2023

Tokushima University

Graduate School of Health Sciences

Master of Health Sciences

**Application Guidelines** 

(General Admission / Special Admission for Working People / Special Admission for (Privately Funded) International Students)

Tokushima University

Admission Schedule 2023

Master Course of Health Sciences, Graduate School of Health Sciences, Tokushima University

**Applicant Qualifications** 

The Admission Schedule for the Master's Program at the Graduate School of Health Sciences, Tokushima University

Applicant Qualifications:

Prior Consultation Period: Monday, June 20– Friday, June 24, 2022

\* Results of Initial Screening of Applications by post to all applicants by Wednesday, July 13, 2022

Application Period: Successful applicants must apply during July 14 - 21.

Thursday, July 14 – Thursday, July 21, 2022

Date of Entrance Examination: Saturday, August 27, 2022

\* Announcements of test results: Wednesday, September 21, 2022

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Outlines of Areas and Field

#### 1. Admission Policy

The Graduate School of Health Sciences, Master of Health Science Program seeks applicants who possess the following qualifications and motivations:

- A) Those who value the dignity of life with a sense of responsibility to encourage health preservation and enhancement. In addition, those who feel enriched as a person as a result of their engagement in the health care field.
- B) Those who aspire towards deepening the health science knowledge gained during their undergraduate education, who wish to contribute to human health in local communities as highly skilled professionals.
- C) Those who possess life ethics, who are keenly aware of human rights, and who have the ambition to fulfill a leading role in an advanced health care field.

#### 2. Number of Students to be Admitted

Table.1

Major	Area	Field	Degree	Enrollment Limit
		Advanced Nursing Well-being Nursing	Master (Nursing Sciences)	
	Nursing Sciences	Women's Health • Midwifery	Master (Nursing Sciences) or Master (Health Sciences)	
Health Sciences		Health and Medical Care	Master (Health Sciences)	27*
	Radiological Sciences	Medical Information Science and Engineering Radiological Science	Master (Health Sciences)	
	Biomedical Laboratory Sciences	Advanced Medical Technology Science	. (	

<sup>\*</sup> The enrollment limit indicated in Table 1 includes that for the entrance examination for working people (for part-time study) and privately funded international students. Also, 8 Midwifery students and medical physics students included the total enrollment number.

#### 3. Admission Categories

#### • A) Entrance Examinations:

The procedures for both the "General Entrance Examination" and "Entrance Examination for Working People," and the "Entrance Examination for Privately Funded International Students" will be conducted in all the identified areas and fields (in Table 1).

- B) An applicant can only apply for ONE of the AREAs in the three categories listed above.
- C) Changing a category after application is NOT allowed.

#### 4. Applicant Qualifications

1) General Entrance Examination Applicants must satisfy **one** of the following requirements.

#### **General Entrance Examination applicants:**

- (1) Those who have graduated or expect to graduate from a university by March 31, 2023.
- (2) Those who have received or expect to receive (by March 31, 2023) a Bachelor's Degree regulated by the prescription of Paragraph 4, Article 104 of the School Education Law.\*1
- (3) Those who have completed or expect to complete 16 years of education in universities/institutions abroad by March 31, 2023.
- (4) Those who completed or expect to complete 16 years of education by March 31, 2023 by studying the relevant subject in Japan through a correspondence course provided by a school abroad.
- (5) Those who have a degree equivalent to that of a bachelor's having completed or expecting to complete by March 31,2023 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).
- (6) Those who have been appointed by the Minister of Education, Culture, Sports, Science, and Technology (MEXT) in Announcement No.5 of February 7, 1953.
- (7) The holders of an academic degree higher than a Bachelor's Degree conferred by the Graduate School of Health Sciences through the individual screening of qualifications, and who will be 22 years of age or older on April 1, 2023.\*2
- (8) Those who enroll for more than three years in a university which is recognized by the prescription of Paragraph 1, Article 83 of the School Education Law by March 31, 2023 (including those who completed more than 15 years of education abroad), AND who are expected to graduate from the Graduate School of Health Sciences with excellent grades.\*3
- (9) Those who completed a course at a technical school (limited to those whose course term is over four years and who meet other criteria established by MEXT) recognized by MEXT after the date regulated by MEXT.
- \*1: (2) above represents applicants who received or expect to receive a Bachelor's Degree from the National Institution for Academic Degrees and Quality Enhance of Higher Evaluation.
- \*2: (7) above represents applicants who graduated (or completed) from a junior college (two-year college), technical college or special technical school, or other educational institutions. In addition, before the admission process, these applicants are to undergo individual applicant qualification screening according to the standards stipulated in Table 2.
- \*3: Applicants who wish to apply under (8) are required to undergo the individual applicant qualification screening procedure before admission. Please refer to "5. Screening for Individual Applicant Qualifications."

#### 2) Special Examination for Working People (Part-time)

Applicants for the Special Examination for Working People must satisfy one of the stipulated requirements for the General Entrance Examination stated above, in addition to the one stipulated below for each area.

Applicants currently working and who will remain in their positions in medical/healthcare/welfare facilities, educational institutions, the public office, or other companies after admission, or were expected to start working in the above stated institutions, should provide written permission from the workplace.

- (1) Nursing Sciences Area: Those who hold a nursing, nurse midwifery, or a public health nursing license and have more than three years of practical working experience in medical/healthcare/welfare facilities, educational institutions, the public office, or other companies.
- (2) Radiological Sciences Area: Those who have practical working experience of over three years in medical/healthcare/welfare facilities, educational institutions, the public office, or other companies.
- (3) Biomedical Laboratory Sciences Area: Practical working experience is not required by those who are licensed clinical laboratory technicians.

#### 5. Screening of Individual Applicant Qualifications

Applicants who apply through fulfillment of (7) or (8) of the **General Entrance Examination Applicants** requirements stated above, must in advance undergo the <u>individual applicant qualification</u> screening process.

- 1) Application Outlines
- (1) Application Period for Qualification Screening

Monday, June 20 - Friday, June 24, 2022

- (2) Application Procedure
  - Applicants must send the required documents by post (via registered mail or <u>registered express</u> mail to reach the office by the deadline) or personally deliver them to the related office. (Please refer to page 9 for information about the location where you are to submit the documents.)
- (3) Announcement of the Results of Applicant Qualification Screening
  - The results of the application screening will be delivered by post to applicants by Wednesday, July 13, 2022.
  - Successful applicants must proceed with application during the prescribed period. (Please refer to page 7.)

#### 2) Screening Method

- A pre-selection of applicant qualifications based on the submitted documents.
- The final screening for applicants who meet the requirements (7) will be conducted according to the special criteria stipulated in Table 2.

Table.2 Screening criteria for applicants who meet requirement (7)

	Years of Practical Working Experience*1				
Education Background	Nursing Sciences	Radiological Sciences	Biomedical Laboratory Sciences		
a) Junior college graduate (course term: over 2 years)			Over 2 years		
b) Junior college graduate (course term: over 3 years)			Over 1 year		
c) Technical college graduate			Over 2 years		
d) Special technical school graduate (course term: over 2 years)			Over the number of years left till graduation from the special technical school, deducted from 16 years (the minimum course duration for university graduation)		
e) Graduates of the Japan campus of foreign universities, foreign schools, special technical schools (not including technical courses), or other domestic/foreign educational institutions	Over 3 years	Over 3 years	Over the number of years of the minimum course term until school graduation/completion (the longest school/course when applicant has graduated from more than 2 equivalent-level schools), deducted from 16 years (minimum course term for university graduation)		
f) Those who dropped out of the schools stated from a) to e)			Over the number of years of the course term until the applicant left school, deducted from 16 years (minimum course term for university graduation). In case applicant did not earn the required credits, equivalent years are to be calculated by counting earned credit.		

<sup>\*1:</sup> Years of Practical Working Experience are the total length of the following stipulations. Items iii to v apply to Nursing Sciences.

- i. Time period during which the applicant was enrolled in a university or junior college (two-year college) as a researcher.
- ii. Time period during which the applicant was enrolled in a major subject course at junior (two-year college) or technical college.
- iii. Time period during which the applicant was engaged in a teaching position or as a researcher at a university/junior college (two-year college), the public office, a research institution, or other company.
- iv. Time period during which the applicant was engaged in clinical working experience at a hospital or similar institution.
- v. Other time periods not stipulated above will be carefully evaluated for each applicant and comprehensively judged.
  - For admission to the Nursing Sciences, professional/academic performance (publication of academic papers, presentation at scientific meetings, etc.) will be considered in addition to the working experience time period described above.

Please include the names of all authors, title, name of the journal, page numbers, and the date of presentation on the document where the academic paper's information is referred. (Although there is no prescribed form, submissions must be typed on A4 paper.)

Please include the name of the presenter (all authors), title, name, and the date of the conference on the document referring to the information on academic conferences. (There is no prescribed form, however, submissions must be typed on A4 paper.)

- For admission to the Radiological Sciences and Biomedical Laboratory Sciences, your application will be comprehensively evaluated while considering the educational requirements of your last school, your grades, and details of your working experience.
- For the evaluation procedure of applicant qualification (8), please ask the personnel in charge (refer to page 9) for details.

#### 3) Documents to be Submitted

Applicants who apply by fulfilling qualification (7) must submit the documents stipulated in Table 3 below.

Table.3

Documents to be Submitted	Nursing Sciences	Radiological Sciences	Biomedical Laboratory Sciences	
1. Application Form for Applicant Qualifications	0	0	0	Completed and filled out (Attached to this brochure)
2. Transcripts of Educational Records from previous institution		0	0	The transcripts of Educational Record must be prepared and sealed by an official of the institution.
3. Degree Certificate from previous institution	0	0	0	The certificate must be signed by a principal of the institution.
4. Biographical Data Form	0			Please copy the "Biographical Data" form onto the back of the application form and complete it.
5. Research Achievements (Graduation thesis or dissertation): Evidence of thesis or dissertation	0			Attached to this brochure
6.Graduation requirements of previous institution		0	0	Attach a written document indicating the requirements for graduation.
7. Certificate of Job Tenure		0	0	A certificate signed by the manager of your previous and/or current workplace depicting your job tenure and position (free format).
8. Return-mail envelope for notification of results	0	0	0	A 120 mm×235 mm (nagagata san-gou) envelope with applicant's home address, name, postal code, and a ¥344 stamp.

<sup>\*</sup> Open circle on the table represents the required document for each area.

Applicants who apply by fulfilling qualification (8) must submit the documents stipulated in Table 4 below.

1. Application Form for Applicant Qualifications	Completed and filled out (Attached to this brochure)
2. Transcript of Educational Records	The transcript of Educational Record must be executed and sealed by an advisor from your university.
3. Student Registration Certificate	The certificate must be executed by a principal of your university.
4. Letter of Recommendation	The letter must be executed by a principal of your university (there is no designated form for this).
5. Return-mail envelope for notification of results	A 120 mm 235 mm ( <i>nagagata san-gou</i> ) envelope with applicant's home address, name, postal code, and a ¥344 stamp.

#### 6. Application Procedure

#### 1) Application Documents

Please submit, by the deadline, the required documents stipulated in Table 5 below to the University Office of Student Affairs, Education Division, Section 2.

Table.5 List of Application Documents

Application Documents	Nursing Sciences	Radiological Sciences	Biomedical Laboratory Sciences	Summary
1. Application Form	0	0	0	The Application Form is attached to this brochure. Please complete both sides.
2. Admission Ticket and Photograph	©	©	©	The form is attached to this brochure. Please attach to each form photographs taken within the last three months that adhere to the following specifications: (4×3 cm in
		•		size, upper-body with the subject facing directly ahead, with bare head, and with glasses only if you will wear glasses in the entrance examination).
3. Transcripts of educational records		©	©	The original copy of the transcripts must be signed by a principal of your current or previous educational institution.
4. Certificate of Graduation (or Expected Graduation)	©	©	©	The certificate must be signed by an advisor from your last educational institution. In case you dropped out of school before completing the course, please submit either a "Certificate of Withdrawal" or a "Certificate of Enrollment Period."
5. Degree Certificate by NIAD-UE Dissertation	0	0	0	Only for those who received a degree issued by the National Institution for Academic Degrees and University Evaluation.
6. Special course enrollment or Type 1 Certificate for a nursing teacher (copy) by the Teachers License Act	0	0	0	Applicable for applicants who adhere to qualification (5) and who will meet requirements by being in possession of the certificate stated on the left.

7. Letter of				Complete the form attacked to this
Motivation	0	©	©	Complete the form attached to this brochure.
8. License (copy)	0	0	Ο	For those applying based on requirement (6) or via the Special Entrance Examination for Working People AND possess a nursing license/midwifery license/health nursing license/clinical radiologist license/clinical laboratory technician license, please submit copies of these licenses.
9. Employer Endorsement Letter		0	Ο	For those who are expected to remain in their current working position at the time of the entrance examination, please submit a Letter of Permission (attached to this brochure) written by your manager.  If you are expected to resign after the examination, the permission letter can be replaced by an explanatory letter written by the-applicant.  However, applicants need to submit a resignation certificate (or expected resignation certificate) at the time of enrollment.
10. Certificate of Job Tenure		0	0	A certificate signed by the manager of your previous/current workplace with regard to your job tenure and position (free format).
11. Certificate of Alien Registration or a Copy of Passport	0	0	0	For those applying as international students, please submit a copy of your "Certificate of Alien Registration (gaikokujin jumin touroku shomeisho)" issued by each City Office OR a copy of your passport.
12. Letter of Recommendation from the Applicant's Supervisor	0	0	0	Contact and ask your prospective supervisor for the Letter of Recommendation (free format on A4 paper).
13. Entrance Examination Fee	©	©	©	The fee is \(\frac{3}{3}\)0,000. Please make payment by postal account transfer and receive a "Certificate of Payment (for application): kentei-ryo harai-komi shomeisho (syutugan-you)."  Applicants must attach this to the "Certificate of Entrance Examination Fee Payment" (the form is attached to this brochure) and submit the form.
14. Return-mail Envelope to send the Admission Ticket	©	©	©	Please write your postal code, address, and name, and paste a \(\frac{344}{344}\) stamp for express mail on the envelope. (A 120 mm\(\times235\) mm (nagagata san-gou))
15. Address Ticket	0	©	©	Please complete the form attached to this brochure with your postal code, address, and name.

- \*1. ALL applicants must submit documents marked with double open circle, while documents with single open circle must only be submitted by the relevant applicants.
- \*2. For Nursing Sciences, if the relevant documents for (1) and (4) were accredited during the screening process, then applicants do not need to re-submit them.
- \*3. For Radiological Sciences and Biomedical Laboratory Sciences, if the relevant documents for (3) and (4) were accredited during the screening process, then applicants do not need to re-submit them
- \*4. If you are an international student, please ensure that the information you provide is the same as that in written documents confirming your identity, nationality, or resident status.
- \*5. If your family name on each certificate is your birth name, please attach official documents (i.e., extract of family register) clarifying the connection between your birth name and your present name.

#### 2) Application Period

Thursday, July 14, 2022 – Thursday, July 21, 2022(excluding weekends)

Office hours are from 9:00 to 17:00.

Application documents must be delivered by 5:00pm on July 21, 2022. (This applies to personally delivered and posted submissions.)

Application documents delivered LATER THAN 5:00pm on July 21, 2022 will not be accepted except for express mails bearing a postmark from the originating post office (domestic) indicating a date before or on the deadline (July 20).

#### 3) How to Submit Applications

Please use the relevant forms and send or deliver applications to the address referred to on page 11.

#### 4) Important Reminders for Applicants

- Applications with any documents omitted will not be accepted.
- Please use an inerasable black ballpoint pen and complete the application correctly.
- Changes on applications after submission are not acceptable. However, in case there is a change of your name, address, or telephone number, please contact the University Office of Student Affairs, Education Division, Section 2.
- No refunds will be issued once your application or entrance examination fees have been received.
- An admission ticket will be sent to each applicant after receipt of your application. Please contact the University Office of Student Affairs, Education Division, Section 2 if the admission ticket has not been delivered within three days before the examination date.
- Your admission may be cancelled if it is found that your application includes misleading information.
- About Security Export Control

Tokushima University has established the 'Tokushima University Security Export Control Regulations' based on the 'Foreign Exchange and Foreign Trade Act' and rigorously determines the acceptance of students by considering the goods exported, the technology provided, and the exchanges in human resources that will take place. If your activities fall within the ambit of any of these regulations, your desired research activities may be restricted, or you may not be able to take certain coursework. Hence, please be careful when you are applying and take any necessary precautions such as consulting with your prospective academic advisor before submitting your application.

For details, please refer to the Center for Research Administration & Collaboration website below:

https://www.tokushima-u.ac.jp/ccr/active/ip/yusyutsukanri/yusyutsu.html

#### 7. Prior Consultation

Prior to application, please contact the teacher from whom you intend to get instruction and consult him/her about your research plan or any other matter.

- Please refer to pages 12–16 for an outline of each area and the contact information for arranging prior consultation.

For any other inquiries, please contact the personnel in charge (refer to page 9 for details).

• Privately (personally) funded foreign student applications

All privately funded foreign applicants are requested to apply after having consulted in advance with the desired specialist counselor.

• The Tokushima University International Student Portal

All prospective foreign students will be able to apply to the Tokushima University through the use of the website below: **guide for international students**.

http://www.tokushima-u.ac.jp/isc/admission/english/graduate school/

Information (Research Outline) on each faculty member whom you would like to receive advice on research is indicated on pages 12-16.

#### 8. Special Measures based on Graduate School Establishment Standards

- The university offers both day and night courses based on Article 14 of the Graduate School Establishment Standards, and lectures or intensive courses are offered at night or during other exceptional hours.

#### 9. Admission Process

#### 1) Admission Process

- The university will comprehensively screen and select successful applicants based on the Entrance Examination (Specialized Subject/English/Essay), interview, and application documents including your Letter of Motivation.
- Individual and group interviews will be conducted for the Practical Midwifery course in Nursing Sciences as well as for the other areas.

Applicants will be carefully selected based on the results of the oral examination and the application documents (including the Letter of Motivation).

Entrance exams for privately funded foreign students are comprehensively determined through an oral examination (including language studies) and submitted documents (including a statement detailing the reason for wanting to study).

#### 2) Entrance Examination

**Nursing Sciences** 

- The "English" examination includes questions on general health science and material in English related to general nursing science.
- Applicants are not allowed to bring with one English–Japanese dictionary. But, Applicants are allowed to borrow with one English–Japanese dictionary.
- The "Specialized Subject" examination will include questions related to nursing science.
- The "Specialized Subject" examination for the Practical Midwifery course will include questions related to maternal nursing.
- The "Interview" will include questions requiring specialized knowledge.

#### Radiological Sciences

- The "English" examination includes questions on general health science and material in English related to general health.
- Applicants are not allowed to bring with one English–Japanese dictionary. But, Applicants are allowed to borrow with one English–Japanese dictionary.
- The "Interview" will include questions requiring specialized knowledge.

#### **Biomedical Laboratory Sciences**

- The "English" examination includes questions and material in English related to general health science.
- Applicants are not allowed to bring with one English–Japanese dictionary.-But, Applicants are allowed to borrow with one English–Japanese dictionary.
  - The "Essay" topic will be related to medical laboratory science in medical and health care.
  - The "Interview" will include questions requiring specialized knowledge.

#### 10. Date and Location of the Entrance Examination

Table.6 Date of Entrance Examination (General Admission/Special Admission for Working People)

				Area of Stud	у	
Date	Subject	Time	Nursing Sciences	Radiological Sciences	Biomedical Laboratory Sciences	Location
Saturday, August 27,	Specialized Subject	9:00–10:00	0			Health Sciences Building C,
2022	Essay	9:00–10:00			0	Faculty of Medicine,
	English	10:30–12:00	0	0	0	Tokushima University
	Interview	13:00-	0	0	0	-

<sup>\*</sup> Subjects marked open circle will be conducted for applicants in each area.

Table.7 Date of Entrance Examination (Unsponsored International Students Admission)

				Area of Stud	y	
Date	Subject	Time	Nursing Sciences	Radiological Sciences	Biomedical Laboratory Sciences	Location
Saturday, August 27, 2022	Oral examination (Language exam is included.)	13:00-	0	0	0	Health Sciences Building C, Faculty of Medicine, Tokushima University

<sup>\*</sup> Subjects marked open circle will be conducted for applicants in each area.

#### 11. Notification of Successful Applicants

Wednesday, September-21, 2022 10:00am

- Successful applicants will be notified via the bulletin board of the Faculty of Medicine. The admission numbers of successful applicants will be displayed. In addition, successful applicants will receive a letter of acceptance by post.
- Results will not be available by telephone.

#### 12. Enrollment Procedure

An outline of the enrollment procedure is provided below. Successful applicants will be contacted with more detailed information.

#### 1) Enrollment Period

By postal mail: Wednesday, February 15, 2023– Monday, February 20, 2023 (must arrive BY 5:00pm) By personal submission: Monday, February 20, 2023, 9:00am–5:00pm

#### 2) Method of Enrollment

- Successful applicants must send the required documents by post (via registered mail or <u>registered</u> <u>express mail</u>, which <u>must arrive by the deadline</u>) or deliver them directly (please refer to page 9 for the submission address).
- Applicants who have not completed enrollment by Monday, February 20, 2023 will be considered withdrawn.

#### 3) Admission Fee

- Admission fee is 282,000 Japanese yen (expected amount).
- Other fees

Applicants are to make a payment for the "Disaster and Accident Insurance for Students," as well as for a "Support Group Fee" is 50,000 Japanese yen (approximate figure, the actual amount will be announced).

- \* Once an admission fee has been received, it will not be refunded under any circumstances.
- \*\* Tuition: First Semester is 267,900 Japanese yen; Annual Amount is 535,800 Japanese yen (both are expected amounts).

Any revisions made to admission fees and tuition will come into effect and apply to new admissions and tuition fees after these revisions.

\*\*\* Applicants can also make full payment of the annual amount at the time when the first payment is made.

#### 13. Long-term Enrollment System

- Through well-planned enrollment, the long-term enrollment system allows students to complete a course over a period of more than two years.
- Changes to the enrollment period can be made depending on the enrollment circumstances of each student.
- The system will be applied starting from the following year in case the application was made after admission or during the enrollment period.
- 1) Eligibility

Students in an occupation or accredited by the system are particularly needed by the School.

#### 2) Enrollment Period

Maximum of two years, which amounts to a total course term of three to four years.

#### 3) Application Procedure

Please submit the application form at the time of the admission procedure to the University Office of Student Affairs, Education Division, Section 2.

#### 4) Announcement of Results

Each successful applicant will be notified of the results after completion of the admission procedure.

#### 5) Tuition

- (1) Annual tuition is calculated as follows:
  - Designated Annual Tuition × General Enrollment Period Limit (2 years) ÷ Permitted Enrollment Period
- (2) As the exact tuition amount will be assessed when the results are announced, please do not pay for tuition if you wish to apply for the Long-term Enrollment period.

- (3) If our tuition amount is revised during your enrollment period, the revised amount will be applied. You will be notified in that case.
- (4) If you are a student enrolled in the Nursing Sciences program and wish to apply for the Longterm Enrollment System, please submit the "Enrollment Certificate" and "Job Tenure Certificate" signed by your manager.

#### 14. Prior Consultation regarding Applicants with Disabilities

Applicants with a disability who need special assistance during the examination and enrollment period should consult the University prior to Friday, June 17, 2022. If you have any inquiries, please contact: [For Inquiries regarding the required documents for application, qualifications, screening, and admission, please contact:]

The University Office of Student Affairs, Education Division, Section 2, 3-18-15 Kuramoto-cho, Tokushima 770-8503 TEL: 088-633-9009 (direct line)

## General Outline of Each Field

Nursing Sciences

Nursing S Field	Specialty	Degree	Faculty	Outline
Advanced Nursing	Nursing Education	Master (Nursing Sciences)	IWASA Yukie Tel: 088-633-9005 E-mail: iwasa.yukie@ tokushima-u.ac.jp	Conduct research on theories, curriculum, content, and methods of nursing education, leading to support of nurses', as well as nursing students' ability development and career development.
	Nursing Outcome Management		TANIOKA Tetsuya Tel: 088-633-9021 E-mail: tanioka.tetsuya@ tokushima-u.ac.jp  YASUHARA Yuko Tel: 088-633-7629 E-mail: yasuhara@ tokushima-u.ac.jp	Conduct research on methods and systems for providing high quality nursing care services and develop processes for improving patient care outcomes through technological competency as caring in nursing. Methods of engagement to advance comprehensive human health care outcomes within nursing comprise the focal areas of research.
	Cancer Nursing		IMAI Yoshie Tel: 088-633-9038 Email: imai@medsci. tokushima-u.ac.jp  BANDO Takae Tel: 088-633-7644 Email:b.takae.b@ tokushima-u.ac.jp	Conduct research in the exploration of cancer patient's experience and nursing interventions for symptoms management and in independent therapeutic behaviour of cancer patients.  * This curriculum is designed for students aiming to become Oncology Certified Nurse Specialists (OCNS).
	Community Health Nursing		OKAHISA Reiko Tel: 088-633-9977 E-mail: reiko.okahisa@ tokushima-u.ac.jp  MATSUSHITA Yasuko Tel: 088-633-9037 E-mail: ymatsushita@ tokushima-u.ac.jp	Conduct research on verification of theories of community health nursing practice, construction of theory or conceptual framework, and nursing support or its providing systems to maintain/improve/promote health for people living in the community.
	Child Health Nursing		HASHIMOTO Hiroko Tel: 088-633-9329 E-mail: hhashimoto@ tokushima-u.ac.jp	Conduct research on nursing care and improvement of practical nursing skills necessary to support children and families at various health levels and developmental stages.
	School Health		OKUDA Kikuko Tel: 088-633-9041 E-mail: okuda@ tokushima-u.ac.jp	The state of students' health issues today, such as allergies, mental health, and life style and support are examined and the effects are clarified. Moreover, research is conducted on the roles of school nurses and education practices in students' health support.
	Mental Health Nursing		CHIBA Shin-ichi Tel: 088-633-7614 E-mail: chiba.shinichi@ tokushima-u.ac.jp	Conduct research on mental health problems, mental health nursing and health outcomes for mentally handicapped person and families.

	Mental Health Support		TOMOTAKE Masahito Tel: 088-633-9083 E-mail: tomotake@ tokushima-u.ac.jp  MORI Kenji Tel: 088-633-9082 E-mail: moriken@ tokushima-u.ac.jp	Conduct research about risk factors, support system and prevention of mental problems and disorders.
Health and Medical Care	Oncological Medical Support	Master (Health Sciences)	KONDO Kazuya Tel: 088-633-9031 E-mail: kzykondo@ tokushima-u.ac.jp	Health and Medical Science Oncological Medical Support Conduct study of evaluating quality of life (QOL) of cancer patients treated using patient-reported outcome (PRO)- QOL questionnaires (SF-36 and those of the European Organization for Research and Treatment of Cancer (EORTC) etc.). Develop systems improving patient's QOL for some treatment (surgery, chemotherapy and radiotherapy).
	Women's Health Nursing	Master (Nursing Sciences)	HAKU Mari Tel: 088-633-9080 E-mail: haku@ tokushima-u.ac.jp	Conduct research aimed at solving problems related to women, family and maternal and child health in the life cycle and maternity cycle.
Women's Health• Midwifery	Midwifery (Advanced Course of Midwifery)	Master (Nursing Sciences)	HAKU Mari Tel: 088-633-9080 E-mail: haku@ tokushima-u.ac.jp	This course aims to bring up the Midwifery who is good at the high practice and research by providing advanced technical knowledge and skills.
	Reproductive and Menopausal Health Science	Master (Health Sciences)	YASUI Toshiyuki Tel: 088-633-9023 E-mail: tosyasui@ tokushima-u.ac.jp	Research aimed at improving quality of life in increasing number of diseases associated with advanced-age pregnancy, infertility and menopause.

Radiological Sciences

Field	Specialty	Degree	Faculty	Outline	
	Advanced Medical Image Equipment Engineering		YOSHINAGA Tetsuya Tel: 088-633-9050 E-mail: yosinaga@ tokushima-u.ac.jp	Conduct research related to applied mathematics of inverse problems not only for medical image reconstruction in X-ray computed tomography, emission computed tomography, and magnetic resonance imaging, but also for intensity-modulated radiation therapy treatment planning, in order to realize high-speed and high-quality results for each objective.	
Medical Information Science and Engineering Ra Bio Mo	Medical	Nuclear Medicine Therapy and Nuclear Chemistry	Master (Health Sciences)	SAKAMA Minoru Tel: 088-633-9862 E-mail: minorusakama@ tokushima-u.ac.jp	Conduct researches related to nuclear and radiochemistry and advanced mass separation technique not only for elucidating production mechanisms and chemical properties of super heavy elements (SHE) and new radioisotopes (RI), and for developing the synthesis of radionuclides on nuclear medicine, but also for elemental concentrations, specific activities, and isotopic ratios associated with natural and biomedical occurring elements and nuclides. In addition, also conduct the applied researches of Monte Carlo code PHITS for particle, heavy ion and radiation transport simulation.
	Radiation Biology and Medicine	`		MORITA Akinori Tel: 088-633-9052 E-mail: morita@ tokushima-u.ac.jp	Conduct research related to understanding and controlling biological radiation response for purpose of improving radiation therapy and providing important insight into radioprotection.
	Advanced Medical Image Informatics		HAGA Akihiro Tel: 088-633-9024 E-mail: haga@ tokushima-u.ac.jp	Four research topics are ongoing in our laboratory;  1. Medical image reconstruction with machine learning model based on Bayes theory.  2. Medical image analysis with radiomics strategy and its application to diagnosis, treatment support, and prognosis prediction  3. Physics of photon and/or particle beams and its application to develop a new medical imaging device.  4. Development of hadronic models in Monte Carlo code.	
	Brain Functional Imaging Analysis		KOHNO Satoru Tel: 088-633-9025 E-mail: kohno@medsci. tokushima-u.ac.jp	Conduct research related to imaging techniques, experimental designs and statistical analysis methods for fMRI, and the basic and clinical research on humans using fMRI.	

<u> </u>	Diagnostic Radiology	TAKAO Shoichiro Tel:088-633-9865 E-mail: takao@ tokushima-u.ac.jp	Semi-quantitative analysis of musculoskeletal and cardiac imaging using magnetic resonance imaging (MRI) and computed tomography (CT).
Radiological Science	Metabolic / Functional Image Information Analysis	OTSUKA Hideki Tel: 088-633-9022 E-mail: hideki.otsuka@ tokushima-u.ac.jp	Basic and Clinical research in metabolic / functional image using nuclear medicine technique (single photon and positron).
	Therapeutic Radiology	IKUSHIMA Hitoshi Tel: 088-633-9051 E-mail: ikushima@ tokushima-u.ac.jp	Bringing on the next generation of specialists in the field of radiation oncology is our mission.  All efforts are always turning our eyes toward innovation of minimally invasive cancer therapy using radiation therapy and molecular imaging.

## Biomedical Laboratory Sciences

Field	Specialty	Degree	Faculty	Outline	
Advanced Medical Technology Science	Department of Bioregulatory Sciences	Master (Health Sciences)	ENDO Itsuro Tel: 088-633-9064 E-mail: endoits@ tokushima-u.ac.jp	We perform by using the translational or clinical research methods to clarify the pahtophysiology of endocrine metabolic disorders that cause metabolic bone disease and metabolic syndrome. Furthermore, carry out the development of novel therapeutic targets in these disorders.	
	Bioanalytical Technology		TOMINAGA Tatsuya Tel: 088-633-9063 E-mail: tominaga.tatsuya@ tokushima-u.ac.jp	Elucidation of the pathogenic mechanism of diabetic nephropathy, development of early diagnosis method and new therapeutic targets.	
	Microbiology and genetic analysis		(Health	KATAOKA Keiko Tel: 088-633-9061 E-mail: kataokakeiko@ tokushima-u.ac.jp	Conduct research on the role of intestinal bacteria in host immune system, prevention of opportunistic infectious disease, and health-promoting effect by prebiotics. Through basic microbiological analysis and animal model study, we aim at adapting students to new molecular diagnostic methods.
	Analytical pathology			YAMASHITA Michiko Tel: 088-633-9066 E-mail: yamashitar@ tokushima-u.ac.jp	We conduct researches about correlation of surgical pathology and laboratory test, especially about bone marrow gelatinous degeneration and blood test.  Medical education using reversed clinicopathological conference is also our interest.
	Cells and Immunity Analytics			AKI Kensaku Tel: 088-633-9068 E-mail: aki@ tokushima-u.ac.jp	Conduct research on analyses of blood group oligosaccharide antigens and glycosyltransferase genes, which are important in blood transfusion and transplantation immune reactions, and intracellular Ca <sup>2+</sup> signal transduction mechanism in immune cells and its functional expression and analysis of the NK cell functions.
	Assisted Reproductive Technology			YASUI Toshiyuki Tel: 088-633-9023 E-mail: tosyasui@ tokushima-u.ac.jp	In order to improve the clinical performance of assisted reproductive medicine, we will conduct research on development of in vitro maturation culture method for eggs with clinical application or egg activation method. Basic research on the factors influencing oocyte activation. Clinical research on endocrine factors associated with ovarian reserve in advanced age women.
	Tumor Control Study		KONDO Kazuya Tel: 088-633-9031 E-mail: kzykondo@ tokusima-u.ac.jp	We evaluate the mechanism of carcinogenesis and progression of thoracic malignancies (lung cancer and thymoma, etc) and apply it to the clinical diagnosis and treatment.  1) study for cancer-related genes and DNA repair genes hMLH of lung cancers in chromate (inhalation carcinogens)-exposed workers (Collaborate with Univ. of Kentucky and Louisville. 2) study for establish SCID mouse model orthotopically implanted lung cancer cell lines in order to elucidate the mechanism of chemoradiotherapy. 3) research for discovering cancer-related genes and DNA methylation to predict malignant indicators in thymoma and thymic carcinoma	

## Tokushima University, Graduate School of Health Sciences (Master's Program) Application Form 2023

				Examinee Number	*		
Admission Category	General / Working People Special / Admission for (Privately Funded) International Students (Please circle)						
Name in Hiragana					Geno	ler	
Name (Family name / First name / Middle name) Date of Birth	Y	ear / Month / I	Date (Age	: )		Male / I	Female
Preferred Area	Ni	-i G.i	/ D - 1:-1	.:16.:	/ D:	1: -1 T -14-	C-:
Preferred Area	Nur	sing Sciences	/ Kadiolog	-		dical Laborator le the area for whi	ch you wish to enroll)
Preferred Field / Specialty (Please write the name of the specialty listed on pgs. 10–12)			lanned rofessor			Month and date of preliminary consultation	
Applicant Qualifications	University	Year / Month		Graduated	d / Exped	cted date to grad	duate (Please circle)
		University Na Department/F				Major:	
	National Institution for Academic Degrees and University Evaluation		or's Degree	was Obtained:		, , , , , , , , , , , , , , , , , , ,	
	Other						
Current Address	ı						
		TEL:					
Correspondence Address	Name (Family name / First name / Middle name)				Rel atio nshi p		
	Address						
	TEL:						

<sup>\*</sup> Please do not write anything in the column marked with the following mark ※.

#### 2023 Tokushima University, Graduate School of Health Sciences (Master's Program)

## Photography Ticket

Examinee Number	*
Admission Category	General / Working People / Admission for (Privately Funded) International Students
	(Please circle)
Preferred Area	
Name in <i>Hiragana</i>	
Name (Family name / First name / Middle name)	

Paste photograph here

Must be recently taken, 4×3 cm, upper body, with bare head, and looking straight ahead

### 2023 Tokushima University, Graduate School of Health Sciences (Master's Program)

#### **Admission Ticket**

Examinee Number	*
Admission	General / Working People /
Category	Admission for (Privately Funded) International Students
	(Please circle)
Preferred Area	
Name in	
Hiragana	
Name	
(Family name / First name /	
Middle name)	

[NOTICE]
1. Please do not write anything in the column marked with ※.
2. Please bring this ticket with you to the Entrance Examination.

Paste photograph here

Must be recently taken, 4×3 cm, upper body, with bare head, and looking straight ahead

Examinee N	umber Ticket
Examinee Number	*

Please do not write anything in the column marked with %.

### Examination Agenda

Date of Examination: Saturday, August 27, 2022

Location: Health Sciences Building C, Faculty of Medicine, Tokushima University

		Area				
	Time	Nursing Sciences	Radiological Sciences	Biomedical Laboratory Sciences		
Specialized Subject	9:00-10:00	0				
Essay	9:00-10:00			0		
English	10:30-12:00	0	0	0		
Interview	13:00-	0	0	0		

			Area	Area		
	Time	Nursing Sciences	Radiological Sciences	Biomedical Laboratory Sciences		
Oral Assessment (Language exam is included.)	13:00-	0	0	0		

The examination room will be opened at 8:30am.

Please arrive at the examination room no later than 20 minutes before starting time.

#### (NOTICE)

- 1. Please bring a black pencil, an eraser and wristwatch. There is no wall clock in the exam room. The use of writing boards (*Shitajiki*), fountain pens, ballpoint pens, and colored pencils cannot use during the examination.
- 2. Please, ensure that you write your admission number correctly when you take the examination.
- 3. Applicants who are more than 30 minutes late will be disqualified from the examination.
- 4. Please bring a packed lunch with you if you should need refreshments.
- 5. Bicycles and bikes cannot enter the property of the University due to the unavailability of parking space.
- 6. Please keep all your valuables with you to prevent theft.
- 7. You do not need to bring any room shoes.

#### Biographical Data

		Name (Family name / First name / Middle name)		
Category	Year / Month / Date	Information		
Academic Record	Year / Month	○○○ High School (Junior-High School) Graduated		
<b>%</b> 1)				
Employment Record				
<b>※</b> 2)				
	Experiences or achiev	vements at acader	nic conferences or in society	

#### [NOTICE]

- \*\( \)1) In the "Academic Record" section, please include self-study or cram-school periods, and the graduated faculty/department of university. Do not leave any period blank.
- \*2) In the "Employment Record" section, please include details of your occupation such as a name of the department or job title.
- Also to be included in the "Academic Record" section is any period spent helping with housework or a period of unemployment. Do not leave any period blank.
- 3) In case of insufficient space for your academic or employment record, please attach extra pages accordingly.
- 4) In the "Experiences or Achievements at Academic Conferences or in Society" section, please outline these experiences or achievements if you have any. Please insert "None" if you do not have any.

## 2023 Tokushima University, Graduate School of Health Sciences (Master's Program) Letter of Motivation

		*Examinee Number	
Admission	General / Working People / Adr	nission for (Priv	vately Funded) International Students
Category	8 1		(Please circle)
Name in <i>Hiragana</i>			
Name (Family name / First name / Middle name)			
Pr	referred Area		Preferred Field / Specialty
Please write your purpo	ose for enrolling in the course.		
Please briefly explain th	ne topic/matter you would like to stu	udy in the field.	

#### [NOTICE]

- 1. Please do not write anything in the column marked with %.
- 2. If you prefer writing your Letter of Intent on a PC, please use A4 paper.

## Employer Endorsement Letter

Department

	Job Title
	Name (Family name / First name / Middle name)
I hereby allow the person named above to approximal University.	ply for the Master's Program in the Graduate School of Health Sciences,
Also allow the person to enter and enroll at the examination.	he university while working in my institution if he/she passes the entrance
W (M 4 /D)	
Year / Month / Date	Place of Employment
	Manager
	Job Title and Name

# 2023 Tokushima University, Graduate School of Health Sciences (Master's Program) Application Form for Applicant Qualifications

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(Family name / First name / Middle name)

Date of Birth Home Address Telephone

I hereby apply at the Graduate School of Health Sciences, Tokushima University as stated below and including other required documents.

Preferred Admission Category	General / Working People/ Admission for (Privately Funded) International Students
Preferred Applicant Qualification	(6) / (7)
Preferred Field / Specialty	
Month and date of preliminary consultation	

Please circle appropriate options.

Research Achievements								
			(Y)	(M)	(D)			
Name								
Titles of publications (books, journals, articles, research papers, theses, etc.)	Single or multiple authorship	Year and month of publication or presentation	Names of p journals or associa	r academic	Outline			
Books								
Academic articles								
Conference presentation								
others								

#### Payment of Entrance Examination Fee

- 1. Please pay the Entrance Examination fee at the counter of your closest post office or bank using the bill on the right. (Please do NOT pay through an ATM machine.)
- 2. When making payment, please ensure that you fill in your name in all the "Applicant Name" columns. Also, please separate the payment sheet and submit it with the Entrance Examination fee plus the premium charged at the counter of a bank or post office. (Three payment sheets are attached, please do NOT separate them.)
- 3. Please ensure that you receive the "Certificate of Payment (for application)" with a date stamp after making payment.
- 4. Please attach the "Certificate of Payment (for application)" to the "Certificate of Payment" box on the following form and submit it with your application form.
- 5. As the "Bill of Transfer Payment/Receipt" of this payment sheet will be the receipt for Tokushima University, applicants do not need to send another bill separately.

For Applicants of Graduate School of Health Sciences, (Master's Program)

## Examination Fee Payment Certificate

Examination Fee Payment Certificate (For the application)				
Attach Below				
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