

For entrants in FY 2021

Appended Form 1

Specifications for Major Program

Name of School (Program) [School of Dentistry, Program of International Dentistry]

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|-------------------------|----------------------|
| Program name (Japanese) | 歯学プログラム |
| (English) | Program of Dentistry |

1. Degree: Bachelor (Dentistry)

2. Outline

The School of Dentistry provides the "Program for International Dentistry" based on a foundational philosophy that aims to educate dental medical staff to acquire cross-disciplinary, general, creative, and international capabilities. To enable students to achieve the targets defined for this program, education is provided according to the contents described below:

- (1) Biodental education in the newly established academic framework that fuses life science and dental medicine and teaches the latest research methods, knowledge, and skills while respecting the existing academic frameworks of life science and dental medicine;
- (2) Education for developing dental medical staff who are able to collect and analyze required knowledge and information, update their thinking based on such knowledge and information in order to find comprehensive solutions to problems from a variety of points of view, and who possess a mindset that leads them to attempt to judge and act on their own responsibility and with deep humanity; and
- (3) Education that fosters expressiveness, comprehension, and a rich sensitivity for Japanese and foreign languages, and that develops capabilities for communication with and presentation to persons from different cultures and/or academic realms.

3. Diploma policies (degree conferment policy & program attainment goals)

The Program for International Dentistry will award a degree of Bachelor of Dentistry to students who, in addition to earning the required credits defined for the educational course, have acquired the capabilities described below:

- (1) Deep humanity, an understanding of the professional responsibilities of a dentist, and the fundamental knowledge, skills, and attitude required for putting such responsibilities into practice;
- (2) Recognition of the importance of research, as well as possession of a scientific intelligence and creativity;
- (3) The ability to think critically and solve problems, as well as the ability to study continuously throughout life;
- (4) The ability to communicate appropriately with patients, their families, and the other medical staff;
- (5) A capability for coping with change in society and progress in science related to dental medicine; and
- (6) The ability to deepen empathy and understanding toward different cultures and scientific realms, as well as a capability for convincingly representing personal opinions in an international society.

4. Curriculum policies (policies for organizing & providing curricula)

To enable students to achieve the targets that are defined for the Program for International Dentistry, the educational courses are organized and executed according to the following policies:

- (1) The liberal arts subjects are provided to enable students to establish the academic foundation required for the

specialized education, acquire academic and general knowledge, methodology, and points of view, and develop a deep humanity based on a wide-ranging intelligence and the normative consciousness required for medical staff.

- (2) Students are allowed to improve their basic English ability by taking foreign language subjects in the liberal arts education and practical English subjects provided in the specialized education. In addition to this, they join specialized educational subjects that are provided in both Japanese and English (Dual Linguistic Education), and study with students on the International Dental Course and short-term international students, in order to enhance their empathy and understanding toward the cultures of various countries and improve their international communication abilities.
- (3) The specialized education subjects provide biodental education for practicing dental medicine based on life science in order to enable students to acquire the basic knowledge and skills in life science and the specialized knowledge and basic clinical skills required for dentists; to enhance their understanding of scientific literacy, research ethics, and medical ethics; and to develop their scientific thinking abilities and creativity through practical dentistry research and education.
- (4) Students are encouraged to enhance their awareness as future dental practitioners through the practical clinical experience gained in early stages of the course, and to recognize both the importance of the establishment of good human relationships with patients, their families, and other medical staff and the diversity of needs in dental medicine. In addition to this, they acquire the perspectives, knowledge, skills, and attitude required to provide the high-quality dental medicine that citizens require and to take positions of responsibility in local society.
- (5) Integrated dental medicine education is provided for whole the educational course by introducing Problem-based Learning (PBL) and the other educational methodologies as self-leading study methods to enable students to develop the professionalism required for medical staff; improve their problem solving abilities, critical thinking, and ability for lifelong study; and acquire the capabilities required for dental medicine based on the holistic philosophy and general competence required in an international society.

The achievement in education is evaluated based on the result of the common achievement test (Computer Based Testing (CBT) / Objective Structured Clinical Examination(OSCE)), conducted before starting practical clinical exercises, and the result of the common achievement test (Post-Clinical Clerkship Performance examination(Post-CC Px)), conducted during practical clinical exercises, in addition to the grade scores for the subjects in the Program for International Dentistry and evaluation of the achievement level against the target defined for this program, in order to develop dentists with the superior capabilities that are required in society and by citizens.

5 . Start of the program / Admission conditions

First year (at the time of admission)

6 . Qualification(s)

Qualification for the National Board Dental Examination (obtainable on graduation)

7. Class subjects and class content

* See the Table of Registration Standards on Attached Sheet 1-1 and 1-2 for your class subjects.

* See the syllabus announced in each fiscal year for class content.

8. Academic achievements

At the end of each semester, evaluation criteria will be shown with a clear indication of attainment levels according to the evaluation items for academic achievements.

Students' learning outcomes from admission to the current semester will be indicated as one of three levels: "Excellent," "Very Good," and "Good," based on evaluation criteria calculated by adding the weighted values to numerically converted evaluations of their academic achievements (S = 4, A = 3, B = 2, and C = 1) in each subject being evaluated.

| Evaluation of academic achievement | Converted values |
|------------------------------------|------------------|
| S (Excellent: 90 points or higher) | 4 |
| A (Superior: 80 – 89 points) | 3 |
| B (Good: 70 – 79 points) | 2 |
| C (Fair: 60 – 69 points) | 1 |

| Academic achievement | Evaluation criteria |
|----------------------|---------------------|
| Excellent | 3.00 – 4.00 |
| Very Good | 2.00 – 2.99 |
| Good | 1.00 – 1.99 |

* See the relationships between evaluation items and evaluation criteria on Attached Sheet 2.

* See the relationships between evaluation items and class subjects on Attached Sheet 3.

* See the Curriculum Map on Attached Sheet 4.

Academic achievements based on the Program (detailed knowledge, skills, and attitude)

1. Understanding of liberal arts including the humanities and natural sciences
- 2.
- 3.
- 4.
- 5.
6. Knowledge & understanding of foreign languages and foreign cultures

Abilities & skills

1. Basic skills for prevention, examination, inspection, diagnosis, and treatment of diseases in areas of dental medicine
2. Basic skills required for conducting experiments and presentations
3. Skills for appropriately collecting, selecting, organizing, and presenting information regarding life science and dental medicine

1. Rich humanity, understanding of professional responsibilities of a dentist, and general capabilities including basic knowledge, skills, and attitude required for putting such responsibilities into practice
2. Recognition of the importance of research, scientific intelligence, and creativity
3. Ability to think critically, solve problems, and engage in lifelong learning
4. Skills for appropriately communicating with patients, their families, and other medical staff
5. Ability for coping with change in society and progress in science related to dental medicine
6. Capabilities for coexisting and cooperating with persons from various cultures and regions, and for international communication

9 . Graduation thesis (graduation research) (placement and method & time of assignment)

Students are not required to prepare a graduation theses.

1 0 . Responsibility system

The dean room council and the faculty council of the School of Dentistry are engaged in planning for and execution of this course. For the processes of evaluation and action for improvement, the dean of the School of Dentistry consults with the dean room council and the faculty council of the School of Dentistry, and carries out the required actions while taking the results of the consultations into consideration.

<Program of Dentistry >

Peace Science Courses

Basic Courses in

Liberal Arts Education

A
B
A
B

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:
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