



Joint Degree Doctoral Program in Medical Sciences between Tokyo Medical and Dental University and Mahidol University

Self-assessment report

<Term for evaluation: April 2022 - March 2023>

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1. Mechanism for implementation of the JD Program

1-1. Joint implementation structure

1-1-1 Joint committees

Evaluation indicator

Appropriate committees for discussing important matters of educational activities and examining curricula and educational methods are organized and active.

[Plan]

Tokyo Medical and Dental University (hereafter referred to as "TMDU") and Mahidol University (hereafter referred to as "MU") will jointly establish committees to discuss important matters of education and research and to examine curricula and educational methods.

The committees are:

- (1) Dean Council
 - The Dean Council calls meetings at least once a year to deliberate important matters of education and research.
- (2) Program Administrative Committee
 The Program Administrative Committee examines credit recognition for each subject. Entrance examinations, curriculum development, regular examinations and reporting assignment are also managed by this committee.
- (3) Dissertation Proposal Defense committee
 The Dissertation Proposal Defense committee examines students in the
 Dissertation Proposal examinations at the first semester of the second year.
- (4) Dissertation Defense Committee
 The Dissertation Defense Committee conducts dissertation defense.
- (5) External Assessment Committee
 The External Assessment Committee conducts external assessment.

[Current situation]

Two committees, namely the Dean Council and the Program Administrative Committee, are organized and active on the established rules.

The meeting of the Dean Council was held in March 2023, and the Program Administrative Committee meeting has been conducted regularly according to the academic schedule, discussing various topics regarding education, program operation, and dissertation defense, with everything progressing as expected thus far.

<Past committees meetings>

(1) Dean Council

The Dean Council meeting was conducted by email on March 27, 2023, for reviewing matters that were discussed and settled between April 2022 and March 2023, and finally approving the self-assessment results for 2021. The next Dean Council meeting is scheduled to be held in February or March 2024.

(2) Program Administrative Committee

Both TMDU and MU are scheduling and conducting regular Committee meetings according to the academic schedule.

(Table 1)

| · / | |
|-------------------|-------------|
| Date | |
| April 28, 2022 | 1st meeting |
| June 23, 2022 | 2nd meeting |
| July 21, 2022 | 3rd meeting |
| October 27, 2022 | 4th meeting |
| December 15, 2022 | 5th meeting |
| February 09, 2023 | 6th meeting |
| March 14, 2023 | 7th meeting |

1-1-2 Communication method

[Evaluation indicator]
Appropriate communication method is established.

[Plan]

The TMDU-MU Partnership Siriraj Office, established by TMDU in the Faculty of Medicine, Siriraj Hospital at MU, and the online communication system will be used for communicating with each other.

[Current situation]

Both TMDU and MU are using the online communication system for holding meetings that are convened by the program administrative committee mentioned above, for joint interviews during the entrance examination and for organizing meetings with TMDU members and students.

Moreover, the TMDU-MU Partnership Siriraj Office in Thailand, equipped with a computer, copy machine, tables and chairs, is being used for holding meetings between TMDU faculty members and students, especially when the former visit MU.

[Evaluation of 1-1 Joint implementation structure]

| | | 2020 | 2021 | 2022 |
|-----|-------------------------------------|------|------|------|
| IV | Achievement greater than plan. | | | |
| III | Plan was achieved. | X | X | X |
| II | Plan was not achieved sufficiently. | | | |
| Ι | Plan was not achieved. | | | |

Evaluation of current situation

(MU)

Communication between MU and TMDU via online conferencing is proceeding satisfactorily during the COVID-19 situation. We constantly share information regarding the program and have responded swiftly to problems that emerged.

(TMDU)

The Joint Implementation Structure and Communication methods are working effectively using teleconference systems (ZOOM).

A regular committee meeting is held every month for curriculum management. Information and views are exchanged frequently via e-mail, as necessary. In addition, we conducted interviews with students to monitor the status of their research projects and credit acquisition.

We conducted a Dean meeting in the last month of the academic year to confirm progress on this program, admission process for new students, and credit acquisition status.

Additionally, one of the committee members, Keiichi Akita, visited Siriraj Hospital on August 8, 2022, to hold more in-depth discussions regarding the program.

Proposals for improvement

(MU)

No improvement is required.

(TMDU)

Currently, no improvement is under consideration in TMDU.

1-2. Policies

1-2-1. Diploma Policy

[Evaluation indicator]

Diploma Policy is set and published based on the educational objectives, and completion of the program is approved in a fair and strict manner.

[Plan]

According to the following Human Resources Development Goals of the Program, TMDU and MU will make a diploma policy and confer the degree of Doctor of Philosophy in Medical Sciences on students.

[Human Resources Development Goals]

This program is designed to foster advanced medical personnel involved in the treatment of diseases in a super aging society, especially multidisciplinary treatment such as cancer treatment:

- (1) Surgeons who can advance the field of cancer treatments;
- (2) Skilled medical research scientists who can promptly respond to the needs of society; and
- (3) Leaders who can advance the medical sciences and healthcare fields in Japan, Thailand and throughout the ASEAN region.

[Current situation]

The following Diploma Policy, based on the Human Resources Development Goals of this Program, has been jointly established by TMDU and MU by mutual consent.

【Diploma Policy】

The Program confers the degree of Doctor of Philosophy on students who attain the required credits, pass the dissertation defense and final examinations and can do all of the following.

- 1) Ability to acquire advanced specialized knowledge, technique, applied skills in the field of surgery and to independently carry out pioneering research activities.
- 2) Ability to accurately summarize, widely explain and disseminate research results in the fields of surgery and biomedical sciences related to surgery.
- 3) Ability to identify international issues related to surgical medicine and solve problems from an international perspective; and the capacity to play a leading role in the field of education and research.

Faculty members of TMDU and MU have explained the Diploma Policy to new students in their respective university guidance. The policy can also be viewed on the websites of both universities.

There is no experience of completion of this program because it is a 4-year program that commenced in 2020. Both TMDU and MU are preparing for degree conferment in March 2024.

1-2-2 Curriculum Policy

[Evaluation indicator]

- Curriculum Policy is clearly indicated and published based on the educational objectives.
- Academic curricula are organized and implemented based on Curriculum Policy.

[Plan]

TMDU and MU will draw up a Curriculum Policy and put together a curriculum for acquiring the essential knowledge, skills, experience and leadership needed for the degree and to become highly specialized medical professionals.

[Current situation]

The following Curriculum Policy has been established with the mutual consent of TMDU and MU. TMDU and MU added (6) and (7) in 2021.

[Curriculum Policy]

The curriculum has been designed based on the following policies in order to create an environment in which students can acquire the knowledge, skills, experience and leadership abilities necessary to obtain a degree and become a highly specialized medical professional.

- (1) Establish "Clinical Core Subject I" to enable students to acquire advanced skills in specialized fields through specific research themes in clinical surgery. Establish jointly designed "Clinical Core Subject II" to enable students to acquire a wide range of knowledge, analytical abilities, and basic/applied skills in surgery and in biomedical sciences related to surgery, as well as developing an international perspective.
- (2) Establish "Clinical Statistics and Biomedical informatics" to enable students to acquire the basic knowledge of statistics and epidemiology necessary to conduct international-level research.
- (3) Establish "Cancer Professional Training Subjects" to enable students to acquire comprehensive knowledge and skills related to cancer and methodologies for conducting clinical research, which are required of leaders in cancer treatment.
- (4) Establish "Research core subjects" to enable students to cultivate the knowledge and research skills necessary to explore research themes in their surgical specialty, and acquire the knowledge and analytical skills necessary for basic research related to those themes.
- (5) Establish "Experiments and Thesis Writing" under the guidance of both universities to enable students to write original and practical papers based on scientific evidence through independent research on specific research topics related to surgical specialties.
- (6) Evaluate student academic performance based on formative and summative criteria, as described in the syllabus, in order to achieve educational goals.
- (7) Evaluate thesis/dissertation strictly based on diploma policy, and conduct thesis/dissertation defense and final examination appropriately.

Academic curricula are organized and implemented based on the Curriculum Policy. The table 2 shows the list of subjects reflecting each item of the policy. The Curriculum Policy is viewed on both universities, websites.

(Table 2)

| Field | Subject | Credits (TMDU) | Credits (MU) |
|---|---|-------------------|--------------|
| | Clinical Core Subject I (TMDU) | 2 | |
| Clinical Core Subjects | Clinical Core Subject I (MU) | | 2 |
| | · Clinical Core Subject II | 5 |) |
| | Overview of Public Health Medicine in Disease Prevention | 2 | |
| | · Epidemiology | 2 | |
| Clinical Statistics and Biomedical informatics | Clinical Biostatistics and Statistical Genetics | 2 | |
| | Research methodology in Biomedicine | | 2 |
| | Biostatistics in Biomedicine | | 2 |
| | Overview of Cancer: Cancer Biology, Pathology and Anatomy | 1 | |
| | Minimal Invasive Treatment for Cancer I | 1 | |
| | Minimal Invasive Treatment for Cancer II | 1 | |
| | Organ-specialized Cancer | 1 | |
| | Pediatric and rare cancers | 1 | |
| | Advanced Clinical Oncology | 1 | |
| | Cancer genomics and precision medicine | 1 | |
| | Palliative Medicine: Outline | 1 | |
| Cancer Professional Training Subjects | Applied Cancer Biology and Immunology | | 1 |
| | Stem cell for Surgical Patient | | 1 |
| | Basic Laboratory Relevance to Surgery | | 1 |
| | · Cancer Imaging | | 1 |
| | · Robotic Surgery in Urology | | 1 |
| | · Basic Surgical Endoscopy | | 1 |
| | Advanced Inter Disciplinary Endoscopy for Gastrointestinal Tract Cancer | | 1 |
| | Perioperative Care Surgical Patient | | 1 |

| | | · Specialized Surgeries | 4 | |
|------------------------|--------------------------------|---|----|----|
| | | · Gastrointestinal Surgery | 4 | |
| | | Hepatobiliary Pancreatic Surgery (TMDU) | 4 | |
| | | · Head and Neck Surgery | 4 | |
| | | Urology (TMDU) | 4 | |
| | Surgery | Surgery for Upper GI Cancer | | 4 |
| ects | | Surgery for Lower GI Cancer | | 4 |
| Research core subjects | | Hepatobiliary Pancreatic Surgery (MU) | | 4 |
| core | | · Vascular Surgery | | 4 |
| arch | | Multidisciplinary Approach to Disease of Head Neck and Breast | | 4 |
| ese | | • Urology | | 4 |
| | | Stem Cell Regulation | 4 | |
| | | Clinical Anatomy | 4 | |
| | Biomedical | Developmental and Regenerative Biology | 4 | |
| | sciences related to Surgery | Biomechanics | 4 | |
| | to burgery | · Clinical Oncology | 4 | |
| | | Principles in Systems Pharmacology | | 4 |
| | | Stem Cell Science | | 4 |
| | eriments and | • Experiments and Thesis writing at TMDU | 24 | |
| Thesis Writing | | • Experiments and Thesis writing at MU | | 24 |

1-2-3. Admission Policy

[Evaluation indicator]

Clear Admission Policy is established and entrance examination is conducted in accordance with it.

[Plan]

In accordance with the Human Resources Development Goals of the Program (Refer to the item, 1-2-1), TMDU and MU will draw up an Admission Policy and conduct entrance examinations in accordance with it.

[Current situation]

TMDU and MU have drawn up the following Admission Policy by mutual consent. Both added the 《Basic Entrance Examination Policies》 in 2021.

[Admission Policy]

⟨What We Expect of Our Students⟩⟩

This program aims to foster highly skilled experts as well as global leaders who possess a wealth of knowledge in the fields of biomedical and medical sciences, especially in surgery, not only in Japan and Thailand, but also throughout Southeast Asia. Qualified applicants who meet any of the following criteria are therefore highly encouraged to apply for our program.

- 1) Eager to acquire advanced clinical ability, basic knowledge and techniques in the field of surgery, or understanding grounded in the latest research in the field of surgery.
- 2) Eager to be independent basic-clinical researchers in the fields of surgery with the capacity to take the lead in national/international clinical research projects or clinical education upon completion of this course.

《Basic Entrance Examination Policies》

Applicants are evaluated in a comprehensive manner through an oral examination and application document to assess ability to carry out scholarship and research in this program, aptitude and motivation.

The policy and details of the entrance examination are clearly explained in the Student Application Guide and on the websites of both universities. The entrance examination and curriculum are conducted rigorously, consistent with policies.

The entrance examination includes screening of documents and a joint interview (English). The 2023 entrance examination was conducted in March, in accordance with the Admission Policy, and two candidates qualified and were accepted.

[Evaluation of 1-2. Policies]

| | | 2020 | 2021 | 2022 |
|-----|-------------------------------------|------|------|------|
| IV | Achievement greater than plan. | | | |
| III | Plan was achieved. | X | X | X |
| II | Plan was not achieved sufficiently. | | | |
| I | Plan was not achieved. | | | |

Evaluation of current situation

(MU)

- 1. All nine students who are currently enrolled (for 2020-2022) have successfully completed the first, second, and third years as per the prescribed curriculum. The course is progressing per schedule and without any problems. The first two students visited Tokyo Medical and Dental University as clinical attendants.
- 2. The two new students for 2023 are starting their course subjects under the supervision of both MU and TMDU faculty.

(TMDU)

The Diploma Policy, Curriculum Policy, and Admission Policy are published in the admission guidelines and on the JDP website. The TMDU website was revamped. Students have joined this course in agreement with these policies. Students are progressing in their courses as per the curriculum.

Proposals for improvement

(MU)

No proposal is required.

(\underline{TMDU})

No proposal is required.

1-3. Quality Assurance System

1-3-1. Self-assessment

Evaluation indicator

Self-assessment is implemented and the results are published and reflected in educational and research activities.

[Plan]

TMDU and MU will evaluate the educational and research activities of the Program, and write a self-assessment report each fiscal year.

Current situation

The Program Administrative Committee implemented the self-assessment of this program in October 2022. Both TMDU and MU wrote a self-assessment report based on the same evaluation categories and review the current situation and proposals for improvement.

The evaluation period was from April 2021 to March 2022.

Self-assessment reports were published on the websites of both universities. Based on the reports of the Program Administrative Committee, which was held in October 2022, TMDU and MU discussed a strategy for educational improvement and research activities.

1-3-2. External assessment

[Evaluation indicator]

External assessment is implemented and the results are published and reflected in the educational and research activities.

[Plan]

TMDU and MU will undergo external evaluation by the External Assessment Committee based on the self-assessment report. External evaluators will consist of outsourcing veterans and professors from other universities in Japan and Thailand, which have doctoral programs in the medical or life science field, and experience of granting doctoral degrees.

Current situation

In March of 2022, TMDU and MU undertook an external assessment. The results of the external assessment were provided as feedback to the faculty members of both universities. Based on the results and feedback, TMDU and MU considered expanding the program and improving their educational and research activities. The next external assessment will be conducted in March 2025, for the assessment of the academic year when the first students complete.

1-3-3. Feedback of assessment results

Evaluation indicator

- Opinions of university members (students and faculty members) are heard and utilized properly in concrete, sustainable improvement of educational quality.
- Opinions of external parties are utilized properly for concrete, sustainable improvement of educational quality.
- Faculty Development is properly managed, and leads to improvement of educational quality and coursework.

[Plan]

In this Program, we will ask students to complete questionnaires on the subjects. Also, supervisors will hear students opinions via the video conferencing system. The results and opinions will be fed back to faculty members, and utilized for improvement of educational quality. They will also be reflected in curricula, the method of supervision and entrance examination.

With a view to developing faculty members, teaching skills, we plan to conduct a faculty development workshop to share relevant information such as on curriculum planning and making teaching materials.

Current situation

TMDU and MU administered the questionnaire to students on the subjects they took in the first and second academic year. The results were shared and examined at a meeting convened by the Program Administrative Committee, and most students were satisfied. Furthermore, we conducted a video workshop on faculty development jointly with Chulalongkorn University and University of Chile, as they also manage Joint Degree Programs with TMDU. Specifically, we shared information on "Medicine-Dentistry-Engineering collaboration and Industry-University collaboration" and others.

1-3-4. Information publication

[Evaluation indicator]

Information such as that on educational activities (including the items defined by paragraph 2, Article 172 of the Enforcement Regulations of the School Education Law, MEXT) are publicized.

[Plan]

There is a public relations section at TMDU, which plans publicity, and issues an overview of TMDU and a PR brochure. They will provide information on the industry-academia-government collaborations, educational and research activities and social contribution activities of TMDU. MU will also be proactive in providing information.

Current situation

Mutual cooperation between TMDU and MU has enabled to make information available on educational and research activities on the websites of both universities in English, Japanese, and Thai language. In fact, TMDU has revamped its website completely (Reference 1 and 2).

https://www.tmd.ac.jp/cmn/jdp/

https://graduate.mahidol.ac.th/inter/current-

students/?p=curriculum&id=2046D02G

https://graduate.mahidol.ac.th/Admission/announce/announce.php?id=20 46DGoo&y=2565

Information publishing at MU: The JDP Program continues to be adequately described on the web page of International Affairs in Siriraj Hospital(Reference 3):

https://www2.si.mahidol.ac.th/en/surgery/joint-degree-program/

The JDP team manages the JDP website, which provides information on the various educational and research activities, as listed below in Table 3.

Moreover, newsletters have been regularly published to create public awareness on the current status of the JD program's operations (Reference 4).

Reference 1: TMDU Website (English and Japanese)

Reference 2: MU website (English and Thai)

Reference 3: Web page of International Affairs in Siriraj Hospital

(Table 3)

<Information on educational and research activities provided on JDP website>

- University's educational objectives
- Basic organization for education and research
- Faculty member information
- Number of admissions, admission quota, number of students enrolled
- Subjects, details, teaching methods, curriculum
- Facilities, research environment
- Tuition fees, admission fees

Reference 4: Newsletter

[Evaluation of 1-3. Quality assurance system]

| | | 2020 | 2021 | 2022 |
|-----|-------------------------------------|------|------|------|
| IV | Achievement greater than plan. | | | |
| III | Plan was achieved. | X | X | X |
| II | Plan was not achieved sufficiently. | | | |
| I | Plan was not achieved. | | | |

Evaluation of current situation

(MU)

Students enrolled in the JDP program evaluated each course subject through a MU-designed evaluation form. We have received feedback and comments, then the information has been discussed in the program administrative committee to improve every aspect of the curriculum.

(TMDU)

This program has a quality assurance system comprising self-assessment and external assessment. We conducted the on-demand faculty development program together with other JDP programs supervised by TMDU. We used a questionnaire to sample students opinions about improving the program, and MU and TMDU shared the results. In addition, inputs from student interviews were used to fully accommodate students' wishes regarding their studies. These wishes were also shared with the committee members at the meeting.

Proposals for improvement

(MU)

Mahidol University (MU) has improved and the updated current status and news on the faculty website and webpage of the Department of Surgery. The updates include student activities, pictures, and videos along with other important announcements. Moreover, MU plans to distribute the JDP brochure at a national surgery conference.

(TMDU)

Both MU and TMDU used a self-assessment questionnaire to improve the quality of the assessment. We discussed the results of the questionnaires in the committee meeting to improve this program. The committee is making all efforts to ensure that students in this program can choose subjects of their preference, such as by asking the course directors to offer students more choices in the courses.

2. Operation of the JD Program

2-1. Progress of the JD Program operation

| [Evaluation indicator] |
|---|
| Program operation is properly conducted as planned. |
| |
| |

[Plan]

TMDU and MU will jointly conduct entrance examinations. After successful applicants have matriculated for the program, both universities will give the students appropriate guidance, confirm the completion of course registration and assign supervisors and research supervisors to students. At the end of each academic year, credits will be recognized for subjects after receiving approval from the Program Administrative Committee. In the 1st semester of the 2nd academic year, students will take the Dissertation Proposal Defense, and their supervisors will advise them on their research projects.

[Current situation]

Entrance examinations were conducted jointly, and three students were enrolled for the program in 2022. Faculty members of both TMDU and MU provided guidance, explaining the procedures for course registration by conducting a question and answer (Q&A) session.

Supervisors and research supervisors from TMDU and MU were assigned to students; they advised and supervised students regarding their subjects and research plans via e-mail and video conferencing systems. The students took subjects at TMDU and MU during their first and second year and completed the required subjects.

The third-year students started their research activities and clinical activities at TMDU in October 2022. Although the period of their stay at TMDU was behind schedule due to the COVID-19 crisis, they are expected to complete their study at TMDU in 2023. TMDU staff supported students by helping them with resident registration, opening bank accounts, and signing up for health insurance.

[Evaluation of 2-1. Progress of the JD Program operation]

| | | 2020 | 2021 | 2022 |
|-----|-------------------------------------|------|------|------|
| IV | Achievement greater than plan. | | | |
| III | Plan was achieved. | X | X | X |
| II | Plan was not achieved sufficiently. | | | |
| I | Plan was not achieved. | | | |

Evaluation of current situation

(MU)

- 1. Candidates who applied for the Joint Degree Program in the 1st semester of 2nd year were interviewed by interviewers (MU-TMDU committees) and provided evaluation scores.
- 2. For JDP students who enrolled in 2021 and 2022, the Qualifying Examination and Dissertation proposal examination were conducted after students pass all coursework.

(TMDU)

The JDP committees of both MU and TMDU have been operating the program satisfactorily, including the entrance examinations, the guidance of course structure, and the supervision of their research plans. The situation of students' acceptance from MU to TMDU has also been favorable.

Proposals for improvement

(MU)

No proposal is required.

(TMDU)

No specific proposals need to be implemented.

2-2. Fulfillment of student capacity

[Evaluation indicator]

- Admission policy, Curriculum policy and Diploma policy are properly publicized and disseminated.
- Number of admissions versus admissions quota is appropriate.

[Plan]

- Information such as on awarded degree, requirements for completion, curriculum, academic calendar, fees, hours per credit, scholarships and student welfare and student support will be given in the admission guide and on websites.
- The admission quota for this program is three, and it is expected that 1~2 Japanese and Thai candidates will apply.

[Current situation]

Both universities publish relevant information, such as communications related to Diploma Policy, Curriculum Policy and Admission Policy on their websites. All the necessary information given below is available in the application guide and on the websites of both universities (Reference 1).

- Awarded diploma
- Completion requirements
- Educational content and teaching methods
- Academic calendar
- Tuition fees
- Student support (scholarships)
- 2 Thai candidates have applied, and the number of admissions versus admissions quota is appropriate (Table 4).

(Table 4)

| | 2020 | 2021 | 2022 | 2023 |
|--------------------------------|------|------|------|------|
| Admissions quota | 3 | 3 | 3 | 2 |
| Number of applicants | 3 | 5 | 3 | 2 |
| Number of successful applicant | 3 | 3 | 3 | 2 |
| Number of enrollments | 3 | 3 | 3 | 2 |

[Evaluation of 2-2. Fulfillment of student enrollment capacity]

| | | 2020 | 2021 | 2022 |
|-----|-------------------------------------|------|------|------|
| IV | Achievement greater than plan. | | | |
| III | Plan was achieved. | X | X | X |
| II | Plan was not achieved sufficiently. | | | |
| I | Plan was not achieved. | | | |

Evaluation of current situation

(MU)

- 1. Currently, first generation students are pursuing their 3rd year program.
- 2. The third-generation students (2022) come not only from the surgery department, but also the ENT department. All of them aim to conduct research on cancer.
- 3. The course curriculum is in the field of research and surgery. Students can register in all the subjects they are interested in, whether MU or TMDU, if these subjects conform to the curriculum structure.

(TMDU)

Although the number of students enrolled is a bit lower than usual, the recruitment activities of both universities are mostly successful.

Proposals for improvement

(MU)

Expansion of the field of study may be required in the future.

(TMDU)

No specific proposals need to be implemented.

2-3. Syllabuses

[Evaluation indicator]
Appropriate syllabuses are prepared and operated.

[Plan]

Syllabuses, which include important information such as assessment standards, will be publicized on websites. They will be written in English.

[Current situation]

The syllabus of TMDU is written in English and that of MU is written in Thai or English. The syllabus includes the Curriculum Policy, and it is available on the respective websites.

[Evaluation of 2-3. Syllabuses]

| | | 2020 | 2021 | 2022 |
|-----|-------------------------------------|------|------|------|
| IV | Achievement greater than plan. | | | |
| III | Plan was achieved. | X | X | X |
| II | Plan was not achieved sufficiently. | | | |
| I | Plan was not achieved. | | | |

Evaluation of current situation

(MU)

- 1. The syllabus of each subject in the JD Program has been revised and updated for the new semesters.
- 2. The syllabus will be posted on the Graduate School website, the Faculty of Medicine Siriraj Hospital website, and the Department of Surgery website.

(TMDU)

The syllabus includes important points regarding the course structure, such as assessment standards, appropriateness, and ease of comprehension. Written in English and uploaded on the website, the syllabus is easily accessible by JDP students or applicants.

Proposals for improvement

(MU)

New platforms for online courses are now under development at MU because the COVID-19 situation may not resolve in the short term (near future). Information technology will be applied to enhance the study environment at MU. (**TMDU**)

No specific proposals are required to be implemented.

2-4. Evaluation method and criteria

(Grading, Recognizing credits and Completion of course)

[Evaluation indicator]

Evaluation methods and criteria (grading, recognition of credits, and completion of course) for each subject are established, applied properly in a fair manner, and disclosed to students.

[Plan]

- Credit recognition will be examined and approved upon deliberation by both universities, faculty members in the Program Administrative Committee.

The performance of each student in courses at TMDU will be graded on a 6-point scale, as follows, to enable each student's level of achievement to be visualized.

A+=4.0, A=3.5, B=3.0, C=2.0, which means pass,

D=1.0, F=0, which means fail.

This is based on paragraph 19 of the TMDU Graduate School Regulations.

The performance of each student in courses at MU will be graded on a 8-point scale, as follows, to enable each student's level of achievement to be visualized.

A=4.0, B+=3.5, B=3.0, C+=2.5, C=2.0, which means pass,

D+=1.5, D=1.0, F=0, which means fail.

- Both universities will record students, performances after converting their grades using the conversion table.
- Standards for the grades of each university will be written in syllabuses, and also posted on the universities, websites.

[Current situation]

The university assigns grades for each subject, and the grades are approved by the Program Administrative Committee, which is jointly operated by TMDU and MU. For academic records at TMDU and MU, a grade conversion table (Table 5) has been designed to convert respective evaluations for subjects.

(Table 5)

| TMDU | | MU | | |
|------|---------------|-------|----------------|--|
| GP | Grade | Score | Grade | |
| 4.0 | A+(Superior) | 4.0 | A(Excellent) | |
| 4.0 | | 3.5 | B+(Very Good) | |
| 3.5 | A (Excellent) | 3.0 | B(Good) | |
| 3.0 | B (Good) | 2.5 | C+(Fairy Good) | |
| 2.0 | C (Fair) | 2.0 | C(Fair) | |
| 1.0 | D (Failing) | 1.5 | D+(Poor) | |
| | | 1.0 | D(Very Poor) | |
| 0.0 | F (Failing) | 0 | F(Failing) | |

[Evaluation of 2-4. Evaluation method and criteria (Grading, Recognizing credits and Completion of the course)]

| | | 2020 | 2021 | 2022 |
|-----|-------------------------------------|------|------|------|
| IV | Achievement greater than plan. | | | |
| III | Plan was achieved. | X | X | X |
| II | Plan was not achieved sufficiently. | | | |
| I | Plan was not achieved. | | | |

Evaluation of current situation

(MU)

- 1. Each subject will be evaluated based on student punctuality and in class activities during every class.
- 2. The examination system (multiple-choice questions (MCQs) and oral examination) will be used in conjunction with the standard scoring system.

(TMDU)

Evaluation methods have been developed and agreed upon in accordance with the requirements of both universities.

Proposals for improvement

(MU)

The present grading system follows the Graduate School grading system. No need to propose improvement.

(TMDU)

No specific proposals need to be implemented.

3. Student Support

3-1. Student support system

3-1-1. Accommodation

[Evaluation indicator]
Appropriate housing support for students is ensured.

[Plan]

TMDU and MU will provide dormitories for the accommodation of students.

Current situation

TMDU offers rooms in the TMDU Ichikawa Dormitory to students while they conduct research or clinical activities in Japan. The administrative staff of both TMDU and MU provide the necessary support for students to begin their new lives in Japan. The support includes helping students with the procedures in the city hall, opening a bank account, taking out insurance, and providing them necessary information regarding transportation, mobile phones, and so on.

3-1-2. Research environment

[Evaluation indicator]

Educational environment that will provide education according to instruction goals is in place.

[Plan]

- One or two research supervisors from TMDU and MU will be assigned for each student before starting courses so that the student can receive research guidance from both universities.
- Both universities will make their facilities available such as those at the Yushima campus of TMDU and campus of MU's Faculty of Medicine Siriraj Hospital. Thus, the necessary environment for graduate education and research for JDP will be put in place so that a multifaceted approach to student education and research is possible

[Current situation]

Students research works have progressed efficiently as each student was assigned two research supervisors from both universities. The students contact TMDU supervisors to report and confirm their research plans and TMDU supervisors comment on the progress made in their work via e-mails or online communication systems.

3-1-3. Financial support

[Evaluation indicator]
Ensure adequate financial support for students.

[Plan]

MU will provide scholarships to two or more students who register at MU each year, on the condition that after completing the program they join as faculty members in the Department of Medicine at Siriraj Hospital.

[Current situation]

Before students, who matriculated at MU, start their clinical and research activities, TMDU applied for JASSO scholarships (80,000JPY/month) for them.

Both TMDU and MU continue to look for additional financial support for students who meet the requirements for receiving private scholarships and university funds.

[Evaluation of 3-1. Student support system]

| | | 2020 | 2021 | 2022 |
|-----|-------------------------------------|------|------|------|
| IV | Achievement greater than plan. | | | |
| III | Plan was achieved. | X | X | X |
| II | Plan was not achieved sufficiently. | | | |
| I | Plan was not achieved. | | | |

> Evaluation of current situation

(MU)

All JDP students were awarded scholarships for four-year studies. This scholarship will cover both tuition and travel expenses to Japan for the duration of their stay in Japan.

(TMDU)

During their stay, students' accommodation needs are met. They can live on-campus in either Surugadai or Konodai. They can apply for the Japan Student Services Organization (JASSO) scholarship. Students can use the TMDU office during their stay in Japan. Additionally, for the successful completion of their research, support for research expenses during the students' stay in Japan is allocated to the respective laboratories to which the students belong.

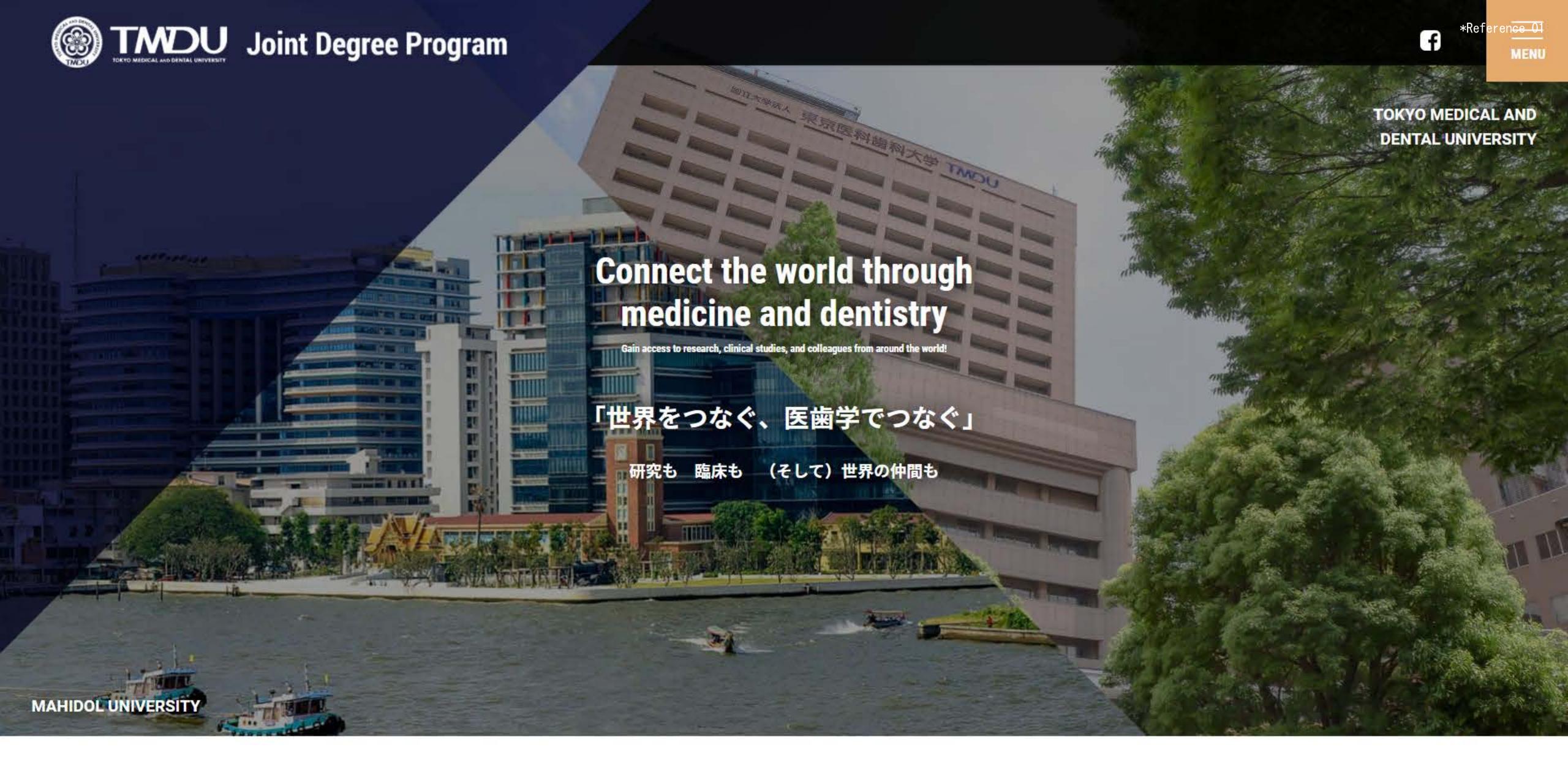
Proposals for improvement

(MU)

In the future, scholarships from other sources, such as scholarships from the Japanese government and other public or private organizations, may be required.

(TMDU)

We will continue to provide more support to students in response to their comments.



News



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Why JDP?

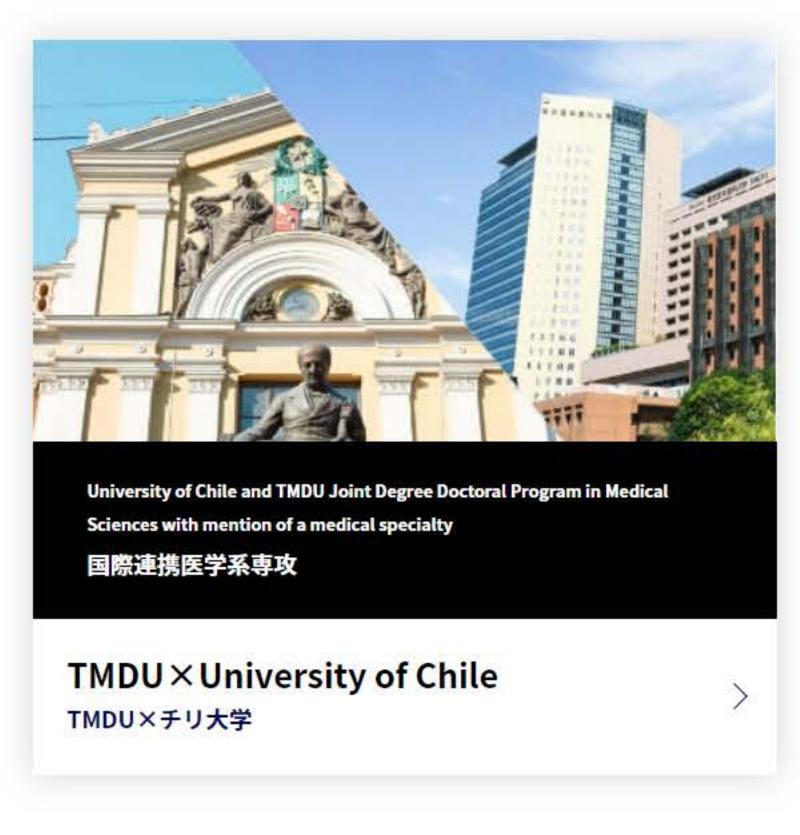
A single academic degree jointly conferred on students who have completed a single joint educational program established by universities that jointly set up the said program.

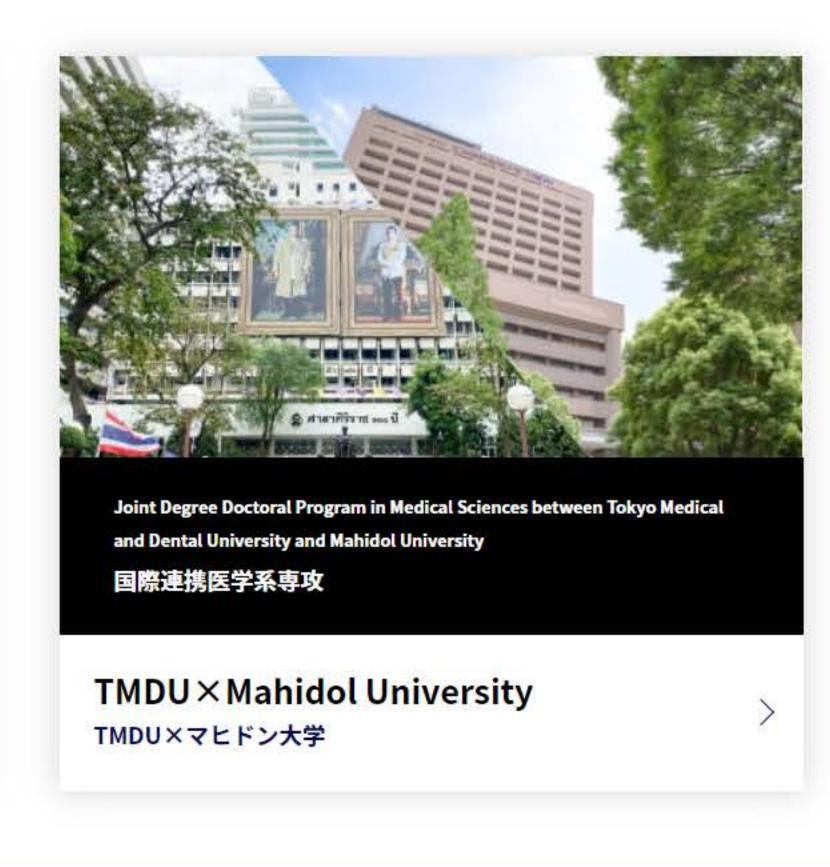
ジョイント・ディグリー(JD)とは、連携する大学間で開設された単一の共同の教育プログラムを学生が修了した際に、当該連携する複数の大学が共同で単一の学位を授与するものです。

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Joint Degree Programs in TMDU







Director's Message



Director, Institute of Global Affairs 東京医科歯科大学 統合国際機構長

Tomohiro Morio 森尾 友宏



Division Head,
JDP Advancement Division
JDP推進部門長
Acting Director, Institute of Global Affairs
統合国際副機構長
Keiichi Akita

Keiichi Akit 秋田 恵一

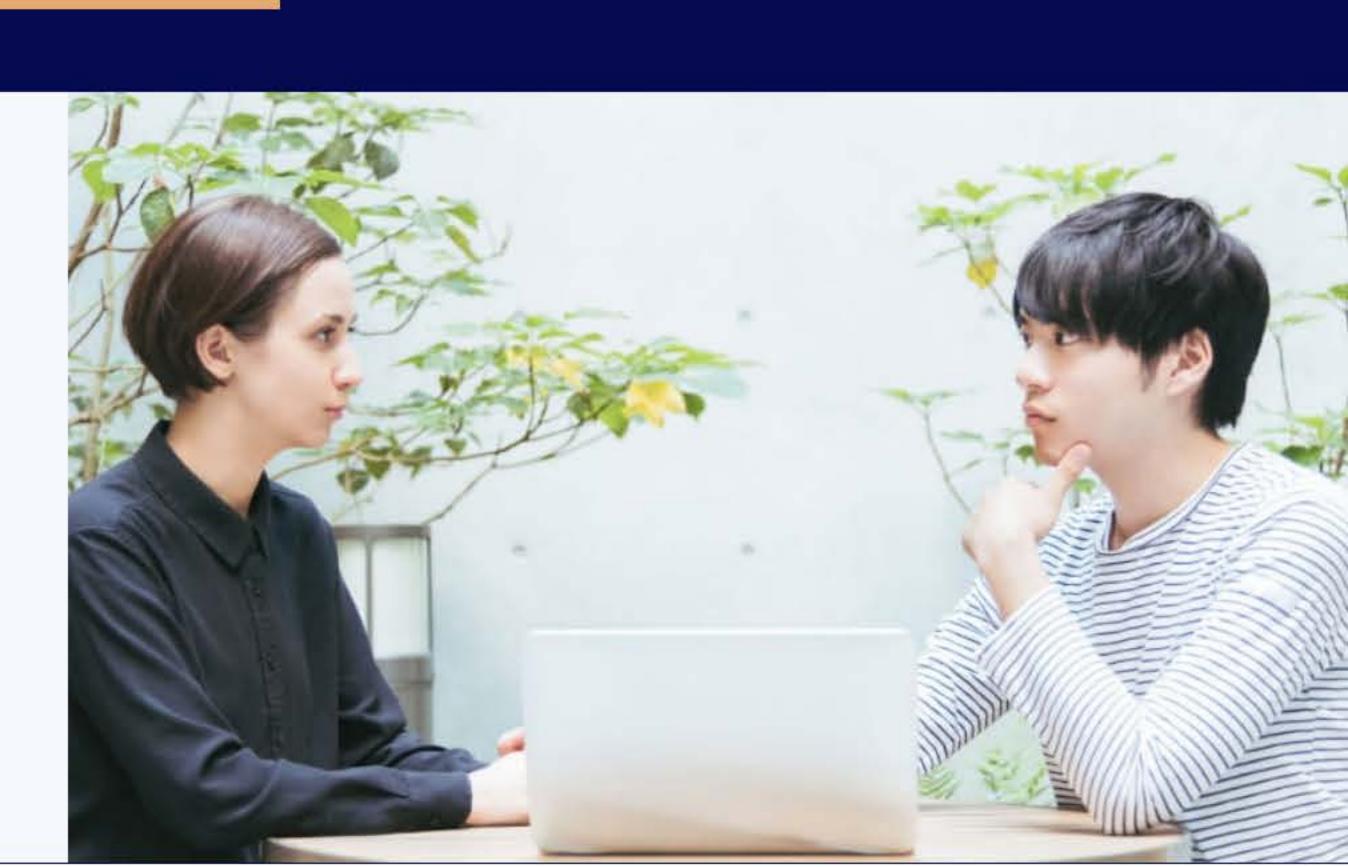
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Voices

Messages from students, OB/OG, faculty member

学生やOB/OG、教員のメッセージを、動画やインタビュー記事で紹介します。

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* > Current Student > Curriculum > DOCTOR OF PHILOSOPHY PROGRAM IN MEDICAL SCIENCES (INTERNATIONAL PROGRAM)

Current Student

Student Service System

| Curriculum |
|-----------------------------------|
| Courses |
| Introduction to graduate programs |
| Program Director |

Curriculum

DOCTOR OF PHILOSOPHY PROGRAM IN MEDICAL SCIENCES (INTERNATIONAL PROGRAM)

| Level | Doctoral |
|---------------------|--------------------------------------|
| Faculty / Institute | FACULTY OF MEDICINE SIRIRAJ HOSPITAL |
| Website | https://www.si.mahidoLac.th/th/ |

Degree Designation

DOCTOR OF PHILOSOPHY(MEDICAL SCIENCES)

Additional advantages of the programme

The structure of this program has 5 components. Each applicant requires 24 credits from the following components. (1) Clinical core Subjects 7 Credits (II) Clinical Statistics and Biomedical Informatics 4 Credits (III) Cancer Professional Training Subjects 5 Credits (IV) Research core subjects 8 Credits and another 48 credits from the following component (V) Experiments and $The sis Writing \ 48 \ Credits \ ^* This program \ is \ a \ joint program \ collaborating \ between \ Mahidol \ University \ and \ Tokyo \ Medical \ and \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ and \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ and \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ and \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ and \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ and \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ and \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ and \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ and \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ And \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ And \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ And \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ And \ Dental \ University, \ Japan \ and \ Tokyo \ Medical \ And \ Dental \ And \ A$

Admission Requirements

f Send Us a Message

1. Graduated Doctor of Medicine (M.D.) or bachelor of Medicine and Bachelor of Surgery (MBBS) and Certified by Office of the Higher Education Commission.

- 2. Cumulative grade point average at least 3.50
- 3. English test score according to the requirement for English proficiency established by the Faculty of Graduate Studies of Mahidol University.
- 4. Other exceptions may be considered by the Program Administrative Committee and the Dean of the Faculty of Graduate Studies

Curriculum Structure

| Plan 2.2 For students with Bachelor's Degree | | | |
|--|----|---------|--|
| Required Courses | 7 | Credits | |
| Elective Courses not less than | 17 | Credits | |
| Dissertation | 48 | Credits | |
| Total not less than | 72 | Credits | |

Job Option after Graduation

SISR620: RESEARCH METHODOLOGY IN BIOMEDICINE

- Specialist doctor in medical science
- Medical Sciences Researcher

Course Requirements

> Plan 2

| Required Courses | Credit |
|---|--------|
| For students with Bachelor's degree | |
| COMPONENT I CLINICAL CORE SUBJECTS | |
| 4801: CLINICAL CORE SUBJECT I | 2 |
| 4803 : CLINICAL CORE SUBJECT II | 5 |
| SIMS601: CLINICAL CORE SUBJECT I | 2 |
| Elective Courses | Credit |
| COMPONENT II CLINICAL STATISTICS AND BIOMEDICAL INFORMATICS | |
| 4810 : OVERVIEW OF PUBLIC HEALTH MEDICINE IN DISEASE PREVENTION | 2 |
| 4811: EPIDEMIOLOGY | 2 |
| 4812 : CLINICAL BIOSTATISTICS AND STATISTICAL GENETICS | 2 |

| SISR621: BIOSTATISTICS IN BIOMEDICINE | *Reference |
|---|------------|
| COMPONENT III CANCER PROFESSIONAL TRAINING SUBJECTS | |
| 04823: | 0 |
| 4820 : OVERVIEW OF CANCER: CANCER BIOLOGY, PATHOLOGY AND ANATOMY | 1 |
| 4821: MINIMAL INVASIVE TREATMENT FOR CANCER I | 1 |
| 4822 : MINIMAL INVASIVE TREATMENT FOR CANCER II | 1 |
| 4823: ORGAN-SPECIALIZED CANCER | 1 |
| 4824 : PEDIATRIC AND RARE CANCERS | 1 |
| 4825 : ADVANCED CLINICAL ONCOLOGY | 1 |
| 4826 : CANCER GENOMICS AND PRECISION MEDICINE | 1 |
| 4827 : PALLIATIVE MEDICINE: OUTLINE | 1 |
| SISR601: APPLIED CANCER BIOLOGY AND IMMUNOLOGY | 1 |
| SISR602:STEM CELL FOR SURGICAL PATIENTS | 1 |
| SISR603 : BASIC SURGICAL ENDOSCOPY | 1 |
| SISR607 : ADVANCED INTER DISCIPLINARY ENDOSCOPY FOR GASTROINTESTINAL TRACT CANCER | 1 |
| SISR608 : PERIOPERATIVE CARE SURGICAL PATIENT | 1 |
| SISR609 : ROBOTIC SURGERY IN UROLOGY | 1 |
| SISRG16: CANCER IMAGING | 1 |
| SISR619 : BASIC LABORATORY RELEVANCE TO SURGERY | 1 |
| COMPONENT IV RESEARCH CORE SUBJECTS (SURGERY) | |
| 4840 : SPECIALIZED SURGERIES | 4 |
| 4841 : GASTROINTESTINAL SURGERY | 4 |
| 4842 : HEPATOBILIARY PANCREATIC SURGERY | 4 |
| 4843 : HEAD AND NECK SURGERY | 4 |
| 4844: UROLOGY | 4 |
| SISR610 : SURGERY FOR UPPER GI CANCER | 4 |
| SISR611: SURGERY FOR LOWER GI CANCER | 4 |
| SISR612 : HEPATOBILIARY PANCREATIC SURGERY | 4 |
| SISR613 : VASCULAR SURGERY | 4 |
| SISR614: UROLOGY | 4 |
| SISRG15 : MULTIDISCIPLINARY APPROACH TO DISEASE OF HEAD NECK AND BREAST | 4 |
| COMPONENT IV RESEARCH CORE SUBJECTS (BIOMEDICAL SCIENCES RELATED TO SURGERY) | • |
| 4861: STEM CELL REGULATION | 4 |
| 4862 : CLINICAL ANATOMY | 4 |
| | 4 |
| 4863 : DEVELOPMENTAL AND REGENERATIVE BIOLOGY | 4 |
| 4864 : BIOMECHANICS | 4 |
| 4865 : CLINICAL ONCOLOGY | 4 |
| SISR617 : PRINCIPLES IN SYSTEMS PHARMACOLOGY | 4 |
| SISR618: STEM CELL SCIENCE | 4 |
| lissertation | Credit |
| COMPONENT V EXPERIMENTS AND THESIS WRITING | |
| 4870 : EXPERIMENTS AND THESIS WRITING AT TMDU | 24 |
| SISR799: EXPERIMENTS AND THESIS WRITING AT MU | 24 |
| | |

Program Lecturer

*Reference 02

3. Professor Dr. HIROYUKI UETAKE

- 4. Professor Dr. KEIICHI AKITA
- 5. Professor Dr. MINORU TANABE
- 6. Professor Dr. SATOSHI MIYAKE
- 7. Professor Dr. SHINJI TANAKA
- 8. Professor Dr. TAKEO FUJJIWARA
- 9. Professor Dr. TETSUYA TAGA
- 10. Professor Dr. YUSUKE KINUGASA
- 11. Professor PORNPROM MUANGMAN
- 12. Professor THAWATCHAI AKARAVIPUTH 13. Professor KEIKO NAKAMURA
- 14. Professor Dr. KENJI KAWASHIMA
- 15. Professor Dr. MASAHIKO MIURA
- 16. Professor Dr. VARUT LOHSIRIWAT
- 17. Associate Professor Dr. YONGYUT SIRIVATANAUKSORN
- 18. Associate Professor AUTTAPORN TRAKARNSANGA
- 19. Associate Professor PRANYA SAKIYALAK
- 20. Associate Professor PRAWEJ MAHAWITHITWONG
- 21. Associate Professor Dr. JIRAWAT SWANGSRI
- 22. Associate Professor Dr. ASADA METHASATE
- 23. Associate Professor Dr. CHERDSAK IRAMANEERAT
- 24. Associate Professor Dr. NUTTAWUT SERMSATHANASAWADI
- 25. Associate Professor Dr. SUEBWONG CHUTHAPISITH
- 26. Associate Professor CHANEAN RUANGSETAKIT
- 27. Associate Professor CHONGDEE AOJANEPONG
- 28. Associate Professor CHUMPOL WONGWANIT
- 29. Associate Professor SITTIPORN SRINUALNAD
- 30. Associate Professor SUNAI LEEWANSANGTONG
- 31. Associate Professor THAWORN SUBTAWEESIN
- 32. Associate Professor TAWATCHAI TAWEEMONKONGSAP
- 33. Associate Professor WORAMIN RIANSUWAN 34. Associate Professor WORAWONG SLISATKORN
- 35. Assistant Professor Dr. CHUTWICHAI TOVIKKAI
- 36. Lecturer Dr. PRADIT RUSHATAMUKAYANUNT
- 37. Lecturer Dr. WARAPORN IMRUETAICHAROENCHOKE

For more inqueries & assistants, please call us gradinter@mahidol.ac.th or LINE Official @160ohrzm

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> ผู้สนใจเข้าศึกษา

🕸 หลักสูตรสาขาวิชาที่เปิดรับสมัครระดับบัณฑิตศึกษา ปีการศึกษา 2565

ข้อมูลหลักสูตร

| รหัสหลักสูตร | 20460600 |
|----------------------|--|
| ชื่อหลักสูตร | ปรัชญาดุษฎีบัณฑิต สาขาวิชาวิทยาศาสตร์การแพทย์ (หลักสูตรนานาชาติ) |
| v | DOCTOR OF PHILOSOPHY PROGRAM IN MEDICAL SCIENCES (INTERNATIONAL PROGRAM) |
| วิชาเอก | _ |
| ระดับ | ปริญญาเอก |
| คณะ/สถาบัน/วิทยาลัย | คณะแพทยศาสตร์ศิริราชพยาบาล |
| Fitu:/att10u/Jfi81a8 | FACULTY OF MEDICINE SIRIRAJ HOSPITAL |
| เว็บไซต์ | https://www.si.mahidol.ac.th/th/ |

จำนวนที่คาดว่าจะรับ

3 คน

คุณสมบัติของผู้มีสิทธิ์สมัคร

- 1. Graduated Doctor of Medicine (M.D.) or bachelor of Medicine and Bachelor of Surgery (MBBS) and Certified by Office of the Higher Education Commission
- 2. Cumulative grade point average at least 3.50
 3. English test score according to the requirement for English proficiency established by the Faculty of Graduate Studies of Mahidol University.
- 4. Other exceptions may be considered by the Program Administrative Committee and the Dean of the Faculty of Graduate Studies

เทณฑ์คะแนนภาษาอังทฤษของหลักสูตร

| ประเภทคะแนนทดสอบ | 11 | กณฑ์ขั้นต่ำที่รับเข้าศึกษา | | เกณฑ์ส่าเร็จการศึกษา | | | | |
|---|----------|----------------------------|----------|----------------------|--------|----------|--|--|
| บระม แ เคะแบบ เนลขบ | คะแนนรวม | การพูด | การเขียน | คะแนนรวม | การผูด | การเขียน | | |
| IELTS | 3 | - | - | 6 | 6 | 6 | | |
| TOEFL-IBT | 32 | - | - | 79 | 19 | 23 | | |
| MU GRAD PLUS (MU GRAD TEST + SPEAKING) | 40 | - | - | 90 | 12 | 12 | | |
| MU GRAD TEST | 40 | - | - | - | - | - | | |

Condition of English Proficiency Score for Applicants of this Program

- $\begin{tabular}{ll} \hline \end{tabular} \begin{tabular}{ll} \hline \end{t$
- รายละเอียด ขั้นตอนการยื่นผลคะแนนภาษาอังทฤษ

วิธีการคัดเลือก

สอบสัมภาษณ์

ทำหนดทารสอบคัดเลือท

**โปรดพิจารณาช่วงเวลาในทารชำระเงินค่าสมัครของท่าน ให้สอดคล้องทับรอบทารสมัคร ที่ท่านประสงค์จะเข้ารับทารคัดเลือท

หลักฐานการสมัคร _{โปรดอ่าน}

- สำเนาปริญญาบัตร / หนังสือรับรองการเป็นนักศึกษา
- 🕣 สำเนา Transcript / Grade Report ฉบับภาษาอังทฤษ
- สำเนาบัตรประชาชน
- สำแบบเยียบเข้าม
- 🧿 หลักฐานแสดงการดำเนินการขอเอกสาร หรือหลักฐานแสดงการดำเนินการจัดส่ง บันทึกผลการศึกษาตลอดหลักสูตร (Transcript) ฉบับภาษาอังกฤษ และทรณีสำเร็จการศึกษาจากต่างประเทศ เพิ่มเติมเอกสารหนังสือรับรองการเทียบคุณวุฒิการศึกษาฯ
- หนังสือรับรองประสบการณ์การทำงาน (ถ้ามี)
- สำเนาใบประกอบวิชาชีพ (ถ้ามี)
- Statement of Purpose (ถ้ามี)
- ผลการสอบภาษาอังกฤษ (ถ้ามี)

วิธีทารรับสมัคร

4

*Reference 02 ดูรายละเอียดเพิ่มเติมที่นี่ ขั้นตอนการสมัครเข้าศึกษา

โครงสร้างหลักสูตร

อาชีพที่สามารถประทอบได้หลังสำเร็จการศึกษา

Specialist doctor in medical science
 Medical Sciences Researcher

รายละเอียดอื่นๆ

ทำหนดการของหลักสูตรฯ อาจมีการเปลี่ยนแปลง และจะแจ้งให้ทราบต่อไปฯ

ทุนทารศึกษาของหลักสูตร

มี

ค่าธรรมเนียมการศึกษา

ประกาศอัตราค่าธรรมเนียมการศึกษา

ประกาศ สำหรับนักศึกษาที่เข้าศึกษา ปีการศึกษา 2565

หมายเหตุ: ทั้งนี้อัตราค่าธรรมเนียมการศึกษาข้างต้นอาจมีการเปลี่ยนแปลง

ประมาณการค่าใช้จ่ายตลอดหลักสูตร

หมายเหตุ: การประมาณการเป็นการค่านวณโดยอ้างอิงตามโครงสร้างหลักสูตรๆ และประกาศอัตราค่าธรรมเนียมการศึกษาๆ ทั้งนี้ ค่าใช้จ่ายที่จัดเก็บจริง อาจมีการเปลี่ยนแปลงเป็นรายทรณี ตามการผิจารณาของคณะกรรมการบริหารหลักสูตรๆ โดยยึดเงื่อนใชการจัดเก็บตามประกาศ อัตราค่าธรรมเนียมๆ เป็นสำคัญ

| | First Ye | ar | Second Y | ear | Third Y | 'ear | Fourth Year | | |
|---|---------------------------|--------------------------|-------------------------|------------------------|------------|------------|-------------|------------|--|
| Fees | Semester-1 | Semester-2 | Semester-1 | Semester-2 | Semester-1 | Semester-2 | Semester-1 | Semester-2 | |
| แบบ 2.2 (ศึกษารายวิชา และ ทำวิทยานิพนธ์ สำหรับผู้จบปริญญาตรีแล้วเข้าศึก | าษาต่อปริญญาเอท) สำหรับนั | ทศึกษาที่เลือกไปศึกษาที่ | Tokyo Medical and Denta | University (1 ภาคการค้ | จึกษา) | | | | |
| [010] EDUCATION SERVICES FEE | 5,700 | 4,300 | 5,700 | - | 5,700 | 4,300 | 5,700 | 4,300 | |
| [020] STUDENT ACTIVITIES FEE | 250 | 250 | 250 | - | 250 | 250 | 250 | 250 | |
| [041] GRADUATE TUITION FEE | 81,000 | 81,000 | 54,000 | - | - | - | - | - | |
| [122] THESIS REGISTRATION FEE | - | - | 72,000 | - | - | - | - | - | |
| [240] GRADUATE STUDIES FEE | 750 | 750 | 750 | - | 750 | 750 | 750 | 750 | |
| [300] INTERNET FEE | 500 | 500 | 500 | - | 500 | 500 | 500 | 500 | |
| [322] RESEARCH SUPPLIES FEE/THEMATIC PAPER SUPPLIES FEE | - | - | 300,000 | - | - | - | - | - | |
| [370] PROGRAM FEE | 95,000 | - | - | 90,000 | - | - | - | - | |
| [380] QUALIFYING EXAMINATION FEE | - | - | 4,200 | - | - | - | - | - | |
| รวม | 183,200 | 86,800 | 437,400 | 90,000 | 7,200 | 5,800 | 7,200 | 5,800 | |
| แบบ 2.2 (คึกษารายวิชา และ ทำวิทยานิผนธ์ สำหรับผู้จบปริญญาตรีแล้วเข้าศึก | าษาต่อปริญญาเอท) สำหรับนั | ทศึกษาที่เลือกไปศึกษาที่ | Tokyo Medical and Denta | University (4 ภาคการเ | ศึกษา) | | | | |
| [010] EDUCATION SERVICES FEE | 5,700 | 4,300 | 5,700 | - | - | - | - | 4,300 | |
| [020] STUDENT ACTIVITIES FEE | 250 | 250 | 250 | - | - | - | - | 250 | |
| [041] GRADUATE TUITION FEE | 81,000 | 81,000 | 54,000 | - | - | - | - | - | |
| [122] THESIS REGISTRATION FEE | - | - | 72,000 | - | - | - | - | - | |
| [240] GRADUATE STUDIES FEE | 750 | 750 | 750 | - | - | - | - | 750 | |
| [300] INTERNET FEE | 500 | 500 | 500 | - | - | - | - | 500 | |
| [322] RESEARCH SUPPLIES FEE/THEMATIC PAPER SUPPLIES FEE | - | - | 300,000 | - | - | - | - | - | |
| [370] PROGRAM FEE | 95,000 | - | - | 90,000 | 90,000 | 90,000 | 90,000 | - | |
| [380] QUALIFYING EXAMINATION FEE | - | - | 4,200 | - | - | - | - | - | |
| รวม | 183,200 | 86,800 | 437,400 | 90,000 | 90,000 | 90,000 | 90,000 | 5,800 | |

ข้อมูลติดต่อ

ประธานหลักสูตร (Program Director)

Associate Professor DR. Vitoon Chinsawangwatanakul

sivcw@mahidol.ac.th

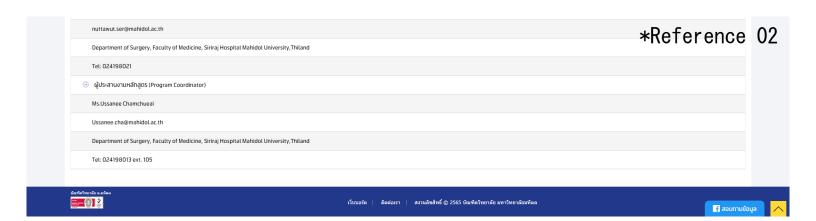
Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

Tel: 024198005

เลขานุการหลักสูตร (Program Secretary)

5

Associate Professor Dr. Nuttawut Sermsathanasawadi





Joint Degree Doctoral Program

First Ph.D. Course in Clinical Medicine in

Thailand!

Student Recruitment Guideline & Curriculum

หลักสูตรปรัชญาดุษฎีบัณฑิต สาขาวิทยาศาสตร์การแพทย์ (หลักสูตรนานาชาติ)

Doctor of Philosophy in Medical Sciences (International Program)

Joint Degree Doctoral Program in Medical Sciences between Tokyo Medical and Dental University and Mahidol University

Awarded Degree: Doctor of Philosophy in Medical Sciences

Field of study: Medical Science, Surgery

Recruitment: Both Thai and international graduated medical doctors

Terms of study: 4 years **Venue for Instruction:** Thailand and Japan

Class language: English

Completion requirements: 72 credits or more, Dissertation

Establishment: the Year 2019

Application Apply: October 1, 2020 – December 11, 2020 (Semester 1 / 2021)

Student Recruitment Guideline, please click >>Here<<

For further information, please visit >> http://graduate.mahidol.ac.th/inter/prospective-students/?p=curriculum&id=2046D01G

or contact Department of Surgery's International Relation Office, 13th Floor, Syamindra Building, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand 10700

e-mail: Ussanee.cha@mahidol.ac.th Tel: (+66) 419-8013 ext. 105

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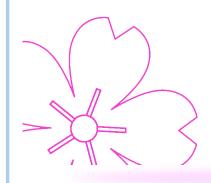
Vol. 19



チュラロンコーン大学 - 東京医科歯科大学 研究教育協力センター

CU-TMDU Research and Education Collaboration Center, Thailand September 30th, 2022

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④ マヒドンJDPタイ王国学会でのPR活動



① コロナ感染拡大後初の渡泰

夕 イ拠点のNewsletterと言いながら、コロナ禍のために相互訪問することがかなわない状況でした。その中で、チュラロンコーン大学歯学部とのJDPでは学生の受け入れが継続的に行われておりました。関係の方々のご努力に感謝申し上げます。しかし、コロナ禍も3年目に入り、ようやく少しずつ交流が可能になってきました。まず、6月から医学科4年生のプロジェクト・セメスターの学生を1人、チュラロンコーン大学に派遣いたしました。また、10月からはマヒドン大学シリラート病院からJDPの第1期となる学生が3人来日し、本学外科での研修を受けることになっています。

このような交流が進む中で、やはりメールのやり取りや、オンラインでの会議だけでは十分に伝わらないことがあったり、レスポンスに時差が生じたりということがおこるものです。そこで8月9~11日には、秋田がチュラロンコーン大学医学部・歯学部、マヒドン大学シリラート病院・ラマチボディ病院、プリンセスチュラボーンロイヤルアカデミー医科大学を訪問し、今後のJDPならびに学生交流について意見交換をすることができました。

国際交流はオンラインテクノロジーの進化で非常に簡便で身近にはなりましたが、やはり直接 会って話をすることのメリットは、計り知れないものがあります。今後、かつてのような交流に 戻し、さらに発展させるべく努めていきたいと思います。 ■

※タイ拠点運営管理者 臨床解剖学分野 秋田 恵一教授



チュラロンコーン大学にて



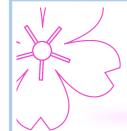
マヒドン大学シリラート病院にて



プリンセスチュラボーン大学にて



マヒドン大学ラマチボディ病院にて



②マヒドン大学シリラート病院 医学部ご一行が田中学長を表敬訪問

 2_{022 年9月2日(金)にPrasit医学部長をはじめとするマヒドン大学シリラート病院のご一行総勢9名が本学を来訪されました。

本学訪問の午前中には、マヒドン大学JDP担当教員3名が来学し、本学のJDP担当教員と共にマヒドンJDPにかかる打ち合わせを行いました。また、当JDPのカリキュラムにおいて、臨床実習、研究活動の受入担当教員とも対面し、受入学生に関する情報共有を行いました。

午後には、Prasit現医学部長、Apichat次期医学部長をはじめとする総勢9名が田中学長を表敬訪問しました。田中学長からは、自身が理事時代にマヒドン大学との協定締結に関連してタイを訪問した際の思い出が語られたほか、本学理事、医学部長等も交えて、両大学の交流が育んできた人的関係について語り合われ、両大学間のさらなる連携の拡大に向けた積極的な意見交換が行われました。■

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両大学JDP担当教員による打合せの様子



開会の挨拶をする田中学長



前列左から

Thawatchai教授、

Apichat教授(次期医学部長)、 Prasit教授(現医学部長)、 田中学長、大川理事、若林理事

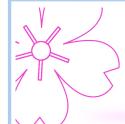
後列左から

Vitoon准教授、Kulkanya教授、

Sith教授、Asada准教授、

東田教授、Prapat准教授、

秋田教授、国際担当事務他



③ チュラJDP学位記授与式

チュラJDPでは、2021年7月に初となる第一期修了生を2名輩出しています。コロナ禍のため延期されていましたが、2022年5月遂に学位記授与式がチュラロンコーン大学にて開催されました。本学の教員が足を運ぶことはできませんでしたが、賑やかな雰囲気の中で行われたようです。

また、2022年7月には新たに第二期生が本専攻を修了しており、11月に学位記授与式が開催される予定です。それまでにはコロナ第7波もおさまり、本学教員も参加できるよう願うばかりです。■

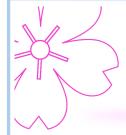
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第一期修了生



第一期修了生とチュラJDP関連教員



④ マヒドンJDPタイ王国学会でのPR活動

2022年7月13日~16日、タイ王国チョンブリ県パタヤにてタイ王立外科学会 (RCST) 主催による学会、「第47回Annual Scientific Congress」が開催されました。

外科医をはじめ学会関係者で満席の会場では、「東京医科歯科大学・マヒドン大学国際連携医学系専攻」専用のPRブースが設置され、マヒドン大学の教授、当プログラムのコーディネーターともに、参加者へのPRを精力的に行いました。■

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参加者へPR活動を行う教員とコーディネーター

【発行日】 2022年(令和4年) 9月30日

【制作】国立大学法人 東京医科歯科大学

統合国際機構国際交流課総務係 (E-mail: kokusai.adm@tmd.ac.jp)

 $\frac{\text{https://www.tmd.ac.jp/international/globalization/}}{\text{tmdu_international_collaboration_centers/thai/}}$

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Newsletter

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チュラロンコーン大学 - 東京医科歯科大学

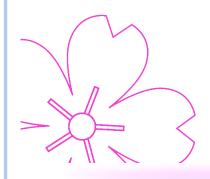


研究教育協力センター

CU-TMDU Research and Education Collaboration Center, Thailand April 28th, 2023

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①チュラロンコーン大学。マヒドン大学

訪問報告

来「型コロナウィルス感染症の感染状況も落ち着きを見せ始めた2023年1月、チュラロンコーン大学での業務のため、バンコク出張をしました。久しぶりに降り立ったスワンナプーム国際空港は人影も薄いものでしたが、旧正月の時期のためか中国系の観光客を多く見かけました。ARL・BTSでサイアムスクエアに到着すると、旧正月を祝うイベントをマスク着用で楽しむ人々で賑わい、新型コロナウィルス感染症と日常生活の折り合いをうまくつけながら過ごしている様子でした。そして、ポストコロナの生活を創り上げる活気に満ちた街の雰囲気は、久しぶりの海外出張への不安を払拭してくれるものでした。2010年開所のチュラロンコーン大学―東京医科歯科大学研究協力センターは1ヶ月の長期出張時にも利用した施設でありますが、コロナ禍でも頻繁に活用されており、両校にとどまらず、タイ・日本の研究協力の発展に大きな役割を果たしているものと思います。センター管理に携わるAssoc. Prof. Atiphan Pimkhaokhamと大学敷地内を歩いていると、20数年前、チュラロンコーン大学歯学部と本学歯学部の学生交流を始める際に大変お世話になったAssoc. Prof. Somsri Rojanawatsirivejが偶然に声をかけてくださり、教員としての今の生活をご報告することもできました。オンライン交流も新しいツールではありますが、偶然に価値を見出せる人と人の直接の交流あってこその国際交流の温かさ、その必要性を感じた瞬間でもありました。■

*歯学教育システム評価学分野 分野長 鶴田 潤 准教授



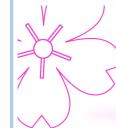
病院1号棟の前で、左から: Atiphan准教授、 Somsinee助教、Somsri准教授、鶴田准教授



Chinese New Yearの 夜のキャンパス・新歯学 部病院の風景



CU-TMDU research and education collaboration centerでの Atiphan Pimkhaokham准教授



② チュラJDP M2017生 学位記授与& M2020生 論文企画試験

作年度に引き続き、第二期生のタイ人学生3名が、2022年7月にチュラJDPを修了しました。コロナ禍においても、Zoom等を用いて論文指導を行い、二期生全員が無事修了する運びとなりました。タイでもコロナは落ち着いてきているようで、2022年11月には二期生の学位記授与式も盛大に執り行われたようです。

2022年11月には、第五期生の論文企画試験も行われ、3名全員が合格しました。今後もチュラ JDPを通じて、国際的にリーダーシップを発揮できる高度専門医療人の育成に励みます。 ■

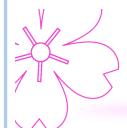
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修了生3名



チュラJDP学生及び関連教員

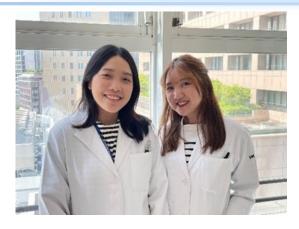


③チュラJDP M2021生 学生の来日

第六期生となる2021年度入学生2名が、2022年12月1日に渡日し、本学の顎顔面矯正学分野及び咬合機能矯正学分野での研究を開始しました。コロナの影響もまだあり、通常よりも半年ほど遅れての渡日となりましたが、これから約1年間、研究データの収集・解析を行い、論文作成に取り組みます。研究だけでなく、本学の留学生や日本人学生との交流をとおして、日本語や日本の文化等についても吸収できる良い機会となることを期待しています。■

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*Reference 04





渡日中の2020年度入学生・2021年度入学生



●マヒドンJDP 一期生の来日

新型コロナウイルス感染拡大の影響を受け、来日が遅れていた一期生2名が、2022年 10月より来日し、本学での臨床実習、研究活動を開始しました。

各診療科、受け入れ分野の教員の協力の元、消化管外科での臨床実習では、診療科の教員が 他診療科と連携を取りながら徐々に内視鏡(消化器内科)の実習へと幅を広げつつ、論文執筆と の両立に励んでいます。幹細胞制御分野での研究活動においては、新しい研究プロジェクトの一 員として迎え入れられ、熱心に活動を続けています。

さらに、2名共に日本文化・習慣・疾患分布に高い関心を示し、日本語の学修を通じてコミュニケーションやネットワークの構築を広げるなど、JDPの利点を生かして活動する姿に、グローバルで活躍する人材として早くも期待が寄せられています。■

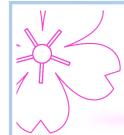
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2022年10月から本学での実習を開始した一期生

左:幹細胞制御分野で研究を行うTanakorn氏

右:消化管外科で臨床実習を行うTharathorn氏



5 マヒドンJDP 2年次論文企画審査

2022年11月14日及び24日に、マヒドン大学及び東京医科歯科大学の指導教員により構成された評価委員による審査の元、Zoomで論文企画審査が行われました。論文企画審査の目的は、博士論文の作成を行うにあたり、思考過程を表現する能力、分析力、問題解決能力を備えており、自力で研究を構築する準備が整っていることを確認することにあります。2年次の学生3名は、自身の研究課題及び研究計画のプレゼンテーションを行い、評価委員から今後の研究活動に生かすためのアドバイスを受け、研究の第一歩を踏み出しました。今後も定期的に両大学の指導教員へ研究の進捗を報告し、2年後の学位論文審査に臨みます。■

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マヒドン大学の指導教員と、論文企画審査でプレゼンテーションを行う学生



6 マヒドンJDP 1年次学生面談

2022年11月29日~30日に、マヒドンJDP 2022年4月入学3名と、学生の研究 テーマを考慮し選定された本学及びマヒドン大学の研究担当教員との間で、今後の研究計画について話し合い、指導を行うための面談が行われました。

3名は自身の研究課題及び研究計画のプレゼンテーションを行い、両大学の研究担当教員から今後の研究計画について意見交換及び具体的なアドバイスを受ける貴重な機会となりました。

今後も両大学の研究担当教員が連携しながら指導を行い、研究遂行に必要な知識・技術が修得できるように薦めていきたいと考えております。■

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本学教員とマヒドンJDP1年次3名との面談の様子

【発行日】 2023年(令和5年) 4月28日

【制作】国立大学法人 東京医科歯科大学

統合国際機構国際交流課総務係(E-mail: kokusai.adm@tmd.ac.jp)

https://www.tmd.ac.jp/international/globalization/
tmdu_international_collaboration_centers/thai/

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