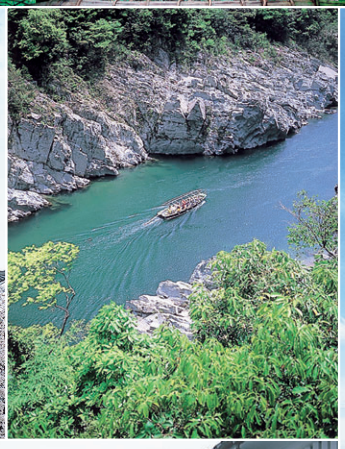
Faculty　教員	Research Field　研究分野
JIN Cheng-hai	Numerical Analysis
HASHIMOTO Satoshi	Japanese as a Foreign Language
SAKATA Hiroshi	English Education
TRAN Hoang Nam	Sociology of Education









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 Sciences and Technology for Innovation（創成科学研究科）

https://www.sti.tokushima-u.ac.jp/en/

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

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

Faculty of Science and Technology（理工学部）

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

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/bms/english/

Faculty of Medicine（医学部）
Graduate School of Medicine（医学研究科）
Graduate School of Medical Nutrition（医科栄養学研究科）
Graduate School of Health Sciences（保健科学研究科）

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

Faculty of Dentistry（歯学部）
Graduate School of Oral Sciences（口腔科学研究科）

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

Faculty of Pharmaceutical Sciences（薬学部）
Graduate School of Pharmaceutical Sciences（薬学研究科）

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

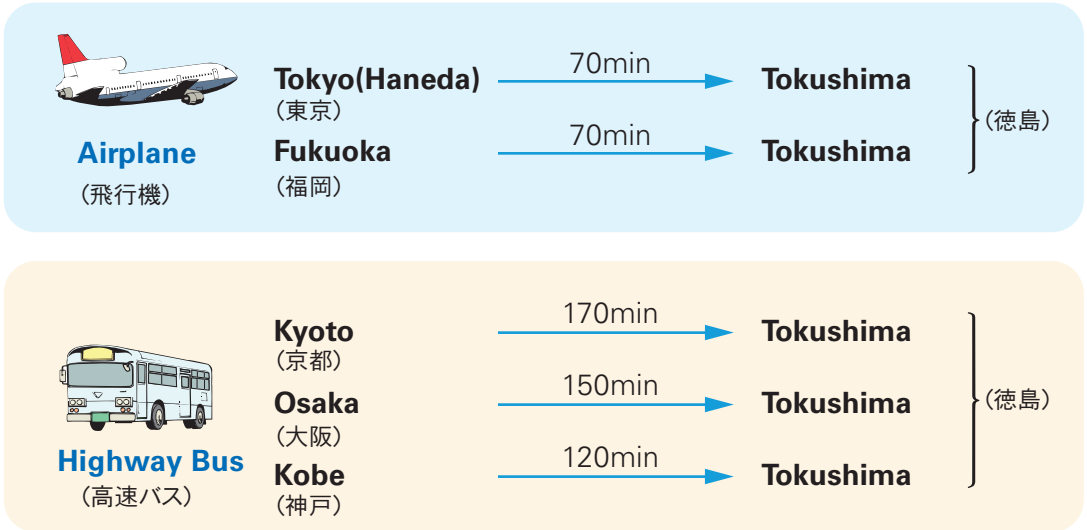
Advance Radiation Research, Education, and Management Center（放射線総合センター）

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）




JAPAN
Hokkaido
Honshu
Shikoku
Kyushu
Air line
Tokyo
Narita
Haneda
Nagoya
Kobe
Osaka
Kansai
Fukuoka
Honshu Island
Kobe
Osaka
Bullet Train
(JR Shinkansen)
Kobe Airport
Akashi Bridge
Honshu-Shikoku Expressway
Kansai International Airport
Onaruto Bridge
Awaji Island
Wakayama
Tokushima Expressway
Naruto
Tokushima Awaodori Airport
Tokushima
Komatushima
Anan
JR Train
Tokushima Prefecture
Shikoku Island
Kaifu
JR Kotoku line
YOSHINO RIVER
Highway
ROUTE 11
YOSHINOGAWA BRIDGE
KITASAKO-CHO
Sako st.
KURAMOTO-CHO
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