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| Course Number | 07017 |
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2007 「The International Priority Graduate Programs (PGP)」

~Advanced Graduate Courses for International Students~

【1. Profile of the University】

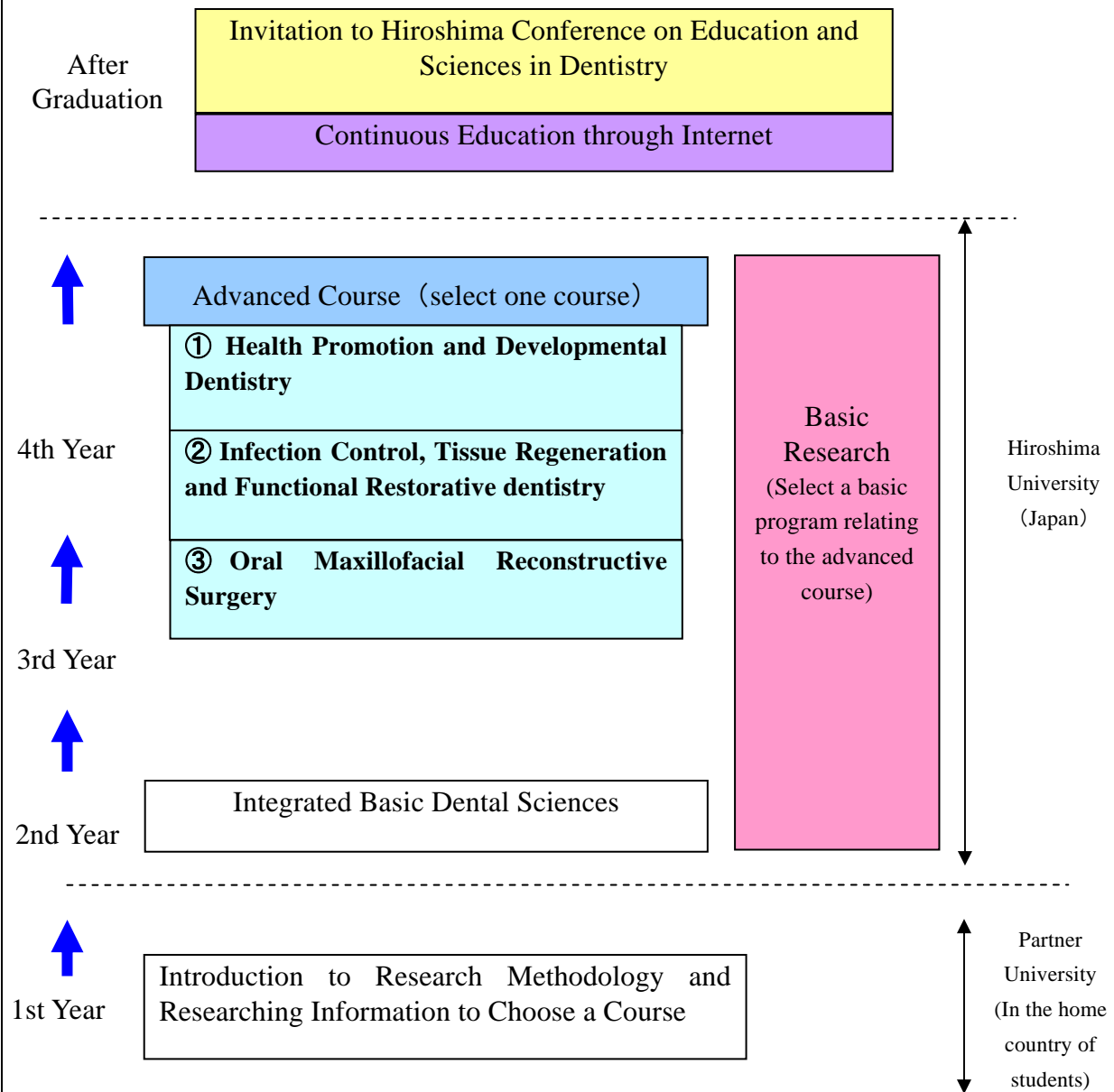
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|---------------------------------------|---|--|---|
| ①University<br>Department             | Hiroshima University<br>Graduate School of Biomedical Sciences  |  |   |
| ②President                            | ASAHARA Toshimasa   |  |   |
| ③Address<br>(Headquarters)            | 〒739-8511 1-3-2 Kagamiyama Higashi-Hiroshima City JAPAN   |  |   |
| ④Contact                              | Division  | International Affairs Bureau, International Student Exchange Group |   |
|                                       | Contact person's<br>Name  | YOSHIZUMI Seiji  | e-mail ryugaku-group@office.hiroshima-u.ac.jp |
|                                       | TEL/FAX Number  | Tel 082-424-6181 fax 082-424-6179                                  |   |
| ⑤Web-Address                          | <a href="http://www.hiroshima-u.ac.jp/en/international/scholarships/index.html">http://www.hiroshima-u.ac.jp/en/international/scholarships/index.html</a> |  |   |
| ⑥Enrollment<br>(Only Graduate School) | 503 (include MEXT's Scholarship Students: 162 )   |  |   |

【2. Outline of the Course】

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| ①Course  | Twinning Program for Advanced Dental Medicine Promotion<br>in Southeastern Asia                    |
| ②Degree  | Doctor of Philosophy (twinning) (3 years)  |
| ③Form  | Twinning   |
| ④Graduate Course,<br>Department                                    | Graduate School of Biomedical Sciences<br>Programs for Biomedical Research                         |
|  | (Address) 1-2-3 Kasumi, Minami-ku, Hiroshima, JAPAN  |
| ⑤Collaboration<br>(Universities, Graduate<br>courses, Departments) | Hiroshima University<br>Graduate School of Biomedical Sciences<br>Programs for Applied Biomedicine |
| ⑥Quota   | 6 (include MEXT's Scholarship Students: 3 )<br>(include Japanese : 0 )                             |
| ⑦Faculties   | 92 (Fulltime:92 Fulltime (other department):0 Part time:0 )  |
| ⑧Representative<br>of the Course                                   | Job Title Dean, Graduate School of Biomedical Sciences   |
|  | Name OKAMOTO Tetsuji   |

**【3. Contents of the Course】**

This program has three courses for advanced diagnostic and therapeutic dental medicine: 1. Oral Health Promotion and Developmental Dentistry, 2. Infection Control, Tissue Regeneration and Functional Restorative Dentistry, and 3. Oral Maxillofacial Reconstructive Surgery (Figure). All lectures are performed in English.



As shown in the Figure, in the first year, students familiarize themselves with information literacy and research methodologies for course selection at the their own school. In the second year, students visit in Japan and start their doctoral research at the Hiroshima University Graduate School of Biomedical Sciences. The students select one of the three courses and learn the basic research practices relating to the selected course. They also have to take the integrated basic dental science program which relates to each course. In their third year, students are required to get credit for basic clinical subjects common to the three advanced courses. In the fourth year, students study the specialized practices of each course using facilities such as mannequins and the video-on-demand system. In addition, students are required to participate in the treatment of the patients to enhance their ability to diagnosis and treat patients with the help of qualified clinical instructors. Thus, student can learn both fundamental and clinical dental sciences via this balanced program of courses and acquire the ability to improve the academic level of dental sciences and practice in

their home countries as an educator or researcher of fundamental and clinical dental sciences or as a leading clinician. Instructors of the programs for biomedical research will mainly conduct the Integrated Basic Dental Sciences. The advanced clinical dental dentistry will be mainly conducted by instructors of the program for Applied Biomedicine from the Graduate School of Biomedical Sciences at Hiroshima university.

Students will be selected from Dental Schools of the University of Malaya (Malaysia), Airlangga University (Indonesia) and the University of Health Sciences in HCM City (Vietnam).

The students for the program will be selected by a letter of recommendation from the Dean of each Dental School, academic achievements, including GPA or a GPA equivalent index, statement of purpose, English language ability (TOFEL, TOEIC), internet interview and an interview by the instructors of Hiroshima University. The number of students to be accepted will be two for each course (2 students × 3 courses = total of 6 students). One of the two students will receive a MEXT's scholarship and the other student will be privately financed.

The students who complete this program are expected to be leading dentists or a researchers, school teachers in the dental field of their mother country, and train the leaders of the next generation. The students will organize a class reunion of the graduates in their mother country and will continue to have close ties to Hiroshima University. Continuous education will be supported by the Hiroshima University E-learning System. The Hiroshima University Graduate School of Biomedical Sciences will invite the graduates to the Hiroshima Conference on Education and Sciences in Dentistry (held every two years) on a priority basis. The graduates will have the opportunity to report their activities in their countries and receive suggestions and comments from the participants of the Conference to further advance their work.