APPLICATION GUIDELINES FOR STUDENTS FROM FOREIGN COUNTRIES

1. Necessary Qualifications for Applicants

Prior to admission, the applicant is desirable to be able to communicate in Japanese and must be qualified according to one of the following categories:

1) The applicant must have completed a total of 18 years of formal schooling. The final school course must have been in dentistry, medicine, pharmacy or veterinary medicine.

2) The applicant must have completed or will have completed at least 18 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 March 31, 2015. The final school course must have been in dentistry, medicine, pharmacy or veterinary medicine.

3) The applicant must have completed a total of 16 years of formal schooling in dentistry, medicine, pharmacy or veterinary medicine, and be judged by the University of Tokushima, Graduate School of Oral Sciences to have superior scholastic ability.

4) The applicant must be judged by the University of Tokushima, Graduate School of Oral Sciences to have equivalent scholastic ability to that of Japanese university graduates.

The applicant must have already successfully completed or expect to complete on or before March 31, 2015 a course of study abroad (the graduate of which must have completed an 4-year course in the educational system and completed dentistry, medicine, pharmacy or veterinary medicine as his/her final school course) that has been assessed in Japan to have university-level courses in that education system comparable to those in Japan and specifically designated as such by the Minister of Education, Science and Culture.

2. Application Procedures

1) Application Period
   July 11 (Friday) - July 25 (Friday), 2014
   In cases of 3) and 4) of above categories, the applicant should fill in the Pre-Judgement Form and send to faculty office by July 7 (Monday) 2014

2) Applications should be mailed or brought in person at the following times:
   9:00-17:00 (on Monday to Friday)
   to the following address:
   Office of Admissions and Student Affairs
   Faculty of Dentistry
   The University of Tokushima
   Kuramoto 3-18-15, Tokushima 770-8504
   Japan
3. Necessary Documents for Application

1) Completed APPLICATION FORM and APPLICANT'S CARD

2) Official Transcript
   A transcript completed on the designated form and sealed by the appropriate authority of the university from which the applicant has graduated or will be graduating.

3) Certification of Graduation
   A Certificate of Graduation from the last school attended or an official letter stating the expected date of graduation from the university which the applicant is attending.

4) Examination fee of 30,000 yen
   If you are an applicant residing in Japan, please make payment by postal account transfer and receive “Certificate of Payment (for application): kentei-ryo harai-komi shomeisho (syutugan-you)”. Applicants must put it on “Certificate of Entrance Examination Fee Payment” (the form attached on this brochure) and submit the form along with the other application materials. Examination fee is non-refundable.
   If you are an applicant residing outside Japan, payment by credit card is available by making an online application through “International Students Portal” of the University’s website.
   http://admission.isc.tokushima-u.ac.jp/english/
   Foreign students supported by a scholarship from the Japanese Government and the applicants who are presently in the Master's program in this university are exempted from the examination fee.

5) Photograph
   Affix one photograph each to the Application Form and Application Card in the places indicated.
   This photograph should be
   1) Taken within 3 months before application.
   2) Front view of the head, with no hat, and body to the waist.
   3) 5.0 cm x 4.0 cm ( length x width ), with no margin.

6) Alien Registration Certificate
   Foreign students must submit a copy of their Alien Registration Certificate.

4. Date and Place of Examination

1) English Examination
   Date and Time: August 27 (Wednesday) 2014, 10:00-12:00
   Note: In the English Examination use of the English dictionary is permitted. However, use of either the technical dictionary such as medical dictionaries or the electronic dictionary is prohibited.
2) Examination in subjects
   As subjects of examination, applicants must choose 1 subject (Applicants' main Department) from 20 subjects which appear in pages 4 - 8. Examination questions are given in both Japanese and English. Applicants are allowed to answer in either Japanese or English.
   Date and Time: August 27 (Wednesday) 2014, 13:00 - 14:00

3) Interviews
   Interviews will be held in both Japanese and English about a research and study project of choice.
   Date and Time: August 27 (Wednesday) 2014, 14:30 ~

4) Place of Examination
   Faculty of Dentistry
   The University of Tokushima
   Kuramoto 3-18-15,
   Tokushima 770-8504,
   Japan

5. Announcement of Examination Results

1) Date:  September 18 (Thursday), 2014, 10:00 ~
2) Place: The results will be mailed to the applicants and also displayed at:
   Faculty of Dentistry
   The University of Tokushima
   Note: The university will not accept any telephone or telegram inquiries about the results of the admission examination.

6. Payment for the First Year

1) Admission fee and Tuition (basis)
   (a) Admission fee: 282,000 yen
      Foreign students supported by a scholarship from the Japanese Government and the applicants who are presently in the Master's program in this university are exempted from the admission fee.
   (b) Tuition : 267,900 yen for the first semester (Annually 535,800 yen)
      Foreign students supported by a scholarship from the Japanese Government are exempted from the tuition.
2) Casualty and accident insurance for students’ education and research : 3,370 yen (covers four years)
3) The University of Tokushima student affairs fund: 11,000 yen (covers four years)
   Note: In case of increase in the tuition during the period of study, students are required to pay the additional fee.
7. "The University of Tokushima International Student Portal" site

For the international applicants who live in foreign countries, we have set up "The University of Tokushima International Student Portal" site under the formal site of the University of Tokushima.

This portal site provides the information regarding the brief sketch of each faculty, graduate school, introduction of teachers/researchers, admission procedure, scholarships, dormitories for international students, and employment assistance after completion of the academic course.

Visit the "The University of Tokushima International Students Portal" site to understand more about the University of Tokushima.

On top page of the University of Tokushima (English), click the banner,

"Online Guide for International Students Wishing to Enter the University of Tokushima"

URL: http://admission.isc.tokushima-u.ac.jp/english/
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<tr>
<th>Department (Subject)</th>
<th>Chairperson</th>
<th>Major Research Fields</th>
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</table>
| Oral and Maxillofacial Anatomy | Prof. Seiihiro Kitamura | - Gross anatomy of head and neck structures  
- Effect of far-infrared radiation and preventive medicine |
| Histology and Oral Histology | Prof. Tatsuji Haneji | - Apoptosis and signal transduction in osteoblastic cells  
- Cell differentiation and protein dephosphorylation  
- PKR and bone formation/resorption |
| Molecular Oral Physiology | Prof. Hiroshi Yoshimura | - NMDA receptor and synaptic plasticity  
- Integration and interaction of oral sensory information in the brain  
- Improvement of cognitive dysfunction by activations of masticatory systems  
- Expression and regulation of aquaporins, water channel proteins  
- Induction of inflammation cytokines in the salivary gland and the defense system of oral cavity |
| Molecular Biology | Prof. Takafumi Noma | - Energy metabolism  
- Cell differentiation  
- Applied stem cell technology |
| Oral Molecular Pathology | Prof. Naozumi Ishimaru | - Pathogenesis of Sjogren's syndrome  
- Sex difference in autoimmunity  
- T cell dysfunction in autoimmunity  
- Pathogenesis of metal allergy  
- Aging in autoimmunity  
- Endocrine disruptor and immune system  
- Carcinogenesis and tumor immunity |
| Oral Microbiology | Prof. Yoichiro Miyake | - Pathogenicity of oral bacteria  
- Microbial adherence  
- Mechanisms of antibiotic resistance and tolerance in *Pseudomonas aeruginosa*  
- Bacterial stress response  
- Prevention of aspiration pneumonia |
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<tr>
<th>Medical Pharmacology</th>
<th>Chairperson</th>
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|                      | Prof. Katsuhiko Yoshimoto | • Genetic approaches to tumorigenesis  
• Growth, differentiation, and death of pancreatic ß cells  
• Metabolic regulation by adipokines  
• Alteration of neurotransmitter receptors and cellular signal transduction  
• Salivary secretion and membrane carrier proteins  
• Biomarkers in saliva |
| Biomaterials and Bioengineering | Prof. Kenichi Hamada | • Development of new functional implant materials  
• Development of new alloys for biomedical devices  
• Development of new bio-ceramics and its application |
| Preventive Dentistry | Prof. Hiro-O ITO | • Mucosal immunity-Immune network-Immunological memory and maternal immunity  
• Control of oxidative stress for prevention of dental and systemic diseases  
• Analysis of salivary components for novel diagnostic measures for periodontal diseases and bad breath  
• Clinical and epidemiological studies for prevention of dental diseases |
| Conservative Dentistry | Prof. Takashi Matsuo | • Studies on the bacterial invasion of dental caries and infected root canals  
• Development of a new method of caries-treatment using sealed retraction of carious dentin  
• Studies on pulpal pathosis and diagnosis  
• Studies on the periodontal tissue destruction and its control  
• Development of treatment method for dentin hypersensitivity |
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| Periodontology and Endodontology        | Prof. Toshihiko Nagata       | • Relationship between periodontal disease and diabetes mellitus  
• Mechanisms of initiation and healing in periodontal disease  
• Etiology of drug-induced gingival overgrowth  
• Biological study on bone formation and resorption  
• Relationship between dentin calcification and non-collagenous proteins synthesized by dental pulp cells |
| Oral and Maxillofacial Prosthodontics and Oral Implantology | Prof. Tetsuo Ichikawa       | • Oral function and management of aged patients  
• Basic and clinical studies on biomaterial  
• Biomechanical and biological studies of dental implant  
• Speech physiology and pathology in dentistry  
• Development of prosthetic material and apparatus |
| Stomatognathic Function and Occlusal Reconstruction | Prof. Yoshizo Matsuka       | • Three dimensional analysis of jaw movements and occlusion  
• Sleep bruxism  
• Basic and clinical research for temporomandibular disorders and orofacial pain  
• Basic and clinical research for tissue regeneration  
• Metal allergy  
• Clinical epidemiological research for prosthodontic treatment |
| Oral Medicine                           | Prof. Masayuki Azuma         | • Functional regeneration of salivary glands  
• Development of novel diagnostic methods and treatment of oro-facial pain  
• Study on dental psychosomatic disorder and abnormality of autonomic nervous system  
• Therapy of oral mucosal diseases based on molecular targeting |
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| Oral Surgery              | Prof. Yoji Miyamoto       | • Molecular targeting therapy for oral cancer  
• Anti-metastasis therapy for oral cancer  
• Mechanism of drug resistance in oral cancer  
• Novel surface treatment method for titanium implant  
• Novel bone tissue engineering  
• Novel bioresorbable bone substitute |
| Orthodontics and          | Prof. Eiji Tanaka         | • Mechanism of craniofacial growth and development  
• Mechanism of periodontal tissue remodeling induced by mechanical stress  
• Biological study on bone formation and resorption  
• Study on congenital anomaly and jaw deformity patients  
• Development of novel orthodontic materials  
• Tissue engineering in oral and maxillofacial region |
| Dentofacial Orthodontics  |                           |                                                                                                                                                                                                                        |
| Pediatric Dentistry       | Prof. Tsutomu Iwamoto     | • Dental and craniofacial development  
• Stem cell research  
• Root resorption of primary tooth  
• Pediatric behavior management  
• Epidemiological research on dental caries in children  
• Development of masticatory function  
• Development of new dental biomaterials |
| Oral and Maxillofacial    | Prof. Eiichi Honda        | • Quantification of image findings  
• Improvement of image diagnostic accuracy using engineering technology  
• Improvement of clinical diagnosis using advanced MR or CT scanner |
| Radiology                 |                           |                                                                                                                                                                                                                        |
| Dental Anesthesiology     | Prof. Hiroshi Kitahata    | • Perioperative cardioprotection by heat shock protein and anesthetic-induced pre-/post-conditioning  
• The effects of intravenous anesthetics on the release of vascular endothelial growth factor and the angiogenesis  
• The reductive mobilization of iron and the effects of local anesthetics on oxidative stress  
• The role of nitric oxide and beta- adrenergic receptor in myocardial protection by pharmacological conditioning |
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<td>Comprehensive Dentistry</td>
<td>Prof. Fumiaki Kawano</td>
<td>• Studies on occlusal scheme for denture</td>
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<td>• Development of esthetic materials and its evaluation</td>
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<td></td>
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<td>• Development of new biomaterials</td>
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<td>• Clinical studies on maxillofacial prosthesis</td>
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<td>• Study of the relationship between head and neck muscle activities and pain during sleep</td>
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