

Course Number	06074
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## 2006 「The International Priority Graduate Programs (PGP)」

~Advanced Graduate Courses for International Students~

### 【1. Profile of the University】

① University Department	The University of Tokushima			
② President	AONO Toshihiro			
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⑤ Web-Address	<a href="http://www.isc.tokushima-u.ac.jp/Admission/admission.htm">http:// www.isc.tokushima-u.ac.jp/Admission/admission.htm</a>			
⑥ Enrollment (only Graduate School)	162 (include MEXT's Scholarship Students: 32)			

### 【2. Outline of the Course】

① Course	Interdisciplinary Health Care Graduate Program in English
② Degree	Ph. D. Course (3 or 4 years)
③ Graduate Course, Department	Course of Medicine / Proteomics Medical Science, Graduate School of Medical Sciences
	(Address) 3-18-15, Kuramoto-cho, Tokushima 770-8503
④ Collaboration (Universities, Graduate courses, Departments)	The University of Tokushima <ul style="list-style-type: none"> <li>▪ Graduate School of Oral Sciences</li> <li>▪ Graduate School of Pharmaceutical Sciences</li> <li>▪ Graduate School of Nutrition and Bioscience</li> </ul>
⑤ Quota	10 (include MEXT's Scholarship Students: 4) (include Japanese : 2)
⑥ Faculties	66 (Full-time(only for this course):65 Full-time(at the department offering this course): 1 Part time: 0)
⑦ Representative of the Course	Job Title: Dean of Graduate School of Medical Sciences
	Name: MATSUMOTO Toshio

### 【3. Contents of the Course】

## Interdisciplinary Health Care Graduate Program in English

### ◆Program Overview◆

This program is the English special graduate program offered by our newly integrated graduate health and life sciences schools of Tokushima University. These include the Schools of Medicine, Dentistry, Pharmacy, Nutrition, the Institute for Enzyme Research and the Institute for Genome Research. All these schools are concentrated in 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 21<sup>st</sup> century.

### ◆The program goal◆

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

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" based on a cooperative program with the Japan International Cooperation Agency (JICA). 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.



◆Language used in the program◆

Both lectures and research are conducted in English.

◆Quota of students◆

The different Graduate Schools offer Ph. D. courses in the fields of Medical Sciences, Oral Sciences, Pharmaceutical Sciences, Nutrition and Bioscience.

Number of students to be enrolled in the program:

8 foreign students (four of them will be recommended to MEXT's Scholarship )

2 Japanese students

In principle, we accept foreign students based on recommendations from universities with a scientific exchange agreement with Tokushima University.

◆Future prospect of the graduates◆

The program provides students with capacity to work as specialists in education, research or administrative management, who can play an active role in the development of health care not only in their own countries, but also in international corporations such as WHO and JICA.

◆Follow up System◆

The Fujii - Otsuka Fund for International Educational and Research Exchanges offers financial support for a short-stay post-doctoral research program to young foreign researchers who completed this English special program. Moreover The Steering Committee of the International Affairs of the university organizes an international promotion symposium every year, inviting about three foreign post graduates for a refreshing homecoming.

◆Supervised System of Education and Research◆

The Institute of Health Biosciences was established in 2004 by integrating the Graduate Schools of Medicine, Nutrition, Dentistry, and Pharmaceutical Sciences. The Institute is designed to play a critical role in the fields of health and life sciences in terms of education, integrated research, and social contribution. With 8 divisions, 25 subdivisions, and 80 departments, the institute is one of Japan's biggest health bioscience research institution having faculty members in all of the above disciplines.

The Communication Know-How course is designed to improve the students understanding the principles underlying scientific writing, and to develop their capacity, as future leaders, to tackle local health problems and think globally.

A special Steering Committee is in charge of the organization, coordination and management of the present program.

◆Innovation in the new English program◆

The English special course was established in 2002 from the necessity for international education and research in primary care and preventive medicine, integrating conventional medicine, dentistry, pharmacy and nutrition to combat life style-related diseases, emerging and/or reemerging infections, and human environment issues, which are among the big challenges to global health in the 21<sup>st</sup> century

This program has been positioned as special English course of our integrated graduate school. In order to reach further fullness, the following new features have been introduced:

**Interdisciplinary Health Care Graduate Program in English**

◆A common-interests educational curriculum for all the specialty courses.

◆Subjects taught by a foreign instructor

◆The International Cooperation Course in collaboration with JICA.

◆Training of privately funded, talented international and Japanese researchers

Entrance in spring (April) for Japanese and privately funded foreign students is accepted