

# **Student Handbook**

**Graduate School of Frontier Biosciences  
Osaka University**

This Student Handbook is a translation from the original and shall not be regarded as official documentation. The English text has been provided merely as a reference. Please note that any official rules are based solely on the Japanese text.

# CONTENTS

|   |    |
|---|----|
| Educational Program . . . . .   | 1  |
| Course duration and degrees awarded . . . . .   | 1  |
| Requirements for completion and registration procedures . . . . .   | 1  |
| Curriculum Overview . . . . .   | 2  |
| Subject groups . . . . .  | 2  |
| Research ethics . . . . .   | 3  |
| Seminar Reports for Group B subject credits . . . . .   | 3  |
| Group B Biomechanics subject guidelines . . . . .   | 6  |
| Group D project research (lab rotations) . . . . .  | 6  |
| Research Plan . . . . .   | 8  |
| FBS Faculty List . . . . .  | 9  |
| Laboratory Placement . . . . .  | 13 |
| Degree Conferral . . . . .  | 15 |
| Master's Degree conferral . . . . .   | 15 |
| Doctor's Degree conferral . . . . .   | 17 |
| Consultations prior to the Preliminary Defense . . . . .  | 19 |
| Documents to be submitted . . . . .   | 20 |
| Payment of Tuition Fees . . . . .   | 22 |
| Exemption of Enrollment/Tuition Fees . . . . .  | 23 |
| Classes . . . . .   | 24 |
| Registration procedures, etc. . . . .   | 24 |
| Class schedule . . . . .  | 25 |
| Cancellation of classes due to weather warnings, disasters, and suspension of public transportation . . . . . | 25 |
| Contacting students . . . . .   | 27 |
| Academic-related procedures . . . . .   | 27 |
| Student ID . . . . .  | 29 |
| Certificate issuance . . . . .  | 29 |
| Travel Abroad Registration System . . . . .   | 30 |
| Health and Safety Matters . . . . .   | 31 |
| Physical checkups . . . . .   | 31 |
| Accident insurance . . . . .  | 32 |
| Osaka University Graduate School Regulations . . . . .  | 35 |

## Educational Program

### ■ Course duration and degrees awarded

The Graduate School of Frontier Biosciences offers a 5-year doctoral course in which a master's degree can be earned en route to the doctor's degree.

The following degrees are awarded to students who fulfill all the requirements:

Master of Science, Doctor of Philosophy

### ■ Requirements for completion and registration procedures

#### ○ Students admitted to the 5-year doctoral course:

Students must take class subjects and acquire a total of 40 credits or more, as shown below.

- 1) Acquire a minimum of 2 credits from the core subjects in Group A, including 2 subjects and 1 credit from subjects designated as Advanced Liberal Arts Educational subjects (introductory courses from subjects offered in the spring semester), and 2 subjects and 1 credit from subjects designated as Advanced Global Literacy Educational subjects (introductory courses from subjects offered in the fall semester). However, for students who are undertaking their studies/research in English, Advanced Global Literacy Educational subjects can be read as Advanced Liberal Arts Educational subjects
- 2) Acquire a minimum of 12 credits from elective subjects in Group B.
- 3) Acquire a minimum of 16 credits combining core subjects in Group A and specialized subjects in Group B.
- 4) Acquire a minimum of 14 credits from the research subjects in Group C.
- 5) Acquire a minimum of 2 credits from project research subjects in Group D.
- 6) Acquire a minimum of 8 credits from the research subjects in Group E.

| Subject Group |                           | Year | Requirements |                     |   |            |
|---------------|---------------------------|------|--------------|---------------------|---|------------|
| Group A       | Core Subjects             | 1    | 2 credits    | Total<br>16 credits | 30 credits<br>*required for master's degree | 40 credits |
| Group B       | Elective Subjects         | 1-2  | 12 credits   |                     |   |            |
| Group C       | Research Subjects         | 1-2  | 14 credits   |                     |   |            |
| Group D       | Project Research Subjects | 3-5  | 2 credits    |                     | 10 credits                                  |            |
| Group E       | Research Subjects         | 3-5  | 8 credits    |                     |   |            |

\*Classes from other Osaka University graduate schools may be approved as Group A or Group B subjects.

However, you need to acquire at least 2 credits from Group A and 10 credits from Group B at FBS. Please contact the FBS Educational Affairs section < seimei-daigakuin@office.osaka-u.ac.jp> for details.

#### ○ Third-year admission:

Students admitted into the third year (beginning of the doctor study) of the course will receive necessary research guidance. In addition, they must choose subjects from the list of subjects and earn credits in the manner below:

| Subject Group |                           | Year | Requirements |            |
|---------------|---------------------------|------|--------------|------------|
| Group D       | Project Research Subjects | 3-5  | 2 credits    | 10 credits |
| Group E       | Research Subjects         | 3-5  | 8 credits    |            |

Subject lists: <https://www.fbs.osaka-u.ac.jp/en/student/curriculum/>

Syllabus: [https://koan.osaka-u.ac.jp/syllabus\\_ex/campus](https://koan.osaka-u.ac.jp/syllabus_ex/campus)

# Curriculum Overview

## ■Subject groups

### (Years 1 and 2)

#### ○For Group A core subjects:

Group A core subjects include lectures, practical experiments, and introductory research, most of which are taught in Japanese in the spring semester as Advanced Liberal Educational subjects. In fall, most lectures are conducted in English. To acquire a broad bioscience background, students are expected to select subjects in a discipline different from the one they previously studied as an undergraduate. The semester in which these lectures are held changes every school year, with the lecture of the same name being held in a different semester the following year. To complete, you must take two courses for one credit each in the Advanced Liberal Educational subjects and Advanced Global Literacy Educational subjects provided by the Graduate School of Frontier Biosciences.

Note) You must obtain credits in the Advanced Liberal Educational subjects and Advanced Global Literacy Educational subjects provided by the Graduate School of Frontier Biosciences, regardless of whether or not you have taken the Advanced Liberal Educational subjects and Advanced Global Literacy Educational subjects held by other programs.

#### ○For Group B subjects

1. Elective subjects: The requirements for receiving credit include participation in journal clubs, research progress report sessions, and seminars, etc. held in the student's home lab, as well as the submission of seminar reports. (8 credits) For details, please refer to "Seminar Reports for Group B subject credits" on page 3.

2. Biomechanics subjects: Discuss with the sub supervisor about your own research progress. During the second year, have a consultation with the sub supervisor about your thesis presentation before the Midterm Examination held at the end of that academic year. (2 credits) For details, please refer to Group B "Biomechanics" subject guidelines on page 5.

3. Intensive courses: Held in the fall and winter semester ("special intensive courses"). Each course lasts about two days. Note that the registration period for these subjects is in the fall/winter semester.

#### ○For Group C research subjects

Group C research subjects consist of master's level research activities conducted in the home lab and elsewhere.

### (Years 3 to 5)

\*Passing the Interim Examination (presentation of your master's thesis) is a prerequisite to begin third-year studies.

#### ○Group D project research subjects (Lab Rotations)

Lab Rotations enable students to acquire a broad background of knowledge and experience in multiple disciplines by conducting research in labs other than their home lab.

#### ○Group E research subjects

Group E research subjects consist of doctor's level research activities conducted in the home lab and elsewhere. These should be completed during the third, fourth, and/or fifth year.

#### ■Research ethics

"Research Ethics" is an e-learning subject and itself is not a regular subject for credit. However, students admitted into the first year of the course must select this subject in order to satisfy the requirements for Group C credits. Students admitted into the third year must select this subject in order to satisfy Group E credit requirements. Students must take this subject in their first and third years, respectively. Be sure to take this subject in the spring semester. Details will be given at a later date so please check your OU e-mail address (personal e-mail address assigned by Osaka University -> uxxxxxxx@ecs.osaka-u.ac.jp) for details.

#### ■Seminar Reports for Group B subject credits

Students must attend five seminars held on- or off-campus and submit a Seminar Report for each for partial credit in a Group B subject (This does not include participation in seminars held in one's home lab, etc.).

The intent behind this requirement is for students to learn about research disciplines other than their own. Accordingly, students are encouraged to be proactive in participating in a variety of seminars, which may take place on- or off-campus. Information regarding seminars will be posted on FBS' online BBS and on campus posters. In addition, there are many seminars given in English. Please consult with your supervisor or a lecturer about deciding which seminars to attend.

However, please note that although multiple seminars may be conducted in one day, only a maximum of three seminars per day may be used for Seminar Reports.

Submission Deadline: **Within 2 weeks** after the seminar. Please submit your report by the end of January for April enrollment and by the end of July for October enrollment.

Submit to: Your supervisor or a lecturer (original) and also to the FBS Educational Affairs section via CLE.

#### <How to submit reports>

(1) Attend the colloquium held by the Graduate School of Frontier Biosciences (or other seminar) after consulting with your academic advisor.

\*If you attend the seminar at the venue, you are required to have the lecturer place their seal (hanko) your

seminar report.

\*If you attended the seminar online, you are not required to get a seal (hanko).

(2) Submit the original seminar report (in Microsoft Word or handwritten) to your supervisor or the lecturer in charge of the Group B subject and keep a copy\* for yourself.

\*A photo of a handwritten report is acceptable as a “copy.”

(3) Also submit a copy of the report to FBS Educational Affairs via CLE.

Notes:

a. You will be required to submit 5 reports each year during your 1<sup>st</sup> and 2<sup>nd</sup> years.

b. Please use the form on the next page. If you wish to submit more than one page, you may use your own style for any subsequent pages after the first.

(Sample Format)

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Group B Seminar Report

No. /5

Submit this report (5 sheets) to each lecturer of the Group B subject within 2 weeks of the seminar date and by the following deadlines:

<Deadline for submission> April enrollment: end of January / October enrollment: end of July.

|          |  |                        |  |
|----------|--|------------------------|--|
| Name     |  | Student ID             |  |
| Topic    |  | Date<br>* (DD/MM/YYYY) |  |
| Lecturer |  | Venue                  |  |

Signature / seal (hanko) of lecturer: \_\_\_\_\_

Seminar summary:

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## ■Group B “Biomechanics” subject guidelines

### I. Philosophy

To have the opportunity to review different research themes and participate in discussions in a lab other than your own during the 1st and 2nd years.

### II. Format

Discuss with your sub supervisor regarding your own research progress during your first year. In the second year, consult with your sub supervisor regarding your thesis presentation before the Midterm Examination held at the end of that academic year. (2 credits)

### III. Period

Twice a year, at the beginning of the semester or at the end of the semester, following the decision of the sub supervisor (Around August for students who enter in April; around February of the following year for students who enter in October). If necessary, these subjects can be given an additional two more times individually.

### IV. Evaluation

The student must first contact a sub supervisor for an interview. Bring the “Report of Group B Subject, Introduction to Frontier Biosciences” form to a sub supervisor. ~~Sub supervisors must submit the completed form within two weeks.~~

## ■Group D project research (lab rotations)

### I. Philosophy

To promote interdisciplinary research and arm students with different bioscientific perspectives, students spend set periods conducting research in a host lab other than their own during the start of their third year.

### II. Format

Project Research will typically be of type A described below; however, type B is optional depending on the particular needs of each lab and individual student.

Type A: The student participates in research in a core / affiliated lab, and credit is approved by the host academic staff.

1. Participation in regular daily research in a different lab

2. Participation in research activities such as seminars, colloquiums, journal clubs, etc. in a different lab

\*Participation in daily research is for roughly two weeks in total.

\*Participation in research activities is generally once per week for roughly eight weeks. Preferably, the student will also be given an opportunity to give a presentation.



Type B (other): Approval of credits by the student's supervisor.

Credits may be approved by the supervisor if they agree that the student in question has participated in research in a different lab.

Acceptable examples:

1. Participation in a practical experimentation course or short-term intensive course in Japan or overseas
2. Lectures or journal clubs led by non-Japanese academic staff
  - a. Special intensive courses taught by non-Japanese academic staff

\*The student, who has already taken a special intensive course taught by a non-Japanese academic staff member, takes a different intensive course by a non-Japanese academic staff member.
  - b. Journal clubs led by non-Japanese academic staff

\*A non-Japanese academic staff member not conducting a special intensive course leads a journal club at the student's request, and the student participates in the said journal club (course).
  - c. Other
3. Research participation in a lab in Japan or overseas
4. Internship at a company

### III. Period

Preferably, Project Research is to begin early in April during the third year, though the schedule of each lab will be considered.

### IV. Student limit

Each lab may simultaneously admit a maximum of five students. However, circumstances at each host lab will be considered.

### V. Host lab selection

Host labs are to be chosen individually through consultations between the student and host lab's academic staff. The student's supervisor should also be consulted.

## ■ Research Plan

Students at the Graduate School of Frontier Biosciences shall, along with their supervisor(s), draft a Research Plan and Research Instruction Report to be submitted to FBS Educational Affairs by the end of the year (by the last end of February for April enrollment, by the last day of August for October enrollment). Details will be sent at a later date to each OU email address. For new students, please begin drafting this plan after your supervisor has been finalized. This will apply to all regular students in the Graduate School of Frontier Biosciences.

### Agreement regarding a Research Plan for the Doctorate Program of Frontier Biosciences, Osaka University

5 October 2020

Approval from the Academic Affairs Committee

14 October 2020

Approval from the Research Division Committee

Pursuant to the provision of the Graduate School Regulations, Article 5-4 Paragraph 1, the drafting of a Research Plan (hereafter referred to as the “Plan”) which clarifies the guidance method and content for postgraduate students at the Graduate School of Frontier Biosciences shall be determined as follows:

- 1 The Plan shall be drafted by a specified date every year.
- 2 The student and supervisor shall draft the Plan together according to the procedures below:
  - (i) Sufficient discussions between student and supervisor shall be conducted to create a Plan and Research Instruction Report.
  - (ii) The supervisor is to explain the Plan to the student, and both are to devise appropriate ways for both supervisor and the student to refer back to it.
- 3 The supervisor shall revise the Plan as required and endeavor to improve its effectiveness.
- 4 The Graduate School of Frontier Biosciences reserves the right to hold a hearing to ask the supervisor about the results of the Plan.
- 5 Students of the Doctorate Program shall submit the drafted Plan to FBS Educational Affairs at the end of the academic year.
- 6 Plans submitted to FBS Educational Affairs shall be kept on record for 5 years.
- 7 The Academic Affairs Committee shall reserve the right to determine any other requirements not mentioned in this Agreement if the need arises.

# List of faculty in FBS

## 1. Full-time / Specially appointed Faculties

(As of April 1, 2022)

| Research Group   | Name of faculty   | Laboratory   |
|--|---|--|
| Nanobiology<br>Laboratories                            | Prof. Akihoiko ISHIJIMA<br>Prof. Masahiro UEDA<br>Prof. Yoshichika YOSHIOKA*  | Laboratory of Nano Biophysics<br>Laboratory of Single Molecule Biology   |
| Biomolecular<br>Networks<br>Laboratories               | Prof. Seiji TAKASHIMA<br>Prof. Tatsuro FUKAGAWA<br>Prof. Makoto TACHIBANA<br>Prof. Tetsurou HIROSE<br>A. Prof. Koji OKAMOTO | Department of Medical Biochemistry<br>Laboratory of Chromosome Biology<br>Laboratory of Epigenome Dynamics<br>RNA Biofunction Laboratory<br>Laboratory of Mitochondrial Dynamics |
| Integrated<br>Biology<br>Laboratories                  | Prof. Shigeru KONDO*<br>Prof. Tamotsu YOSHIMORI*<br>Prof. Toshie KAI<br>Prof. Fumiyo IKEDA                                  | Laboratory of Pattern Formation<br>Laboratory of Intracellular Membrane Dynamics<br>Laboratory of Germline Biology Group<br>Ubiquitin biology laboratory                         |
| Organismal<br>Biosystems<br>Laboratories               | Prof. Masaru ISHII<br>Prof. Hiroshi SASAKI<br>Prof. Takashi NAGASAWA*<br><br>Prof. Noriyuki TSUMAKI                         | Laboratory of Immunology and Cell Biology<br>Laboratory for Embryogenesis<br>Laboratory of Stem Cell Biology and developmental Immunology<br>Laboratory of Tissue Biochemistry   |
| Neuroscience<br>Laboratories                           | Prof. Takeshi YAGI*<br>Prof. Shigeru KITAZAWA<br>Prof. Shinji NISHIMOTO<br>Prof. Takeo HORIE                                | kokoro-Biology Group<br>Dynamic Brain Network Laboratory<br>Perceptual and Cognitive Neuroscience Laboratory<br>Laboratory for Single-cell Neurobiology                          |
| Biophysical<br>Dynamics<br>Laboratories                | Prof. Takashi KURAHASHII*<br>Prof. Yasushi INOUE<br>Prof. Shinichi KIMURA   | Nano Physiology & Neuroscience<br>Nano Biophotonics Group<br>Photophysics Laboratory   |
| Biomedical<br>Engineering<br>Laboratories (affiliates) | Prof. Nobuyuki TAKAKURA<br>Prof. Eiji HARA<br>Prof. Atsushi NAKAGAWA*<br>Prof. Shunichi KURODAI*                            | Department of Signal Transduction<br>Department of Molecular Microbiology<br>Laboratory of Supra Molecular Crystallography<br>Department of Biomolecular Science and Reaction    |

## 2. Adjunct Faculties

| Organization  | Name of Faculty   | Laboratory  |
|---|---|---|
| Graduate School of Human Sciences                   | Prof. Yasunobu YASOSHIMA  | Behavioral Physiology   |
| Graduate School of Science                          | Prof. Kenji MATSUNO*<br>Prof. Katsumi IMADA<br>Prof. Chikashi OBUSE   | Laboratory of Cell Biology<br>Laboratory of Macromolecular Structure<br>Laboratory of Genome Structure and Function   |
| Graduate School of Medicine                         | Prof. Akihiro HARADA<br>Prof. Toshihide YAMASHITA<br>Prof. Yasuhi OKAMURA*<br>Prof. Yoshikatsu KANAI*<br>Prof. Kazuyo MORO<br>Prof. Yukio KAWAHARA<br>Prof. Iishiro SHIMOMURA<br>Prof. Katsuhiko HAYASHI  | Department of Cell Biology<br>Department of Molecular Neurosciences<br>Integrative Physiology<br>Bio-system Pharmacology<br>Laboratory for Innate Immune Systems<br>RNA Biolgy & Neuroscience<br>Metabolic Medicine, Department of Internal Medicine<br>Department of Germline Genetics   |
| Graduate School of Dentistry                        | Prof. Kenji NODA  | Center for Frontier Oral Science/Molecular Medicine   |
| Graduate School of Pharmaceutical Science           | Prof. Tsuyoshi INOUE  | Structure and Function Analysis of Biomolecules   |
| Graduate School of Engineering Science              | Prof. Shinji SAKAI  | Biochemical Materials Engineering Science   |
| United Graduate School of Child Development         | Prof. Makoto SATO*  | Department of Anatomy and Neuroscience  |
| RIMD (Research Institute for Microbial Diseases)    | Prof. Yasuhiko HORIGUCHI*<br>Prof. Masahiro YAMAMOTO<br>Prof. Sho YAMASAKI<br>Prof. Hiroaki MIKI<br>Prof. Tohru ISHITANI<br>Prof. Tetsuya IIDA*<br>Prof. Shiroh IWANAGA<br>Prof. Takeshi KOBAYASHI<br>Prof. Yusuke MAEDA*<br>Prof. Tarou KINOSHITA* | Department of Molecular Bacteriology<br>Immunoparasitology<br>Molecular Immunology<br>Department of Cellular regulation<br>Department of Cellular and Molecular Biology<br>Department of Infection Metagenomics<br>Department of Molecular Protozoology<br>Department of Virology<br>Laboratory of Viral Dynamism Research<br>Endowed Chair Yabumoto Department of Intractable Disease Research |
| The Institute of Scientific and Industrial research | Prof. Takeharu NAGAI<br>Prof. Masaki TANIGUCHI  | Department of Biomolecular Science and Engineering<br>Department of Bio-Nanotechnology  |

| Organization   | Name of Faculty  | Laboratory  |
|--|--|---|
| Institute for Protein Research                               | Prof. Juinichi TAKAGI<br>Prof. Takayuki KATO<br>Prof.Takahisa FURUKAWA<br>Prof. Takatoshi HIKIDA   | Laboratory of Protein Synthesis and Expression<br>Laboratory of CryoEM Structural Biology<br>Laboratory of molecular and Developmental Biology<br>Laboratory for Advanced Brain Functions   |
| IFReC<br>(Immunology Research Frontier Center)               | SA Prof. Shizuo AKIRA<br>SA Prof. Tadamitu KISHIMOTO*<br>SA Prof. Shimon SAKAGUCHI*<br>SA Prof. Tomohiro KUROSAKI*<br>SA Prof. Shigekazu NAGATA*<br>Prof. Kazuhiro SUZUKI* | Laboratory of Host Defense<br>Laboratory of Immune Regulation<br>Laboratory of Experimental Immunology<br>Laboratory of Lymphocyte Differentiation<br>Laboratory of Biochemistry & Immunology<br>Laboratory of Immune Response Dynamics |
| CEALAS<br>(Center for education in Liberal Arts and Science) | SD Prof. Satoshi SHIMEGI   | Laboratory of Brain Information Science in Sports   |
| Institute for Advanced Co-Creation Studies                   | Prof. Keiichiro SUZUKI*<br>Prof. Toru OKAMOTO*   | Genome engineering / Genome editing<br>Division of Infectious Disease   |

**3. Cooperation Program, Non-Resident Professors, Visiting Professors, Guest Professors**

| Organization   | Name of faculty  | Research Field  |
|--|--|---|
| National Institutes of Biomedical Innovation, Health and Nutrition (NIBIOHN) | Guest Prof. Kenji MIZUGUCHI                                | Protein Function and Bioinformatics                                     |
| RIKEN Center for Biosystems Dynamics Research (BDR)                          | Guest Prof. Makoto TAJI<br>Guest Prof. Yasushi OKADA       | Systems Science of Biological Dynamics                                  |
| RIKEN Center for Biosystems Dynamics Research (BDR)                          | Guest Prof.Hiroshi HAMADA<br>Guest Prof. Yu-Chiun Wang     | Developmental Biology   |
| Center for Information and Neural Networks (CiNet)                           | Guest Prof. Takafumi SUZUKI<br>Guest Prof. Masahiko Haruno | Brain-machine Interface Technology<br>Computational Social Neuroscience |

## Laboratory Placement

■ Tentative Home Lab Placement (April enrollment: by July / October enrollment: by January)

Students must choose a home lab. Those who have not decided on a home lab at the time of enrollment (April or October) are advised to visit labs they are interested in as soon as possible as some labs may not be able to accept students due to capacity.

■ Permanent Home Lab Placement (April enrollment: after July / October enrollment: after January)

After July, students need to register their supervisor and sub supervisor by submitting a Supervisor/Sub supervisor Registration Sheet (below). Those who would like to continue their graduate study in the same lab will have a priority over students seeking to transfer from a different lab. If you wish to change your lab, you must reach an agreement both with the previous supervisor and prospective one.

■ Sub supervisors

In addition to your supervisor, who provides research instruction, a sub supervisor is assigned to each student. Sub supervisors are expected to give additional advice. Students who enrolled after the 2018 academic year must register Biomechanics I (first year) and Biomechanics II (second year) from Group B subjects (see page 12).

Students are encouraged to consult with their supervisor for help in choosing their sub supervisor.

## Supervisor / Sub-supervisor Registration Sheet

DATE :

|                              |                                 |              |   |   |   |   |   |  |  |  |  |
|------------------------------|---------------------------------|--------------|---|---|---|---|---|--|--|--|--|
| 研 究 科<br>Graduate School     | 生命機能研究科<br>Frontier Biosciences | 学籍番号         | 3 | 2 | A | 2 | 2 |  |  |  |  |
| 連 絡 先<br>Lab Phone<br>Number | 内線<br>Ext.                      | 学生氏名<br>Name |   |   |   |   |   |  |  |  |  |

|                                     |                  |  |
|-------------------------------------|------------------|--|
| 本配属指導教員名<br>Name of Supervisor      |                  |  |
| 副指導教員名<br>Name of<br>Sub-Supervisor | First<br>choice  |  |
|                                     | Second<br>choice |  |

Note: Agreements regarding sub supervisors

1. The sub supervisor can supervise a student on behalf of the supervisor with the approval of the Educational Affairs Committee.
2. For students whose supervisor is a visiting academic staff member from a partner graduate school,

a professor from one of FBS' core laboratories (Nanobiology Laboratories, Biomolecular Networks Laboratories, Integrated Biology Laboratories, Organismal Biosystems Laboratories, Neuroscience Laboratories, Biophysical Dynamics Laboratories) should be chosen as the sub supervisor.

3. Sub supervisors do not necessarily have to be a professor. Associate professors can also be a sub supervisor. It is strongly encouraged to choose a sub supervisor whose discipline of research is different from that of your own.
4. As a general rule, sub supervisors oversee four students a year. Some sub supervisors may be in charge of more students under a decision following a Faculty Meeting.
5. Sub supervisors are in charge of guidance and training of Biomechanics I (first year) and Biomechanics II (second year). At the end of academic year, sub supervisors must give a grade evaluation to each student under their supervision.



## Degree Conferral

### ■ Master's Degree conferral

The Graduate School of Frontier Biosciences ("FBS") awards master's degrees upon the fulfillment of requirements corresponding to the completion of a course equivalent to a master's course. During the second year of the 5-year doctorate course, an Interim Examination is held, in which the master's thesis is submitted and presented. A master's degree is conferred based on the successful defense of that thesis. Refer to the "Requirements for Completion and Registration Procedure" for the eligibility requirements. The policies regarding the Interim Examination are listed below:

### **FBS Policies Regarding the Interim Examination**

(With approval from the Academic Affairs Committee, 24 Feb 2003)

(Revised 23 Oct 2019)

#### (Implementation)

- (1) Students must undergo an Interim Examination ("Interim Exam") as part of the requirements for completion of the doctorate course.
- (2) As a rule, the Interim Exam shall be conducted at the end of the fall semester of the second year. Students who do not take an Interim Exam during this time shall do so at the end of the second semester of the third year or later, depending on the judgment of the student's supervisor. However, those approved for special consideration in light of studying abroad, medical reasons, or other extenuating circumstances, may take the Interim Exam on a day arranged by the Educational Affairs Committee.
- (3) Students who wish to undergo an Interim Exam must submit a master's thesis.
- (4) An Interim Exam shall be implemented based on the standards of a master's thesis defense.
- (5) Students who have passed their Interim Exam will be conferred a master's degree and will be qualified to submit a doctor's thesis upon completion of both the "D group subjects" and "E Group subjects" from the subjects available for selection.
- (6) Conditions to apply for an Interim Exam are as follows:
  - I. Those who wish to apply for an Interim Exam must have been enrolled in the doctoral program of the Graduate School of Frontier Biosciences for at least two years, must do so at the end of the year, and must have a good academic standing to earn the required credits. Should the applicant's required credits be insufficient, they will be required to repeat the year even if they pass the thesis evaluation for their Interim Exam and will only be able to obtain a degree after they have earned the required credits the following year.
  - II. The date to apply for an Interim Exam shall be determined separately by the Dissertation Committee.
- (7) When students who already hold a master's or doctor's degree are enrolled in the first year of the course, they shall also undergo an Interim Exam as mentioned above.
- (8) Those admitted into the third year of the course shall be exempt from an Interim Exam.
- (9) Those who fail an Interim Exam will not be able to move on to the third year and shall repeat the second year.
- (10) The same year may not be repeated more than three times.
- (11) Questions that may arise regarding other policies concerning Interim Exams shall be deliberated upon by the Educational Affairs Committee and resolved through a Faculty Meeting.

Interim Examination timetable \*Information in ( ) is for October enrollment

|                              |   |
|------------------------------|---|
| Mid-July (June)              | Deadline for the submission of your “Thesis Title Sheet,” “Diploma Confirmation Sheet,” and “Thesis abstract.”  |
| Early-Dec                    | Deadline for the submission of your “Thesis Title Sheet” and “Abstract.” Deadline for the submission of your “Thesis.”                                  |
| Around Mid-Jan (Early-Aug)   | Deadline for the submission of your thesis for the Interim Examination.   |
| Around Early-Feb (Late-Aug)  | Interim Examination   |
| Around Early-Mar (Early-Sep) | Approval of Degree (Conferment)   |
| Around Late-Feb (Early Sep)  | Deadline for submission of the final version of your thesis.<br>*Only a thesis with revision instructions given at the interim examination is eligible. |

\*This is a reference. Details will be sent from the FBS Educational Affairs section at a later date.

Note when taking the Interim Examination:

Students must be “on track” by completing the required 30 credits to undergo an Interim Exam. FBS regulations hold that, even if the student passes the defense of their master’s thesis, the pass or fail decision in the Interim Exam, normally made at the beginning of March, shall be put on hold if the requisite 30 credits have not been completed.

If the decision is put on hold, conferral of the master’s degree will occur during the next school year once the credit requirements are met. In this case, the student must be enrolled at FBS for October and thereafter. However, such students will not be allowed to take subjects designed for the third and later years of the course, i.e., Group D and Group E subjects. Students who plan to withdraw after receiving their master’s degree in the second year should keep this rule in mind.

Dissertation Committee Members

Two or more professors (the supervisor as a primary examiner, plus sub examiner[s]) from FBS shall constitute the Dissertation Committee that reviews the master’s thesis presentation. If necessary, an associate professor or academic staff member not affiliated with FBS may serve as a second sub examiner.

Necessary Documents

| Documents                  | Submit to                                     | Note   |
|----------------------------|---|--|
| Thesis Title Sheet         | Educational Affairs section                   | Sub examiners must be appointed by your supervisor and their consent must be obtained. |
| Diploma Confirmation Sheet | Educational Affairs section                   |  |
| Abstract                   | Educational Affairs section                   | One page of A4 size paper.   |
| Thesis                     | Primary & Sub examiner<br>Educational Affairs | There is no specific thesis format and no limit to the number of pages.                |
| Pledge                     | Educational Affairs section                   |  |

■ Doctor's Degree conferral

The Graduate School of Frontier Biosciences' requirements to apply for a doctor's degree, as well as the dissertation defense procedures, are as described below:

**Doctor's Degree Application Requirements and Dissertation Defense Procedure**

**(Established 1 Oct 2004)**

**(Corrected 10 Feb 2016)**

To receive a doctor's degree, students must study for the prescribed length of time, complete the required number of credits or be on track to do so, receive research instruction, and meet the doctor's degree application requirements set by FBS.

The eligibility requirements and review procedures for the Ph.D. degree application shall be as follows:

**After receiving an approval from their supervisor (professor), students may apply for the doctor's degree.**

**Procedure**

There are two steps to the dissertation defense process: a Preliminary Defense and a Dissertation Defense. After completing the prescribed procedure and passing the Preliminary Defense, the student may undergo the Dissertation Defense.

**1. Doctor's Degree Application**

Students who fulfill the requirements for applying for the doctor's degree are to submit their Application for Degree (Preliminary Defense version) ("the Application"), along with their dissertation in temporary binding to the Doctor's Degree Qualifications Committee (DQC). The Application consists of a) the Dissertation Title Form, b) Recommendation form for Preliminary Defense Committee member (Chair, Vice-Chair) candidates, c) a summary of the dissertation, and d) a recommendation letter from the student's supervisor.

**Review of the Application**

After reviewing the Application and the dissertation, the DQC determines the PDC members. The PDC members shall be academic staff members who are closely related to the specialized field of the applicant ("candidate"). They shall convene the Preliminary Defense Session and PDC Meetings. The PDC members must be formed by three members including at least 2 professors of FBS (professors or associate professors). The Chair must be a professor of an FBS core laboratory. Each Dissertation Committee shall have the discretion to include additional committee members from other graduate schools or other university research organizations (corresponding to a professor or associate professor). The student's supervisor may not be on the Preliminary Defense Committee.

**2. Preliminary Defense Session**

Students whose applications have been approved are allowed to undergo a Preliminary Defense. This is a private session in which the candidate presents their dissertation to the PDC members and responds to their questions. It shall be held at least one week before the Dissertation Defense Session. The candidate shall make arrangements in consultation with all PDC members as to the location and schedule of the session, while considering that it will possibly be held two or more times.

**PDC Meetings**

After the above session, the dissertation shall be reviewed in PDC meetings. The opinions of supervisors and related parties may be requested as needed at these meetings. The PDC may also decide in its meetings to postpone the review in order to hold further Preliminary Defense Sessions and PDC meetings.

In PDC meetings, the candidate's dissertation and his or her research abilities are reviewed. While making the pass or fail decision, due consideration shall be given to the fact that the candidate is the first author of the dissertation under review.

### 3. Dissertation Defense Session

Students who pass the Preliminary Defense participate in the Dissertation Defense Session, which is open to the public. Such students must submit the prescribed Application for Degree documents (Dissertation Defense documents) to the Dean via the FBS Educational Affairs section. After this session, the Dissertation Committee meets and reviews the dissertation.

#### Dissertation Committee

Three or more professors of FBS shall constitute the Dissertation Committee, which shall conduct the Dissertation Defense. The committee Chair shall be the candidate's supervisor (professor). In principle, the Vice-Chair shall be appointed from among the PDC members.

Typically, the Dissertation Defense Session is held in July or August. However, the DQC may elect to hold the session during a different month based on the date the Preliminary Defense is passed. A total of twenty minutes shall be allotted to each candidate—10 minutes to present the dissertation and 10 minutes for the question and answer session.

### 4. About the Dissertation

The Graduate School of Frontier Biosciences has established the following criteria regarding the content and format of dissertations:

- (1) The dissertation must be single, independent work by the candidate who is the sole author of the dissertation. →Please do NOT use “we” but “I” in the dissertation.
- (2) The dissertation must have sufficient academic value and a high degree of originality in its content.
- (3) It must include a section (chapter) that would enable researchers in other fields to understand the background, purpose, relevance in its field, significance, and originality of the research.
- (4) It may include content from other papers previously presented by the candidate, but it should be written as a single, integrated work.
- (5) It may be written in English or Japanese (English is preferred).
- (6) Those whose dissertations are in Japanese shall attach an English abstract written approximately 200 to 300 words, to be attached immediately after the cover and before the Japanese version of the abstract.
- (7) In addition to satisfying the above criteria, the dissertation shall consist of the following parts:
  - ① front cover (title, author name, month, and year of completion)
  - ② summary
  - ③ table of contents
  - ④ body
  - ⑤ list of the author's previous academic accomplishments (papers presented, conference presentations, etc.; if the candidate is a co-author, then the candidate's main contribution must be clearly explained)

Moreover, the dissertation shall be printed on A4-sized paper and bound.

### 5. Other

(1) Candidates will be notified separately as to the necessary number of copies of both their Application for Degree documents and dissertation, etc. as well as the period for the submission of these items.

(2) Those who fulfilled the requirements for completion (years and credits) are able to apply for the doctor's degree within 3 years after withdrawal from graduate school.

### Period of Completion and Eligible Applicants

| Period of Completion | Eligible Applicants  |  |   | Document Submission Deadline (preliminary defense)   |
|----------------------|--|--|---|--|
|                      | Accelerated Completion   | Normal Completion  | Extended Completion   |  |
| JUNE                 | ×  | ×  | ○   | 17 March 2022 (Thu)  |
| SEPTEMBER            | ○  | ○ *  | ○   | 16 June 2022 (Thu)   |
| DECEMBER             | ×  | ×  | ○   | 15 Sep 2022 (Thu)  |
| MARCH                | ○  | ○  | ○   | 4 Jan 2023 (Wed)   |
| Notes                | A separate qualifying review is needed beforehand. Refer to the separate notification. | *Only students admitted as a third-year student (October admission) are eligible for the September period. | Applicants who have exceeded the normal 5-year (3 years for third-year admitted students) completion term. Includes those applying within 3 years after earning their required credits and withdrawing from the school. | *Refer to the separate “Doctor’s Degree Application Requirements and Dissertation Defense Procedure” for details. *Refer to the separate “Dissertation Defense Schedule” for schedule details. |

### Overall Process to the Doctor’s Degree Conferral

▼ Consultation prior to the Preliminary Defense (this should be held in the 5<sup>th</sup> year of a PhD course)



▼ Submission of documents related to the preliminary defense



▼ Endorsement from the Preliminary Defense Committee and notification to the applicant



▼ Plagiarism check (supervisor)



▼ The Preliminary Defense (30-minute dissertation presentation and 30-minute Q&A) \*Private



▼ Submission of Documents related to the Dissertation Defense



▼ Dissertation Defense (a public 10-minute presentation and 10-minute Q&A)



▼ Decision on the Degree Conferral



▼ Degree Conferral

#### ■ Consultations prior to the Preliminary Defense

In July (December if enrolled in October), all students who have advanced to the 5<sup>th</sup> year must have consultations prior to the Preliminary Defense of their PhD. Please consult with your supervisor to select three candidates (one Chair and two Vice-Chairs) from faculty members to conduct consultations and submit the specified form to FBS Educational Affairs. The Vice-Chairs must be professors of the Graduate School of Frontier Biosciences, and the Chair needs to be a faculty member from one of the core laboratories of the

Graduate School of Frontier Biosciences. Supervisors and faculty members belonging to the same laboratory cannot be consultants. Each consultant can decide whether professors or associate professors from other Osaka University graduate schools or other universities can be added as additional members.

The candidates for consultations prior to the preliminary Defense of a PhD will be determined after applications are deliberated upon by the Student Affairs Committee. These three faculty members will be the Chair and Vice-Chairs for the preliminary Defense of a PhD. Details will be given separately.

■ Documents to be submitted

\*The documents to be submitted are subject to change. Please check the FBS website or further notices for additional information.

Consultations prior to the Preliminary Defense:

- 1 Recommendation form for Preliminary Defense Committee member  
(Consultations prior to the Preliminary Defense)

Preliminary defense (Download format from the FBS message board):

- 1 Application for degree (preliminary defense) (Form-1-①)
- 2 Recommendation form for Preliminary Defense Committee member (Form 1-②)
- 3 List of Thesis (Form 2)
- 4 Summary (Form 3)
- 5 Resume (Form 4)
- 6 Recommendation for the preliminary defense from supervisor
- 7 Record of the applicant's research achievements
- 8 Approval Letter from co-first Author

\*As a rule, if the paper serving as the basis for the dissertation has equal contribution authors, you must obtain approval from each. Approval in the form of an email will suffice as a substitute if they are located far away, such as outside the country. Follow your supervisor's advice if you cannot reach them.

- 9 Name Form to be written on your transcripts in English
- 10 Doctoral Thesis (preliminary version)
- 11 Doctoral Thesis's Internet Publication Confirmation (Form 10)
- 12 Checklist
- 13 A printed report of plagiarism check by iThenticate
- 14 Pledge

Forms to submit after the preliminary defense:

1. Result Report
2. Result Summary and Responsible Parties
3. Recommendation of Chair/Vice-Chair Candidates for the Dissertation Defense

Forms to submit after the final defense (details will be given to successful applicants):

1. Result Report
2. Dissertation Table of Contents (Form 7)
3. Dissertation (PDF)

Note: Please contact FBS Educational Affairs for details.

In cases when the online publication of the doctoral dissertation (full text) has been put on hold, the degree

recipient must confirm the publisher's copyright policy after being published or released in academic journals or after the patent application content becomes public. Please promptly submit a report to the FBS Educational Affairs section using the Doctoral Thesis's Internet Publication Suspension Form (University's Institutional Repository) Form 11.

## **Payment of tuition fees**

1. Tuition fees must be paid by the prescribed due date (by the end of May for the first semester / by the end of November for the second semester). Osaka University uses a convenient system, the “Tuition Fee Automatic Debit System,” by which tuition fees are automatically deducted from the student’s bank account. Cash or money orders are not acceptable.
2. If the tuition fee is not paid by the prescribed due date, a collection letter will be sent to the student and their guardian. \*If a reasonable period passes without the tuition fee being paid after the collection letter has been sent, the student will be expelled from the university (Failure to pay the tuition fee in full by the end of the school year will result in automatic expulsion).
3. The university has an exemption system in place to help students who have difficulty paying tuition fees. Please refer to the section entitled, “Exemption of enrollment / tuition fee.”
4. If the student decides to take a leave of absence before a semester begins the tuition fee for that semester will be waived. However, the tuition fee for that semester will be charged if the student decides to take a leave of absence after the semester begins.
5. It is possible to pay tuition fees for only those months of a semester that the student is enrolled before withdrawing or taking a leave of absence. However, for this to apply, the student must complete the paperwork for the withdrawal or leave of absence first, then pay the applicable tuition fee by the end of April for the spring semester and by the end of October for the fall semester.

For inquiries, please contact:

Suita Student Center (IC Hall 1F)

email: [gakusei-sien-en1@office.osaka-u.ac.jp](mailto:gakusei-sien-en1@office.osaka-u.ac.jp)

Website: <https://www.osaka-u.ac.jp/en/campus/tuition/remission/index.html>



## **Exemption of enrollment / tuition fees**

Osaka University has maintained the Exemption/Deferred Payment of Enrollment Fee and Exemption/Deferred/Installment Payment of Tuition Fee Program (hereinafter the “Enrollment/Tuition Fee Exemption Program”) to support regular undergraduate and graduate students who have difficulty paying these fees due to the death of their legal guardians responsible for paying their education expenses, suffering by natural disasters, or other economic reasons. Before applying, please see the eligibility and application guidelines noted on our website (link below).

In order to apply for an exemption from and/or deferment of enrollment fees, applicants must submit the Application Form for Expected Exemption From and/or Deferment of Enrollment Fees for Admission at the time of admission.

A student who has already paid their enrollment fee, however, is not eligible for the enrollment fee exemption.

In addition, students who apply for a tuition fee exemption must submit an application that corresponds with tuition fee payments for each half (first half: April to September, second half: October to March) of each academic year. (However, it is possible for students to apply for a full year tuition exemption (which combines applications for both first and second half tuition exemption) when applying for a tuition exemption for the first half of the year.)

<https://www.osaka-u.ac.jp/en/guide/student/tuition/remission/index.html>

For more information, contact the Suita Student Center (1<sup>st</sup> floor, IC Hall),  
Email: [gakusei-sien-en1@office.osaka-u.ac.jp](mailto:gakusei-sien-en1@office.osaka-u.ac.jp)

## Classes

### ■Registration procedures, etc.

#### (1) Registration

Please refer to the Course List for subjects offered at the Graduate School of Frontier Biosciences.

Also, please register while receiving instructions from your supervisor.

#### (2) How to register

Registration for subjects is done through KOAN (see (4) below), Osaka University's Student Affairs Information System. The registration period is usually about 3 weeks so do not forget to register during the registration period. Details will be posted on the FBS bulletin board on the Graduate School of Frontier Biosciences' website.

#### (3) Note when registering:

Double-check the schedule of classes as subjects with overlapping class times cannot be studied.

Keep in mind that you also need to register for subjects held in labs such as those from Groups B–E.

#### (4) About KOAN (Knowledge of Osaka University Academic Nucleus)

KOAN can be accessed from both on- and off-campus. You need your Osaka University Personal ID given at the time of admission to log in.

A guide to using KOAN is available on the “マイ ハンダイ” website.

マイ ハンダイ: <https://my.osaka-u.ac.jp> \*the top page is in Japanese only

#### (5) Regarding the completion of class subjects in graduate schools overseas

Those currently studying at the Graduate School of Frontier Biosciences and completing class subjects while studying in a graduate school overseas are required to complete the designated procedures and obtain approval from the dean before leaving to study abroad. Credits earned at an overseas graduate school can be obtained upon approval following a faculty meeting, and up to 10 credits can be counted toward the required credits to complete the course.

### Notes:

(1) Subjects taken at the graduate school overseas by those who have completed formal study abroad procedures will be judged for the recognition of those subjects and credits based on the certification of completion issued by the overseas graduate school.

(2) The certificate of completion shall include all class subjects, number of credits, evaluation (along with standards for evaluation), class period (start and end) and total class hours issued by the graduate school overseas, as well as be certified by the dean of the Graduate School of Frontier Biosciences.

## ■ Class schedule

The latest class schedule can be found under “Curriculum Details” on the FBS website, and the class syllabus is linked to the syllabus on KOAN from the same Curriculum Details page (Home>Current Students>Curriculum Details).

| Period | Time        | Period | Time        |
|--------|-------------|--------|-------------|
| 1      | 8:50~10:20  | 4      | 15:10~16:40 |
| 2      | 10:30~12:00 | 5      | 16:50~18:20 |
| 3      | 13:30~15:00 | 6      | 18:30~20:00 |

## ■ Cancellation of classes due to weather warnings, disasters, and suspension of public transportation

\*Cancellations do not apply to online classes, including regular examinations.

- Multimedia classes (including periodic examinations; the same applies hereinafter) will be exempt from this policy, which means that, as a rule, classes will be held in the event of weather warnings, etc.
- However, in the event that it is difficult to conduct multimedia classes, the department offering the course may cancel classes. In such cases, students will be notified through our system, etc.
- If students are unable to attend multimedia classes due to unavoidable circumstances, such as being required to evacuate or take other measures in the event that storm warnings or emergency warnings are issued in the students' area of residence or along their route to school; or in the event of an earthquake with an intensity of upper-5 or more on the Japanese seismic scale, measures will be taken to ensure that students are not put at a disadvantage in terms of their academic standing. Please contact the department offering the course or the individual in charge.

### (1) Cancellation of classes after issuance of weather warnings

If a “Storm Warning (暴風警報)” or an “Emergency Warning\* (特別警報)” is issued for the region including Toyonaka, Suita, Ibaraki, and Minoh cities, classes will be cancelled. If either of these warnings are issued during a class, this class will not be cancelled; however, all following classes will be cancelled.

\*All "Emergency Warnings" will be applicable to heavy rain, wind storms, snow storms, heavy snowfall, etc., without limitation of content.

### (2) Cancellation of classes due to the suspension of public transportation

If the service of one or more of the following lines of public transportation has been suspended (including partial suspension) due to a disaster, natural or man-made, classes held on the campus(es) affected by this suspension will be cancelled.

|                 |  |
|-----------------|--|
| Toyonaka Campus | Hankyu Railway (Takarazuka Line: Osaka Umeda – Takarazuka) or Osaka Monorail (all lines)                     |
| Suita Campus    | Hankyu Railway (Senri Line: Osaka Umeda/Tenjinbashi-ji-rokuchome – Kita-senri) or Osaka Monorail (all lines) |
| Minoh Campus    | Osaka Metro (Midosuji Line, including Kita Hankyu Railway. Osaka   |

|  |  |
|--|--|
|  | Umeda – Senri Chuo or Osaka Monorail (all lines) |
|--|--|

However, classes will not be cancelled for the temporary suspension of bus services due to traffic accidents, etc.

(3) Regarding the lifting of weather warnings and/or resumption of public transportation service

If weather warnings are lifted or public transportation services have resumed, classes will be held according to the following chart:

| If the warning is lifted or transportation service is resumed... | classes will be...    |
|--|-----------------------|
| before 6 am  | held all day          |
| after 6 am but before 9 am                                       | held in the afternoon |
| after 9 am or not at all   | cancelled all day     |

\*The United Graduate School of Child Development will directly contact related individuals regarding cancellation of classes via email.

\*Confirmation of the lifting of weather warnings and/or resumption of public transportation services will be conducted via television, radio, and the Internet.

(4) Cancellation of classes following an earthquake

If an earthquake with a strength of upper-5 on the Japanese seismic scale is recorded in the cities of Toyonaka, Suita, Ibaraki, and/or Minoh in Osaka Prefecture, classes for that day will be cancelled. If the earthquake is recorded at 5:15 pm or later, classes for the following day will also be cancelled.

In addition, if an earthquake with a strength of upper-5 is recorded outside of the areas listed above and/or if an earthquake with a strength of less than upper-5 is recorded in the areas listed above, the guidelines in section 2 regarding cancellation of classes due to suspension/stoppage of public transportation service will apply.

(5) Cancellation of classes due to an evacuation advisory/order

If an evacuation advisory/order is issued in the cities of Toyonaka, Suita, Ibaraki, and/or Minoh in Osaka Prefecture, classes may be cancelled in departments located in these areas. Follow the instructions provided by your department.

(6) Others

I. If a weather warning similar to the one in (1) above is issued, or if an earthquake similar to the one in (4) above occurs in your area of residence or on your route to school, or if public transportation is suspended other than (2) above, or if you are absent from class due to other unavoidable circumstances, please notify the department offering the class or the Graduate School of Frontier Biosciences. If you are absent due to unavoidable circumstances, such as an earthquake similar to the one in (4) above, or the cancellation of public transportation other than the one in (1) above, please notify the department offering the class and/or the FBS Educational Affairs section.

II. When weather warnings, suspensions of public transportation, evacuation advisories, etc. are predicted in advance, or when classes must be cancelled, the university will notify the students via the

university website or KOAN.

#### ■Contacting students

Students will receive notifications through the KOAN message board or the FBS website. Please check these websites regularly. You can also access them from off campus.

Depending on the matter, students will be contacted individually via telephone or email. Please make sure your updated contact information is always registered on KOAN. You will be contacted at the email address (.....@ecs.osaka-u.ac.jp) given to you from Osaka University. If you cannot access this email account regularly, please set up a forwarding address to ensure that we have no trouble contacting you.

#### ■Academic-related procedures

##### (1) Leaves of absence (required form: Request for Leave of Absence [KYUGAKU-NEGAI])

For illnesses or other reasons requiring the student to discontinue his or her studies for more than 3 months, a leave of absence may be granted with the Dean's approval.

\*Regardless of the following deadlines, as a rule, procedures to request a leave of absence should be completed at least one month prior to the leave of absence.

##### I. Tuition Fees

Tuition fees during the leave of absence will vary depending on the timing of the request, since tuition fees are incurred on per-semester basis (first semester: May / second semester: November)

- a. Requests made by March/September: tuition for the months comprising the leave of absence is waived (monthly payments allowed)
- b. Requests made in April/October for leaves of absence starting May/November: excluding the tuition fee for April/October, tuition fees for the months comprising the leave of absence is waived (monthly payments allowed)
- c. Requests made in May/November or later: the full tuition fee for that semester will be incurred by the student.

##### II. The period of absence (leave of absence)

- a. The period during which a leave of absence is taken shall not be considered into the calculation of the students' enrollment years.
- b. Leaves of absence may not exceed 5 years (3 years for students admitted into the third year of the course).

##### (2) Withdrawals

Students may terminate their studies at FBS to pursue employment opportunities (or other reasons) after receiving permission from the Dean.

As a rule, a request should be made, and permission to withdraw may be given at least one month before the planned date of withdrawal.

##### (3) Study Abroad (required forms: Study Abroad Form / Travel Abroad Registration System)

Students who wish to study abroad (as an exchange student) at a graduate school under an Inter-University/Faculty Student Exchange Agreement between the university and an overseas academic institution must receive permission from the Dean at least one month prior to the start of the study abroad

course.

(4) Study Abroad (Private Study Abroad) (required forms: Request for Leave of Absence / Travel Abroad Registration System)

Students who wish to study abroad privately for language studies, etc. for three or more months may request a leave of absence to do so (Study Abroad on Leave)

(5) Graduate School Transfers (required form: Graduate School Transfer Request)

Students who wish to transfer to another Osaka University Graduate School during their period of enrollment at the Graduate School of Frontier Biosciences (e.g., to a different Graduate School's doctor course after receiving their master's here) should make the request after checking with the Graduate School's office about requirements and application deadline.

If the student advances to (is admitted into) a different Graduate School by taking an entrance examination instead of the Graduate School entrance exam, he or she must pay the entrance examination fee and enrollment fee.

(6) Reentry after a leave of absence (required forms: Reentry Request / medical certificate [if applicable])

When the reason for the leave of absence has been resolved before the end of the period comprising the leave of absence and the student wishes to return to the university, a request should be approved by the end of the month before reentry.

If the leave was due to a doctor-approved medical reason, such as an illness, please submit a doctor's medical certificate along with the Reentry Request form.

\*Tuition fees will be incurred at the start of the month upon reentry.

\*The above procedure is not necessary if the reentry is after the completion of the leave of absence.

(7) Student name change or Change of Guarantor, etc. (required form: Notification of Transfer of Family Register (Name Change))

Please submit the forms above to change your school registration information (name as recorded in KOAN, etc.) if your name changes for any reason.

(8) Change of supervisor (required forms: Supervisor (Sub supervisor) Change Notification)

If, due to certain circumstances, you wish to change your home lab, etc., you may do so after receiving approval from the academic staff concerned.

(9) Change of Address

Students who change their mailing address or phone number, etc. need to promptly revise this information on KOAN via the "Student Address Registration" page. The contact address/phone number registered on this page is used to contact the student about tuition fee payments and other matters.

(10) Approval of study abroad credits (required forms: Request for Approval of Study Abroad Credits, transcript from the host university, syllabi or other materials explaining lecture content)

If you would like credits earned studying abroad to count toward the required completion credits at

FBS, please submit the required forms immediately after you return. The transcript must show your name, number of credit(s), grade(s) received (along with the grading scale), length of period studied (period start and end dates), and the total class hours for each subject. It must also have the official signature/seal of the head of the issuing graduate school.

Moreover, credits earned after the prescribed 10 credits will not count toward those required for course completion, but the subject(s) will be recorded in the school register.

★Application Forms

Contact the FBS Educational Affairs section

★Submit to

FBS Educational Affairs

■Student ID card

The student ID card is not only the proof of the student's enrollment at Osaka University but also an important tool for using the Automated Certificate Issuing Machines and to enter the library. Therefore, you should always keep it with you.

If the card becomes damaged or lost, apply for a new one immediately.

Suita Campus: Education Affairs Information Section, Education Planning Division, Department of Education and Student Affairs, Administration Bureau (B1) Tel: 06-6879-7105

Toyonaka Campus: Toyonaka Student Center, Student Union (2<sup>nd</sup> floor) Tel: 06-6850-6119

■Certificate issuance

(1) Issuance via Automatic Certificate Issuing Machines (ACIM)

| Type of Certificate   | Note   |
|---|--|
| Enrollment Certificate  |  |
| Academic Transcript   |  |
| Diploma (undergraduate) / Completion Certificate (master's)     | Osaka University alumni only   |
| Student Discount Card<br>(Student Passenger Fare Discount Card) | Limit 3 per day, 10 per year.  |
| Health Certificate  | This certificate cannot be issued to some students using this machine. Contact a campus health center for details. |

Location and times ACIMs can be used

| Campus   | Location  | Hours        |
|----------|---|--------------|
| SUITA    | Suita Student Center 1st floor lobby                              | 8:30 – 18:00 |
|          | Medical School 1st floor entrance                                 | 8:30 – 17:00 |
|          | School of Engineering U1M building                                | 9:00 – 17:00 |
| TOYONAKA | Toyonaka Student Center 2nd floor lobby                           | 8:30 – 18:00 |
|          | Liberal Arts and Sciences Organization Building A 2nd Floor lobby | 8:30 – 17:00 |

(2) Issuance by FBS Educational Affairs ( <https://www.fbs.osaka-u.ac.jp/en/student/certificate/> )

If the certificate cannot be issued at an ACIM, please fill out and submit a certificate request form at the FBS Educational Affairs section. \*If you live on a campus far from FBS Educational Affairs, a request can be sent via email. In this case, the email must be sent through an OUmail (.....@ecs.osaka-u.ac.jp) address in order to verify your identity. Please also attach a scanned copy of your ID (Student ID, etc.).

Please allow for a reasonable turnaround time. Depending on the time of year and type of certificate, it may take a while to prepare, although general certificates are usually sent the following day.

### (3) Certificate as a MEXT Student

Fill out and submit an Application for Certificate as a MEXT Student at FBS Educational Affairs. It takes 7 days to be issued. The Application for Certificate as a MEXT Student is available on the “Certificate” page of the FBS website.

### ■ Travel Abroad Registration System

In cases of overseas emergencies, such as terrorist attacks, natural disasters, or infectious disease outbreaks, Osaka University has a system to confirm the safety of OU students: the Travel Abroad Registration System.

Submit your travel information into the Overseas Travel Registration System when traveling for any reason.

- Overseas Travel Registration System: <http://osku.jp/m0783>



## Health and Safety Matters

### ■Physical checkups

All students are required by the School Health Law and Osaka University Health Regulations to undergo periodic physical checkups. These are held every year. Schedules and other information are posted on the FBS bulletin board toward the beginning of April and October.

Students can get a physical checkup at either the Health and Counseling Center (Toyonaka Main Center) or Suita Branch Center.

Please be sure to undergo a physical checkup, otherwise you will not be issued a Health Certificate, which is required for participating in teaching practice, hospital training, job-hunting activities, to receive scholarships, etc.

### ■Health and Counseling Center

The Health and Counseling Center has doctors, counselors, coordinators, medical staff, and other professionals to provide physical and mental health support as well as disability assistance. It is made up of the Health Management Department (on the Toyonaka [main office], Suita, and Minoh campuses) and the Consultation Support Department (Student Consultation Room, Accessibility Support Room, Peer Consultation Room).

If you would like to talk with us but don't know where to go, please come to the Miscellaneous Consultation Room.

Health and Counseling Center website: <https://hacc.osaka-u.ac.jp/ja/>

#### Health Management Department:

- Medical services for students and faculty members (internal medicine, psychiatry, orthopedics)

- Women's outpatient services

- Smoking cessation outpatient services

- Health checkups for students (new student checkups, spring checkups, fall checkups)

- Health checkups for Osaka University Staff (regular checkups, checkups at the time of hiring, pre- and post-travel checkups)

- Health checkups for those engaged in certain types of hazardous work

#### Consultation Support Department

- Consultations regarding support for students with disabilities – Accessibility Support Room

- Professional counseling – Student Consultation Room

- Peer advisor consultations (student counselor) – Peer Consultation Room

#### Miscellaneous Consultation Room

If you would like to talk to someone but aren't sure where to go, or if you would like to receive counseling regarding SOGI or other matters, we can refer you to an appropriate on- or off-campus

consultation support institution or medical institution.

If necessary, we can cooperate with or contact the institution and offer support for a smooth consultation process.

### ■Graduate School of Frontier Biosciences Student Consultation Room

The graduate school's student counseling room is located on the 2nd floor of the Frontier Bioscience Building. If you would like to talk with us, please contact our office staff at the Student Consultation Room via email ([soudan@fbs.osaka-u.ac.jp](mailto:soudan@fbs.osaka-u.ac.jp)) or phone (06-6879-4421). You can also contact counselors from the Student Consultation Committee directly without going through the office staff. A list of counselors is posted on the Graduate School of Frontier Biosciences website's student-only bulletin board (FBS BBS).

### ■Graduate School of Frontier Biosciences Consultation Room for Students with Disabilities

Consultations for Students with Disabilities at the Graduate School of Frontier Biosciences is headed by the FBS Educational Affairs section. We accept consultations regarding support for students with disabilities, such as requesting special considerations and/or accommodations for study at FBS. We will consider all requests and provide support where necessary. Please send your inquiries to the email address below or visit FBS Educational Affairs and/or the Accessibility Support Room at the Health and Counseling Center on each campus. Please feel free to make an inquiry if you are unsure if you qualify for assistance.

Graduate School of Frontier Biosciences Consultation for Students with Disabilities:

[shien@fbs.osaka-u.ac.jp](mailto:shien@fbs.osaka-u.ac.jp)

Accessibility Support Room Consultation: [campuslifekenkou-ac@office.osaka-u.ac.jp](mailto:campuslifekenkou-ac@office.osaka-u.ac.jp)

### ■Accident insurance

#### Personal Accident Insurance for Students Pursuing Education and Research (PAS)

Personal Liability Insurance for Students is a nationwide system to indemnify students for the number of days that medical treatment is needed for injury incurred during regular curricular activities, extracurricular activities, or while commuting to or from the university. All students are required to participate in this insurance plan.

Students who have not yet bought the insurance and those who are repeating a year of school are required to pay the premium as soon as possible at a post office using the request form for tuition payment (available at COOP offices on the Toyonaka, Suita, or Minoh campuses).

#### 1. Duration of insurance

| Admission | Duration of insurance  |
|-----------|--|
| April     | 1 April to 31 March of the expected year of graduation       |
| October   | 1 October to 30 September of the expected year of graduation |

The duration of insurance for students who participate in this insurance plan from the middle of a semester starts on the day following the date of premium payment.

## 2. Additional coverage for commuting accidents

### Graduate students

Students in the 1st year of a master's course cannot make a lump sum payment of insurance premiums for the 1st year of a master's course or the 2nd year of a doctor's course. Insurance premiums for the 2nd year of a doctor's course are to be paid after advancing to the course.

|  |   |
|--|---|
| Graduate School                        | Graduate School of Frontier Biosciences |
| doctor's course (1 <sup>st</sup> year) | 4,050 yen/5 years                       |
| doctor's course (2 <sup>nd</sup> year) | 3,300 yen/4 years                       |
| doctor's course (3 <sup>rd</sup> year) | 2,600 yen/3 years                       |
| doctor's course (4 <sup>th</sup> year) | 1,750 yen/2 years                       |
| doctor's course (5 <sup>th</sup> year) | 1,000 yen/1 year                        |

## 3. Types and amounts of insurance

For more information, view the **Handbook for Enrollment of Personal Accident Insurance for Students Pursuing Education and Research**.

| Type of indemnity  | Types and amounts of insurance   | Additional indemnity for hospitalization |
|--|--|--|
| During regular curricular activities or school events  | Indemnity for loss of life: 20 million<br>Insurance for disability: In relation to the degree of aftereffects: 120,000 yen - 30 million yen. Injury and/or disease requiring four or more days of actual medical treatment: 3,000 yen - 300,000 yen. Number of treatment days: <b>1</b> or more          | 4,000 yen/day (from day 1)               |
| While commuting to and from school facilities  | Indemnity for loss of life: 10 million yen.<br>Insurance for disability: In relation to the degree of aftereffects: 600,000 yen - 15 million yen. Injury and/or disease requiring four or more days of actual medical treatment: 6,000 yen - 300,000 yen. Number of treatment days: <b>4</b> or more     | 4,000 yen/day (from day 1)               |
| During extracurricular activities at or in school facilities<br>During the time you are in school facilities | Indemnity for loss of life: 10 million yen.<br>Insurance for disability: In relation to the degree of aftereffects: 160,000 yen - 15 million yen. Injury and/or disease requiring four or more days of actual medical treatment: 30,000 yen - 300,000 yen<br>Number of treatment days: <b>14</b> or more | 4,000 yen/day (from day 1)               |

- Accidents when engaged in an activity forbidden by the university are not covered by this insurance.
- Accidents while commuting to and from school facilities are covered as long as you observe [Bicycle and Transportation Regulations](#).
- Only extracurricular activities outside school facilities that you have informed the university of are covered by this insurance.
- Accidents during the time you are in a dormitory on campus are not covered by this insurance.

## 4. Procedures for insurance claims

Documents necessary for claiming insurance are available at the COOP offices on the Toyonaka, Suita, and Minoh campuses.

If an accident that may be covered by this insurance happens, contact the COOP office as soon as possible. Information regarding the date, location, and injury or disease must be communicated to the insurance company **within 30 days of the accident**. If this is not communicated within 30 days, the insurance company may not pay.

Please submit the insurance claim form to the COOP Office after treatment has finished.

#### 5. Liability Insurance for Students Pursuing Education and Research (LSR)

Personal Liability Insurance for Students (Gakusei Kyoiku Kenkyu Baisho Sekinin Hoken [short form: "Gakkenbai"]) insures against personal liability claims in the case of injury to someone or damage to another person's property during regular curricular activities, school events, internships, nursing care recognized as an extracurricular activity, teaching practice, childcare practice, or volunteer activities as well as during commuting to and from the sites of such activities. (However, medical related training such as clinical practice or nursing practice are excluded from this coverage.) **This plan is applied to students who participate in Personal Accident Insurance for Students Pursuing Education and Research (PAS).** The premium is 340 yen per year (course A). Documents necessary for application and insurance claims are available at COOP offices on the Toyonaka, Suita, and Minoh campuses. OU students are only eligible to participate in course A.

#### Contact:

##### **Toyonaka Campus**

Insurance Section, General Affairs Division, Toyonaka COOP Office,  
4F, Welfare Center, Toyonaka Campus

##### **Suita Campus**

Insurance Section, COOP Office, School of Engineering.  
COOP Welfare Building in Engineering Faculty

#### **Website**

<https://www.osaka-u.ac.jp/en/guide/student/general/insurance.html>

*English described below is a translation from the original and shall not be regarded as official documentation. The English text has been provided merely as a reference. Please note that any official rules are based solely on the Japanese text.*

## **Osaka University Graduate School Regulations**

### **Chapter 1: General Provisions**

(Purpose, Aims, etc.)

#### **Article 1**

These regulations specify the requirements necessary for students to complete their studies, including the period of study and the content of the curriculum, at the Graduate Schools of Osaka University (hereinafter referred to as “University”).

2. The graduate program of the University shall aim to teach and research academic theories and applications and achieve a mastery of profound knowledge, as well as cultivate the in-depth knowledge and superior capabilities needed to engage in a vocation requiring a high degree of specialization and contribute to the advancement of society.

3. The graduate program of the University shall determine and publicly announce the aims for educating individuals and other aims related to education and research for each graduate school and department/division/course.

(Programs and Standard Period of Study)

#### **Article 2**

The graduate program of the University shall be a doctoral degree program. However, the Graduate School of Letters and Graduate School of Medicine shall offer a master’s degree program and a doctoral degree program, and the Osaka University Law School shall offer a graduate law school program.

2. The standard period of study for the master’s degree program shall be two (2) years.

3. The standard period of study for the doctoral degree program shall be five (5) years. However, the standard period of study to complete the doctoral degree programs offered by the Division of Medicine at the Graduate School of Medicine, the Graduate School of Dentistry or the Course for Medical Pharmacy at the Graduate School of Pharmaceutical Sciences (hereinafter referred to as “Doctoral Degree Program in Medicine, Dentistry or Pharmacy”) shall be four (4) years.

4. The doctoral degree program shall be divided into an initial two-year course (hereinafter referred to as “Master’s Course”) and a subsequent three-year advanced course (hereinafter referred to as “Doctoral Course”). However, this division shall not be established for the Doctoral Degree Program in Medicine, Dentistry or Pharmacy and the doctoral degree program in the Graduate School of Frontier Biosciences.

5. The standard period of study for the Master's Course referred to in the preceding paragraph shall be two (2) years, and this shall be treated as equivalent to a master's degree program.

6. The standard period of study for the graduate law school program shall be three (3) years.

7. Notwithstanding the provisions stipulated in Paragraphs 3 and 4 above, the doctoral degree program for the United Graduate School of Child Development, Osaka University, Kanazawa University, Hamamatsu University School of Medicine, Chiba University and University of Fukui shall consist of a Doctoral Course only, and the standard period of study shall be three (3) years.

8. Pursuant to the provision of Article 10, for students who have received permission to complete the curriculum over an extended period of time (hereinafter referred to as a "Long-term Student"), the standard period of study shall be the period of time that was authorized.

(Graduate Schools, Departments/Divisions/Courses and Programs)

### **Article 3**

The graduate schools, departments/divisions/courses and related programs at the Graduate Schools of the University shall be as listed in the table below.

| Graduate School         | Department/Division/Course  | Type of Program         |
|-------------------------|---|-------------------------|
| Letters                 | Studies on Cultural Forms, Studies on Cultural Expressions  | Doctoral degree program |
|                         | Studies on Cultural Dynamics  | Master's degree program |
| Human Sciences          | Human Sciences  | Doctoral degree program |
| Law and Politics        | Law and Political Science   | Doctoral degree program |
| Economics               | Economics, Business and Management  | Doctoral degree program |
| Science                 | Mathematics, Physics, Chemistry, Biological Sciences, Macromolecular Science, Earth and Space Science | Doctoral degree program |
| Medicine                | Medicine, Health Sciences   | Doctoral degree program |
|                         | Medical Sciences  | Master's degree program |
| Dentistry               | Oral Science  | Doctoral degree program |
| Pharmaceutical Sciences | Advanced Pharmaco-science, Medical Pharmacy   | Doctoral degree program |

| Graduate School   | Department/Division/Course  | Type of Program             |
|---|---|-----------------------------|
| Engineering   | Biotechnology, Applied Chemistry, Precision Engineering and Applied Physics, Mechanical Engineering, Materials and Manufacturing Science, Electrical, Electronic and Infocommunications Engineering, Sustainable Energy and Environmental Engineering, Global Architecture, Management of Industry and Technology | Doctoral degree program     |
| Engineering Science   | Materials Engineering Science, Mechanical Science and Bioengineering, Systems Innovation  | Doctoral degree program     |
| Language and Culture  | Language and Culture, Language and Society, Japanese Language and Culture   | Doctoral degree program     |
| Osaka School of International Public Policy   | International Public Policy, Comparative Public Policy  | Doctoral degree program     |
| Information Science and Technology  | Pure and Applied Mathematics, Information and Physical Sciences, Computer Science, Information Systems Engineering, Information Networking, Multimedia Engineering, Bioinformatic Engineering   | Doctoral degree program     |
| Frontier Biosciences  | Frontier Biosciences  | Doctoral degree program     |
| Osaka University Law School   | Legal Practice  | Graduate law school program |
| United Graduate School of Child Development, Osaka University, Kanazawa University, Hamamatsu University School of Medicine, Chiba University and University of Fukui | Child Development   | Doctoral degree program     |

2. Osaka University Law School referred to in the preceding paragraph shall be a professional graduate school defined in Paragraph 2 of Article 99 of the School Education Law (Act No. 26, 1947).

(Purpose of Courses)

#### **Article 4**

The master's degree programs and Master's Courses shall aim to cultivate research capabilities in a field of specialization or, additionally, cultivate superior capabilities for engaging in a vocation requiring a high degree of specialization, through in-depth education over a broad field.

#### **Article 5**

The Doctoral Course, the Doctoral Degree Program in Medicine, Dentistry or Pharmacy and the doctoral degree program in the Graduate School of Frontier Biosciences shall aim to cultivate individuals who can conduct independent research as researchers in a field of specialization and foster

the advanced research capabilities necessary for carrying out a highly specialized vocation as well as a rich knowledge that serves as the foundation for such capabilities.

#### **Article 5-2**

The graduate law school program shall have the sole purpose of providing training in the legal profession among the professional doctoral degrees stipulated in the Standards for the Establishment of Professional Graduate Schools.

### **Chapter 2: Curriculum**

(Policy for Development of Curriculum)

#### **Article 5-3**

The curriculum in the graduate program of the University shall include the subjects organized systematically based on academic majors, global literacy and liberal arts.

#### **Article 5-4**

The graduate program of the University (excluding professional graduate schools, which applies here and in Paragraph 1 of Article 5-6, Article 9-2, Paragraph 1 of Article 9-4, and Article 12) shall establish the necessary subjects to achieve the educational aims of the program as well as establish a system for supervising the writing of a thesis or dissertation (hereinafter referred to as “Research Guidance”).

2. With regard to the development of the curriculum, the graduate program of the University must give appropriate consideration to fostering fundamental knowledge in the relevant field of specialization, in addition to enabling the acquisition of advanced specialized knowledge and capabilities in that field of specialization.

#### **Article 5-5**

The professional graduate school must establish the necessary subjects in the field of specialization in collaboration with industry, legal sector, etc.

2. The professional graduate school must give appropriate consideration to providing coursework involving practical research, on-site investigations or both, or two-way or multi-directional debate, question and answer sessions or other appropriate methods in the field of specialization, in order to provide a practical education that fulfills the aims of the school.

(Program for Leading Graduate Schools)

#### **Article 5-6**

In order to enhance the curricula in each graduate school, the following programs are offered by the University:

Program for Leading Graduate Schools

WISE Program(Doctoral Program for World-leading Innovative & Smart Education)



2. Necessary matters related to each program of the preceding paragraph shall be stipulated separately.

(Graduate Minor Program etc.)

#### **Article 5-7**

In addition to the curriculum stipulated in Article 5-3 to the preceding Article, the following programs shall be established in order to cultivate knowledge in a wide range of areas:

Graduate Minor Program

Graduate Program for Advanced Interdisciplinary Studies

2. Other matters necessary for each program stated in the preceding paragraph shall be stipulated separately.

(Certificates of Learning, etc.)

#### **Article 5-8**

For students who have acquired credits for systematic courses with a part of the curriculum stipulated in Article 5-3 to 5-6 and according to the provisions stipulated in Article 163-2 of the Ordinance for Enforcement of the School Education Law (Ministry of Education Ordinance No. 11, 1947), Certificates of Learning can be issued.

2. The systematic courses in the preceding paragraph are referred to as 学修証明プログラム (the Learning Certificate Program).

3. Other necessary matters concerning the Learning Certificate Program shall be stipulated separately.

(Educational Methods etc.)

#### **Article 6**

The education in the graduate program of the University shall be conducted in the form of coursework and Research Guidance. However, Research Guidance shall not apply to the professional graduate school.

2. The subject content, number of credits, content of Research Guidance and course requirements for each graduate school shall be established separately in the regulations for the relevant graduate school.

3. Regarding the method of instruction and method for calculating the number of credits for each subject, Article 10-2-2 and Article 10-2-3 in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

4. In addition to the subjects stipulated in Paragraph 2 above, the University shall offer the following subjects that are jointly implemented by all graduate schools.

- Subjects concerning Transdisciplinary Graduate Education Program (hereinafter referred to as “Graduate Transdisciplinary Subjects”)
- Subjects concerning Program for Leading Graduate Schools (hereinafter referred to as Leading Program Subjects”)

- Global initiative subjects

5. Necessary matters concerning the Graduate Transdisciplinary Subjects, the Leading Program Subjects and global initiative subjects shall be stipulated separately.

#### **Article 7**

When deemed necessary by the Dean of the relevant graduate school (hereafter “Dean of the relevant graduate school” shall include individuals who have been given the power to act on behalf of the said Dean of the graduate school), with the approval of the relevant Faculty Meeting at the relevant graduate school, a student may take subjects offered by another department/division/course at the relevant graduate school, subjects offered by another graduate school, subjects stipulated in Paragraph 4 of the preceding Article, or subjects offered by an undergraduate school, and receive credits as stipulated in the provisions of Article 15.

#### **Article 8**

When deemed necessary by the Dean of the relevant graduate school, with the approval of a Faculty Meeting at the relevant graduate school, a student may take subjects at another graduate school, at an overseas graduate school, or at the United Nations University, and receive credits as stipulated in the provisions of Article 15, provided that the number of credits shall be fifteen (15) or less.

2. Regarding the completion of subjects stipulated in the preceding paragraph, the provisions stipulated in Paragraph 1 of Article 10-3 in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

#### **Article 8-2**

When deemed necessary by the Dean of the relevant graduate school, with the approval of the relevant Faculty Meeting at the relevant graduate school, the credits acquired for coursework completed at a graduate school, at an overseas graduate school or at the United Nations University prior to enrollment in the graduate program of the University, may be recognized by the graduate program of the University as acquired credits. (This includes credits acquired as a credited auditor pursuant to Paragraph 1 of Article 31 of the Standards for the Establishment of Universities, Ministry of Education Ordinance No. 28, 1963, applied *mutatis mutandis* to Article 15 of the Standards for the Establishment of Graduate Schools, Ministry of Education Ordinance No. 28, 1974.)

2. Except for the credits acquired in the graduate program of the University, credits acquired pursuant to the preceding paragraph can be applied toward the total stipulated in Article 15, provided that the number of credits shall be fifteen (15) or less (excluding the individuals admitted to the University pursuant to Paragraph 1 of Article 24-2, or accepted for readmission or transfer pursuant to Paragraph 2 of Article 32), and the total number of credits recognized as acquired credits pursuant to the provision of Paragraph 1 of the preceding Article must not exceed twenty (20) credits.

### **Article 8-3**

Regarding the professional graduate school, the completion of subjects at another graduate school, at an overseas graduate school, or at the United Nations University, and approval of credits acquired prior to enrollment shall be pursuant to the provisions of the professional graduate school.

### **Article 9**

When deemed necessary by the Dean of the relevant graduate school, with the approval of the relevant Faculty Meeting at the relevant graduate school, a student may receive Research Guidance at another graduate school or overseas graduate school (excluding Research Guidance a student of the International Collaborative Department, as defined in Article 45, receives at the Overseas Partner Graduate School as defined in Article 46), based on discussions with that graduate school.

2. The period for receiving Research Guidance stipulated in the preceding paragraph shall not exceed one (1) year for students in the master's degree program and the Master's Course.

(Specification of Grading Standards etc.)

#### **Article 9-2**

The graduate program of the University must clearly specify to students the methods for and content of coursework and Research Guidance as well as an annual plan for coursework and Research Guidance.

2. In order for the graduate program of the University to maintain a strict and objective evaluation of academic achievements and the thesis or dissertation and approve program completion, the graduate program of the University must clearly specify the grading standards to students and conduct evaluations appropriately in accordance with those standards.

#### **Article 9-3**

The professional graduate school must clearly specify to students the methods for and content of coursework and an annual plan for classes.

2. In order for the professional graduate school to maintain a strict and objective evaluation of academic achievements and approve program completion, the professional graduate school must clearly specify the grading standards to students and conduct evaluations appropriately in accordance with those standards.

(Systematic Training for Improvements in Educational Content)

#### **Article 9-4**

The graduate program of the University shall conduct systematic training and research in order to improve the content and methods of classes and Research Guidance.

2. The professional graduate school shall conduct systematic training and research in order to improve the content and methods of classes.

(Long-term Completion of Curriculum)

**Article 10**

The Dean of the relevant graduate school may permit the planned completion of the curriculum based on stipulations established separately when a student, due to employment or other factors, expresses the wish to exceed the standard period of study as stipulated in Paragraphs 2, 3, and 5 of Article 2 and complete the curriculum and degree course during a specific period of time.

(Acquisition of Required Qualifications to Obtain a Teaching Certificate)

**Article 10-2**

The methods for acquiring the required qualifications for obtaining a teaching certificate at the graduate schools of the University shall be stipulated separately.

**Chapter 3: Completion of Course and Conferment of Degree**

(Examinations and Evaluations)

**Article 11**

A student's mastery of a completed subject shall be evaluated by a written examination, oral evaluation or research report. However, other evaluation methods may be used in place of an examination.

2. Grading for examinations for each subject shall be expressed using the following system, with 100 points as the top score. S, A, B and C indicate passing grades, while F indicates a failing grade.

S: 90 points or higher

A: 80 – 89 points

B: 70 – 79 points

C: 60 – 69 points

F: Less than 60 points

(Submission of a Thesis or Dissertation etc.)

**Article 12**

Students in the graduate program of the University shall submit a thesis or dissertation to the Dean of the relevant graduate school during the period of enrollment and take a final examination. However, this provision shall not apply to students who are to be evaluated based on research results on a specific topic stipulated in Paragraph 1 of Article 15, and who are to be subjected to examination and evaluation stipulated in Paragraph 2 of Article 15.

**Article 13**

Notwithstanding the provision of the preceding Article, an individual who has been enrolled in the Doctoral Course for three (3) or more years, acquired the stipulated number of credits and received the necessary Research Guidance may be permitted by the Dean of the relevant graduate school to submit a doctoral dissertation and take a final examination, even after voluntary withdrawal from the graduate school.

2. Notwithstanding the provision of the preceding Article, an individual who has been enrolled in the Doctoral Degree Program in Medicine, Dentistry or Pharmacy for four (4) or more years, acquired the stipulated number of credits and received the necessary Research Guidance may be permitted by the Dean of the relevant graduate school to submit a doctoral dissertation and take a final examination, even after voluntary withdrawal from the graduate school.

3. Notwithstanding the provision of the preceding Article, an individual who has been enrolled in the doctoral degree program in the Graduate School of Frontier Biosciences for five (5) or more years (or three (3) or more years in the case of individuals approved to enroll pursuant to the provision of Article 24-2), acquired the stipulated number of credits and received the necessary Research Guidance may be permitted by the Dean of the relevant graduate school to submit a doctoral dissertation and take a final examination, even after voluntary withdrawal from the graduate school.

4. The Dean of the relevant graduate school must have the approval of the relevant Faculty Meeting to grant the permission pursuant to the provisions of the preceding three paragraphs.

(Evaluation of Thesis or Dissertation etc.)

#### **Article 14**

A Dissertation Committee shall be established at a Faculty Meeting of the relevant graduate school to evaluate theses or dissertations and conduct final examinations.

2. A presentation session on the content of the dissertation shall be conducted when evaluating the said dissertation.

3. The assistance of an academic staff member from another graduate school etc. may be received when deemed necessary for the evaluation of the thesis or dissertation referred to in the preceding paragraph after discussion at a Faculty Meeting of the relevant graduate school.

4. The provisions of Paragraphs 1 and the preceding paragraph shall apply *mutatis mutandis* to examinations and evaluations stipulated in Paragraph 2 of the following Article.

(Requirements for Completion)

#### **Article 15**

The requirements for the completion of the master's degree program or the Master's Course shall be enrollment in the relevant program/course for at least two (2) years, acquisition of at least thirty (30) credits in the required subjects pursuant to the requirements of the relevant graduate school, and, after receiving the necessary Research Guidance, the successful completion of a master's thesis or research results on a specific topic in accordance with the aims of the curriculum and successful completion of a final examination. However, for an individual who has shown exceptional research performance, a period of enrollment of at least one (1) year may be deemed sufficient to complete the master's degree program or the Master's Course, only when specially approved by the Dean at the relevant graduate school with the approval of a Faculty Meeting at the relevant graduate school.

2. When it is deemed necessary to fulfill the aim of the Master's Course, the requirements for the completion of the said Master's Course shall be successful completion of examination and evaluation stipulated in the following in lieu of the successful completion of a master's thesis or research results on a specific topic.

(1) Examination concerning advanced specialized knowledge and capabilities in the relevant field of specialization as well as fundamental knowledge in related field(s) of specialization, which should be acquired and cultivated during the said Master's Course.

(2) Evaluation concerning capabilities necessary to perform proactive research related to a doctoral dissertation, which should be acquired during the said Master's Course.

3. The provisions of the preceding paragraphs shall be applied only to individuals taking the curriculum with a consistent aim for nurturing individuals in the doctoral degree program with a standard period of study of five (5) years stipulated in Paragraph 3 of Article 2.

4. The requirements for the completion of the doctoral degree program (excluding the Doctoral Degree Program in Medicine, Dentistry or Pharmacy) shall be enrollment in the relevant program for at least five (5) years (including the period of two (2) years of enrollment in the relevant master's degree program or Master's Course in the case of individuals who have completed the said master's degree program or the Master's Course), acquisition of at least thirty (30) credits in the required subjects pursuant to the requirements of the relevant graduate school, and, after receiving the necessary Research Guidance, the successful completion of a doctoral dissertation and a final examination. However, for an individual who has shown exceptional research performance, a period of enrollment of at least three (3) years (including the period of two (2) years of enrollment in the relevant master's degree program or Master's Course in the case of individuals who have completed the said master's degree program or the Master's Course) may be deemed sufficient to complete the doctoral degree program, only when specially approved by the Dean at the relevant graduate school with the approval of a Faculty Meeting at the relevant graduate school.

5. The requirements for the completion of the doctoral degree program (excluding the Doctoral Degree Program in Medicine, Dentistry or Pharmacy) for individuals who completed the master's degree program or the Master's Course within the period of enrollment as stipulated in the proviso in Paragraph 1 above shall be enrollment of at least three (3) years in addition to the period of enrollment in the master's degree program or the Master's Course, acquisition of at least thirty (30) credits in the required subjects pursuant to the requirements of the relevant graduate school, and, after receiving the necessary Research Guidance, the successful completion of a doctoral dissertation and a final examination. However, for an individual who has shown exceptional research performance, a period of enrollment of at least three (3) years (including the period of enrollment in the master's degree program or the Master's Course) may be deemed sufficient to complete the doctoral degree program, only when specially approved by the Dean at the relevant graduate school with the approval of a Faculty Meeting at the relevant graduate school.

6. The requirements for the completion of the Doctoral Degree Program in Medicine, Dentistry or Pharmacy shall be enrollment of at least four (4) years, acquisition of at least thirty (30) credits in the

required subjects pursuant to the requirements of the relevant graduate school, and, after receiving the necessary Research Guidance, the successful completion of a doctoral dissertation and a final examination. However, for an individual who has shown exceptional research performance, a period of enrollment of at least three (3) years may be deemed sufficient to complete the program, only when specially approved by the Dean at the relevant graduate school with the approval of a Faculty Meeting at the relevant graduate school.

7. Notwithstanding the provisions of Paragraphs 4 and 5 above, in the case of individuals who hold a master's degree or a professional degree (hereinafter, "professional degree" shall be defined according to the provisions outlined in Article 5-2 of the Degree Regulations (Minister of Education Ordinance No. 9, 1953), or qualified for enrollment in a Doctoral Course based on academic capabilities recognized as equal to or exceeding those of individuals who hold a master's degree pursuant to the provisions of Article 156 of the Ordinance for Enforcement, and who enrolled in the Doctoral Course, the requirements for the completion of the relevant course/program shall be enrollment in the course/program for at least three (3) years and, after receiving the necessary Research Guidance, the successful completion of a doctoral dissertation and a final examination. However, for an individual who has shown exceptional research performance, a period of enrollment of at least one (1) year may be deemed sufficient to complete the course/program, only when specially approved by the Dean at the relevant graduate school with the approval of a Faculty Meeting at the relevant graduate school.

8. Notwithstanding the provision of the preceding paragraph, when deemed necessary by a graduate school, the graduate school may stipulate the acquisition of a prescribed number of credits in the necessary subjects as a requirement for the completion of the course/program referred to in the preceding paragraph.

9. The requirements for the completion of the graduate law school program shall be enrollment of at least three (3) years and acquisition of at least ninety-eight (98) credits in the required subjects pursuant to the requirements of Osaka University Law School. However, for individuals who have been recognized as possessing the fundamental knowledge of the law required to complete the graduate law school program (hereinafter referred to as "Individual with Fundamental Legal Knowledge"), a period of enrollment of at least two (2) years may be deemed sufficient to complete the program, only when specially approved by the Dean with the approval of a Faculty Meeting at Osaka University Law School.

#### (Shortening of the Period of Enrollment in Graduate School)

##### **Article 15-2**

In the event that the credits acquired at the graduate program of the University or at another graduate school prior to enrollment in the graduate program of the University (limited to the credits acquired only after qualifying for enrollment pursuant to Paragraph 1 of Article 102 of the School Education Law, and including credits acquired as a credited auditor pursuant to Paragraph 1 of Article 31 of the Standards for the Establishment of Universities, applied *mutatis mutandis* to Article 15 of the Standards for the Establishment of Graduate Schools) may be recognized by the graduate program of

the University as acquired credits, and when the relevant graduate school deems that students have completed part of the curriculum of a master's degree program or a doctoral degree program (excluding Doctoral Course) of the said graduate school, or a graduate law school program, through acquisition of the said credits, individuals may be recognized as having been enrolled for the period pursuant to certification of the said graduate school, based on the number of acquired credits, the period required for acquiring credits, and other matters deemed to be necessary, provided that the period shall be one (1) year or less. However, even in this case, students in the master's degree program or the Master's Course must be enrolled for at least one (1) year.

2. The provisions of the preceding paragraph shall not be applied to the period of enrollment of the doctoral degree program stipulated in Paragraphs 4 and 5 of the preceding Article, in the case of individuals who have completed the master's degree program or the Master's Course (excluding the period of enrollment of the master's degree program or the Master's Course which are included in the period of enrollment of the doctoral degree program pursuant to the provisions of Paragraph 4 of the preceding Article), and to the period of enrollment of Individual with Fundamental Legal Knowledge.

(Conferment of Degrees)

#### **Article 16**

The President shall confer a master's degree or doctoral degree on individuals who have completed a course/program pursuant to the provisions of Paragraphs 1 through 7 of Article 15 and the preceding Article.

2. The President shall confer a degree of Juris Doctor on individuals who have completed the graduate law school program pursuant to Paragraph 9 of Article 15 and the preceding Article.

3. In addition to individuals specified in Paragraph 1, for the doctoral degree program in the Graduate School of Frontier Biosciences, the President may confer a master's degree on individuals who have fulfilled the requirements equivalent to the completion of the master's degree program or the Master's Course stipulated in Paragraphs 1 and 2 of Article 15.

#### **Article 17**

The degrees stipulated in Paragraphs 1 and 3 of the preceding Article shall be appended with the name of the field of specialization in accordance with the classifications of each graduate school, as listed below.

| Graduate school  | Master's degree           | Doctoral degree                         |
|------------------|---------------------------|---|
| Letters          | Arts (文学)                 | Literature (文学)                         |
| Human Sciences   | Human Sciences (人間科学)     | Human Sciences (人間科学)                   |
| Law and Politics | Laws (法学)                 | Philosophy in Law (法学)                  |
| Economics        | Economics (経済学)           | Philosophy in Economics (経済学)           |
|                  | Applied Economics (応用経済学) | Philosophy in Applied Economics (応用経済学) |



| Graduate school   | Master's degree                           | Doctoral degree   |
|---|---|---|
|   | Business Administration (経営学)             | Philosophy in Business Administration (経営学)             |
| Science   | Science (理学)                              | Philosophy (理学)   |
| Medicine  | Medical Science (医科学)                     | Philosophy in Medical Science (医学)                      |
|   | Public Health (公衆衛生学)                     |   |
|   | Health Science (保健学)                      | Health Science (保健学)                                    |
|   | Science in Nursing (看護学)                  | Science in Nursing (看護学)                                |
| Dentistry   |   | Philosophy in Dental Science (歯学)                       |
| Pharmaceutical Sciences   | Pharmaceutical Sciences (薬科学)             | Philosophy in Pharmaceutical Sciences (薬科学)             |
|   |   | Philosophy in Pharmacy (薬学)                             |
| Engineering   | Engineering (工学)                          | Philosophy in Engineering (工学)                          |
| Engineering Science   | Engineering (工学)                          | Philosophy in Engineering (工学)                          |
|   |   | Philosophy in Science (理学)                              |
| Language and Culture  | Arts in Language and Culture (言語文化学)      | Philosophy in Language and Culture (言語文化学)              |
|   | Arts in Japanese Studies (日本語・日本文化)       | Philosophy in Japanese Studies (日本語・日本文化)               |
| Osaka School of International Public Policy   | International Public Policy (国際公共政策)      | International Public Policy (国際公共政策)                    |
| Information Science and Technology  | Information Science and Technology (情報科学) | Philosophy in Information Science and Technology (情報科学) |
|   | Science (理学)                              | Philosophy (理学)   |
|   | Engineering (工学)                          | Philosophy in Engineering (工学)                          |
| Frontier Biosciences  | Science (生命機能学)                           | Philosophy (生命機能学)                                      |
|   | Science (理学)                              | Philosophy (理学)   |
|   | Science (工学)                              | Philosophy (工学)   |
| United Graduate School of Child Development, Osaka University, Kanazawa University, Hamamatsu University School of Medicine, Chiba University and University of Fukui |   | Child Development (小児発達学)                               |

2. The degree of Juris Doctor stipulated in Paragraph 2 of the preceding Article shall be appended with the term “Professional Degree (専門職).”

3. Notwithstanding the provision stipulated in Paragraph 1 above, in the case of individuals who specialized in interdisciplinary fields, the degree conferred on them may be appended with the term “Philosophy, Science (学術),” when deemed appropriate by the President with the approval of a Faculty Meeting of the relevant graduate school.

## **Article 18**

In addition to the provisions stipulated in the preceding Article, other matters related to the master's degree, doctoral degree and degree of Juris Doctor shall be pursuant to the provisions in the Osaka University Degree Regulations.

**Article 19 Deleted.**

## **Chapter 4: Enrollment, Leave of Absence, Voluntary Withdrawal, Transfer, Change of Graduate School, Study Abroad, Readmission and Change of Department/Division/Course**

(Requirements for Enrollment etc.)

### **Article 20**

Individuals who may enroll in the master's degree program, Master's Course, and doctoral degree program in the Graduate School of Frontier Biosciences and the graduate law school program are as follows:

- (1) Individuals who have graduated from a university or specialist college.
- (2) Individuals who have received a bachelor's degree pursuant to Paragraph 7 of Article 104 of the School Education Law.
- (3) Individuals who have completed sixteen (16) years of formal education overseas.
- (4) Individuals who have completed sixteen (16) years of formal education overseas through completion in Japan of a correspondence course offered by a school in that country.
- (5) Individuals who have completed the relevant coursework designated separately by the Minister of Education, Culture, Sports, Science and Technology (hereinafter referred to as "MEXT") at an educational facility in Japan which ranks in an overseas educational system as providing the same level of curriculum as a university in that country (hereafter "university in that country" or "overseas university" shall include overseas universities equivalent to specialist colleges) (limited to those facilities recognized as providing the equivalent of sixteen (16) years of formal education in that country).
- (6) Individuals who have received the equivalent of a bachelor's degree through the completion of coursework (including but not limited to the completion of a correspondence course in Japan offered by a school overseas and which ranks in an educational system overseas as providing the same level of curriculum as a university in that country designated by Item (5)) which requires three (3) or more years of study at an overseas university or school (limited to schools evaluated by organizations that are certified by overseas governments, or relevant agencies, on the comprehensive progress of their education and research, or schools which are designated separately by the Minister of MEXT).
- (7) Individuals who have completed a specialized course at a specialized training college, with requirements designated separately by the Minister of MEXT, after the date designated by the Minister of MEXT (limited to those schools which require four (4) or more years of study and which fulfill the standards established by the Minister of MEXT).
- (8) Individuals designated by the Minister of MEXT.

- (9) Individuals who have been enrolled at a graduate school pursuant to the provision of Paragraph 2 of Article 102 of the School Education Law and who are recognized as having adequate academic skill to study at the relevant graduate school.
- (10) Individuals who have been enrolled at a university or specialist college for three (3) or more years and who are recognized by the relevant graduate school as having acquired the prescribed number of credits with exemplary grades . (including those recognized as having the basic knowledge of law required by law school and competence/qualifications equivalent to, or higher than, that knowledge based on an evaluation of acquired credits and the results of examinations).
- (11) Individuals who have completed fifteen (15) years of formal education overseas; individuals who have completed fifteen (15) years of formal education overseas through completion in Japan of a correspondence course offered by a school in that country; or individuals who have completed the relevant coursework designated separately by the Minister of MEXT at an educational facility in Japan which ranks in an overseas educational system as providing the same level of curriculum as a university in that country (limited to those facilities recognized as providing the equivalent of fifteen (15) years of formal education in that country) who are recognized by the relevant graduate school as having acquired the prescribed number of credits with exemplary grades.
- (12) Individuals who are at least twenty-two (22) years of age and who are recognized by the relevant graduate school as having academic capabilities equal to or exceeding those of a university or specialist college graduate, based on a separate admission qualification evaluation.

#### **Article 21**

Individuals wishing to enroll in the master's degree program, Master's Course, doctoral degree program in the Graduate School of Frontier Biosciences or the graduate law school program must submit an application form for admission, along with the appropriate documents.

#### **Article 22**

Regarding individuals wishing to enroll in the master's degree program, Master's Course or the doctoral degree program in the Graduate School of Frontier Biosciences, an evaluation of academic capabilities shall be conducted and a decision made on which individuals shall be accepted for enrollment by the President with the approval of the relevant Faculty Meeting, based on a comprehensive evaluation of documents that include a statement of interest in the program, transcript, etc.

- 2. Regarding individuals wishing to enroll in the graduate law school program, a decision shall be made on which individuals shall be accepted for enrollment by the President with the approval of the relevant Faculty Meeting, based on the provisions stipulated by the Osaka University Law School.

#### **Article 23**

Individuals who may enroll in the Doctoral Course are as follows:

- (1) Individuals who hold a master's degree or a professional degree.

- (2) Individuals who have received a degree in a foreign country that is equivalent to a master's degree or professional degree.
- (3) Individuals who have received a degree overseas equivalent to a master's degree or professional degree through the completion in Japan of a correspondence course offered by a school overseas.
- (4) Individuals who have received the equivalent of a master's degree or professional degree through the completion of the relevant coursework designated separately by the Minister of MEXT at an educational facility in Japan which ranks overseas educational system as providing the same level of curriculum as a graduate school in that country.
- (5) Individuals who have received a degree that is equivalent to a master's degree through the completion of a course offered by the United Nations University.
- (6) Individuals who have completed the relevant coursework offered by an overseas school, an educational institution designated by Item (4) above or the United Nations University and who are recognized as having academic capabilities equal to or exceeding those of an individual who holds a master's degree upon passing the examination and evaluation equivalent to those stipulated in Article 16-2 of the Standards for the Establishment of Graduate Schools.
- (7) Individuals designated by the Minister of MEXT.
- (8) Individuals who are at least twenty-four (24) years of age and who are recognized by the relevant graduate school as having academic capabilities equal to or exceeding those of an individual who holds a master's degree or professional degree, based on a separate admission qualification evaluation.

#### **Article 24**

Regarding applicants wishing to enroll in the Doctoral Course who have received a master's degree from the graduate program of the University, a decision shall be made on which individuals shall be accepted for enrollment based on an evaluation of academic performance, master's thesis, etc. in the relevant Master's Course, or, for other applicants, an evaluation based on the provisions stipulated by the relevant graduate school. The evaluation shall be made by the President with the approval of the relevant Faculty Meeting.

#### **Article 24-2**

Individuals who wish to enroll in the third year of the doctoral degree program in the Graduate School of Frontier Biosciences may be accepted by the President with the approval of the relevant Faculty Meeting for enrollment based on the provisions stipulated by the graduate school.

2. Regarding the individuals accepted for enrollment pursuant to the provision of the preceding paragraph, requirements for completion shall be established separately by the relevant graduate school.

#### **Article 25**

Individuals who may enroll in the Doctoral Degree Program in Medicine, Dentistry or Pharmacy are as follows:

- (1) Individuals who have graduated from a university course in medicine, dentistry or pharmacy whose main purpose is to cultivate practical clinical ability, or veterinary medicine (hereinafter referred to as a “Course in Medicine, Dentistry, Pharmacy or Veterinary Medicine”).
- (2) Individuals who have completed eighteen (18) years of formal education overseas.
- (3) Individuals who have completed the equivalent of eighteen (18) years of formal education overseas through the completion in Japan of a correspondence course offered by a school in that country.
- (4) Individuals who have completed the relevant coursework designated separately by the Minister of MEXT at an educational facility in Japan which ranks in a foreign country’s educational system as providing the same level of curriculum as a university in that country (limited to those facilities recognized as providing the equivalent of eighteen (18) years of formal education in that country).
- (5) Individuals who have received the equivalent of a bachelor's degree through the completion of coursework (including but not limited to the completion of a correspondence course in Japan offered by a school overseas and which ranks in an educational system overseas as providing the same level of curriculum as a university in that country designated by Item (4)) which requires five (5) or more years of study at an overseas university or school (limited to schools evaluated by organizations that are certified by overseas governments, or relevant agencies, on the comprehensive progress of their education and research, or schools which are designated separately by the Minister of MEXT).
- (6) Individuals designated by the Minister of MEXT.
- (7) Individuals who have been enrolled at a graduate school pursuant to the provision of Paragraph 2 of Article 102 of the School Education Law and who are recognized as having adequate academic skill to study at the relevant graduate school.
- (8) Individuals who have been enrolled at a university for at least four (4) years (limited to a Course in Medicine, Dentistry, Pharmacy or Veterinary Medicine) and who are recognized by the relevant graduate school as having acquired the prescribed number of credits with exemplary grades.
- (9) Individuals who have completed sixteen (16) years of formal education overseas (limited to those individuals who have completed a Course in Medicine, Dentistry, Pharmacy or Veterinary Medicine); individuals who have completed sixteen (16) years of formal education overseas through completion in Japan of a correspondence course offered by a school in that country (limited to those individuals who have completed a Course in Medicine, Dentistry, Pharmacy or Veterinary Medicine); or individuals who have completed the relevant coursework designated separately by the Minister of MEXT at an educational facility in Japan which ranks in an overseas educational system as providing the same level of curriculum as a university in that country (limited to those facilities recognized as providing the equivalent of sixteen (16) years of formal education in that country; limited to those individuals who have completed a Course in Medicine, Dentistry, Pharmacy or Veterinary Medicine) who are recognized by the relevant graduate school as having acquired the prescribed number of credits with exemplary grades.

- (10) Individuals who are at least twenty-four (24) years of age and who are recognized by the relevant graduate school as having academic capabilities equal to or exceeding those of an individual who has completed a Course in Medicine, Dentistry, Pharmacy or Veterinary Medicine, based on a separate admission qualification evaluation.

#### **Article 26**

Regarding individuals who wish to enroll in the Doctoral Degree Program in Medicine, Dentistry or Pharmacy, the President, with the approval of the relevant Faculty Meeting, shall determine which individuals shall be accepted for enrollment based on the provisions stipulated by the relevant graduate school.

#### **Article 27**

The provisions stipulated in Article 21 shall apply *mutatis mutandis* to those individuals who wish to enroll in the Doctoral Course, the Doctoral Degree Program in Medicine, Dentistry or Pharmacy or the third year of the doctoral degree program in the Graduate School of Frontier Biosciences.

(Maximum Period of Enrollment)

#### **Article 28**

The maximum period of enrollment shall not exceed four (4) years for the master's degree program and the Master's Course, five (5) years for the Doctoral Course, six (6) years for the Doctoral Degree Program in Medicine, Dentistry or Pharmacy and the graduate law school program, and seven (7) years for the doctoral degree program in the Graduate School of Frontier Biosciences. However, for the Doctoral Course, Doctoral Degree Program in Medicine, Dentistry or Pharmacy, the doctoral degree program in the Graduate School of Frontier Biosciences and the graduate law school program only, the maximum period of enrollment may be extended in the case of extenuating circumstances, after consideration at a Faculty Meeting.

2. A student who exceeds the maximum period of enrollment stipulated in the preceding paragraph shall forfeit his or her student status.

(Start of Enrollment)

#### **Article 29**

Enrollment in graduate school shall commence at the beginning of the academic year. Enrollment may be permitted at the beginning of the Summer Term, Fall Term or Winter Term, provided that the Dean of the relevant graduate school deems that there is a special need and that doing so shall in no way impede education.

2. Regarding regulations on procedures for admission, approval and rescission of approval, voluntary withdrawal from the University and transfer, the provisions stipulated in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

3. Individuals who fall under one of the following categories and who have not paid the necessary enrollment fee by the required deadline shall forfeit their status:

- (1) Individuals who applied for exemption from the enrollment fee pursuant to the provision of Paragraph 1 of Article 38, and who were not approved for exemption or were approved for only a partial exemption.
- (2) Individuals being considered for deferred payment of enrollment fees pursuant to the provision of Article 38-2.

(Leave of Absence)

### **Article 30**

The period of a leave of absence must not exceed two (2) years for the master's degree program and the Master's Course, three (3) years for the Doctoral Course and the graduate law school program, four (4) years for the Doctoral Degree Program in Medicine, Dentistry or Pharmacy and five (5) years for the doctoral degree program in the Graduate School of Frontier Biosciences. However, the maximum period for a leave of absence may be extended in the case of extenuating circumstances, after consideration at a Faculty Meeting.

2. In addition to the preceding paragraph, for regulations regarding the leave of absence, the provisions stipulated in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

(Study Abroad)

### **Article 31**

A student who wishes to study at an overseas graduate school must make a request to the Dean of the relevant graduate school, and receive permission.

2. The period of studying abroad pursuant to the preceding paragraph shall be included in the calculation of the period of study as stipulated in Paragraphs 2, 3, 5 and 6 of Article 2.

(Transfer within the University)

### **Article 32**

A student who wishes to transfer to a different graduate school within the University or change department/division/course may be granted permission by the Dean of the relevant graduate school with the approval of a Faculty Meeting of the relevant graduate school based on the results of a screening process.

2. A student who wishes to readmit in the University or transfer to the University from a graduate school at another university or the United Nations University may be granted permission by the President with the approval of a Faculty Meeting of the relevant graduate school based on the results of a screening process.

3. Regarding transfers described in the preceding two paragraphs, determination of the number of credits granted for previously completed coursework and the period of enrollment shall be determined by the Dean of the relevant graduate school with the approval of a Faculty Meeting of the relevant graduate school.

## **Chapter 5: Required Withdrawal, Reinstatement and Disciplinary Action**

(Required Withdrawal, etc.)

### **Article 33**

Regarding regulations for required withdrawal, reinstatement and disciplinary action, the provisions stipulated in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

## **Chapter 6: Application Fees, Enrollment Fees and Tuition Fees**

(Payment of Application Fee)

### **Article 34**

Individuals who wish to enroll at the University must pay an application fee at the time that the application form is submitted. However, application fees shall not be levied on individuals who have completed the master's degree program or Master's Course in the graduate program of the University or the graduate law school program and who wish to enroll in the Doctoral Course, Doctoral Degree Program in Medicine, Dentistry or Pharmacy or the third year of the doctoral degree program in the Graduate School of Frontier Biosciences.

2. The provision stipulated in the preceding paragraph shall also apply *mutatis mutandis* to individuals who have completed a Master's Course, graduate law school course or graduate school of teacher education at a graduate school of Kanazawa University, Hamamatsu University School of Medicine, Chiba University or University of Fukui, and who wish to further enroll in the United Graduate School of Child Development, Osaka University, Kanazawa University, Hamamatsu University School of Medicine, Chiba University and University of Fukui.

(Payment of Enrollment Fee)

### **Article 35**

Individuals who are accepted for enrollment at the University must pay an enrollment fee by the designated deadline. However, enrollment fees shall not be levied on individuals who have completed the master's degree program or Master's Course in the graduate program of the University or the graduate law school program, and who wish to further enroll in the Doctoral Course, Doctoral Degree Program in Medicine, Dentistry or Pharmacy or the third year of the doctoral degree program in the Graduate School of Frontier Biosciences.

2. The provision stipulated in the preceding paragraph shall also apply *mutatis mutandis* to individuals who have completed a Master's Course, graduate law school course or graduate school of teacher education at a graduate school of Kanazawa University, Hamamatsu University School of Medicine, Chiba University or University of Fukui, and who wish to further enroll in the United Graduate School of Child Development, Osaka University, Kanazawa University, Hamamatsu University School of Medicine, Chiba University and University of Fukui.

(Payment of Tuition Fee)



**Article 36**

Graduate school students must pay the annual tuition fee in two equal installments, with half of the annual amount to be paid by the deadline for the first semester (April – September), and the second half to be paid by the deadline for the second semester (October – March).

2. Regarding the payment of tuition fees and payment in monthly installments, the provisions stipulated in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

(Amount of the Application Fee, Enrollment Fee and Tuition Fee)

**Article 37**

The amount of the application fee specified in Article 34, the enrollment fee specified in Article 35 and the tuition fee specified in Article 36 shall be stipulated in the Osaka University Student Fee Regulations (hereinafter referred to as “Fee Regulations”).

(Exemption from Application Fee)

**Article 37-2**

Regarding exemption from the application fee, the provisions stipulated in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

(Exemption from Enrollment Fee)

**Article 38**

An individual planning to enroll in the graduate program of the University (excluding individuals who will enroll as credited auditors, auditors and research students; the same applies to the remainder of this paragraph) who is recognized as having difficulty in paying the enrollment fee due to financial reasons or due to one of the extenuating circumstances listed below may be granted exemption from payment of all or part of the enrollment fee, pursuant to provisions stipulated separately.

- (1) Within one year prior to enrollment, the person responsible for the academic expenses of the enrolling individual (hereinafter referred to as “Academic Expense Payer”) has died, or the enrolling individual or Academic Expense Payer has suffered damage caused by storm, flood or other natural disaster.
- (2) There is another valid reason similar in substance to the reasons specified in the preceding paragraph, which the President deems appropriate.

2. In the event that an individual forfeits student status pursuant to the provision of Paragraph 3 of Article 29, the student may be granted exemption from payment of all or part of the enrollment fee.

**Article 38-2**

In addition to the provisions stipulated in the preceding Article, for other provisions regarding exemption from or deferred payment of the enrollment fee, the provisions stipulated in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

(Exemption from Payment of Tuition Fee)

### **Article 39**

Regarding exemption from or deferred payment of the tuition fee, the provisions stipulated in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

(Paid Application Fee, Enrollment Fee and Tuition Fee)

### **Article 39-2**

Application fees, enrollment fees and tuition fees that have already been paid shall not be refunded.

2. Notwithstanding the provision of the preceding paragraph, for individuals who wish to enroll in the graduate law school program pursuant to Paragraph 2 of Article 22, when application documents are screened (hereinafter referred to as “Stage 1 Screening”), and successful applicants from Stage 1 are evaluated in terms of academic capability or other additional factors (hereinafter referred to as “Stage 2 Screening”), the amount equivalent to the application fee for Stage 2 Screening as specified in Paragraph 5 of Article 2 of the Fee Regulations can be refunded upon request to individuals who failed to pass the Stage 1 Screening.

3. If, as stipulated in Paragraph 2 of Article 36, a student pays the second semester tuition fee together with the first semester tuition fee pursuant to Paragraph 2 of Article 46 of the Osaka University Undergraduate School Regulations *mutatis mutandis*, and then takes a leave of absence or voluntarily withdraws before the end of the first semester, an amount equivalent to the second semester tuition fee may be refunded when requested by the individual who made the payment.

## **Chapter 7: Enrollment Quota**

(Enrollment Quota)

### **Article 40**

The enrollment quota of the graduate program of the University shall be as shown in the Attachment.

## **Chapter 8: Special Research Students, Special Auditors, Credited Auditors, Auditors, Research Students and International Students**

(Special Research Students etc.)

### **Article 41**

The graduate program of the University shall establish a system for special research students, special auditors, credited auditors, auditors, research students and international students.

2. When a student enrolled in a curriculum offered in a graduate school at another university, at an overseas graduate school or at the United Nations University wishes to receive Research Guidance in the graduate program of the University or any of the University’s Research Institutes, Joint-Use Facilities, National Joint-Use Facilities or Immunology Frontier Research Center, the student may be approved for enrollment as a special research student by the Dean of the relevant graduate school or the director of the relevant research institute.

3. Regarding tuition fees and payment of tuition fees for special research students, the provisions for research students stipulated in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*. However, tuition fees shall not be levied when a special research student is a student of a graduate school at a national university, or is a student of a graduate school at a public or private university who is receiving Research Guidance under an inter-university special research student exchange agreement (including inter-faculty- exchange agreements) which specifies a mutual non-levying of tuition fees with the University.

4. The application fee and enrollment fee shall not be levied on special research students.

5. Regarding the required withdrawal of special research students, the provisions for research students stipulated in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

6. Regarding special auditors, credited auditors, auditors and research students, the relevant provisions regarding special auditors, credited auditors, auditors and research students in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

7. International students shall mean foreigners enrolled as graduate students, special research students, special auditors, credited auditors, auditors, and research students

8. Notwithstanding the provisions stipulated in Paragraphs 3, 6 and 7 above, application fees, enrollment fees and tuition fees shall not be levied on students who have enrolled under the Japanese Government Scholarship Student System Implementation Guidelines (Minister of Education decision, March 31, 1954) or individuals who enroll based on an inter-university academic exchange agreement (including inter-faculty exchange agreements) which specifies a mutual non-levying of application fees, enrollment fees and tuition fees between the University and an overseas university.

## **Chapter 9: Special Courses**

(Extension Programs)

### **Article 41-2**

Advanced Programs for Credited Auditors or other Extension Programs shall be established in the University as a special curriculum stipulated in Article 105 of the School Education Law for persons other than students of the University.

2. In addition to the provisions stipulated in the preceding paragraph, other matters necessary for each program stated in the preceding paragraph shall be stipulated separately.

## **Chapter 10: Academic Year, Semester System and Holidays**

(Academic Year etc.)

## **Article 42**

Regarding the academic year, semester system and holidays, the provisions stipulated in the Osaka University Undergraduate School Regulations shall apply *mutatis mutandis*.

## **Chapter 11: Organization of Academic Staff**

(Organization of Academic Staff)

### **Article 43**

Academic staff employed in the graduate program of the University shall be professors, associate professors, associate professors (lecturers) and assistant professors.

2. Education and research at the United Graduate School of Child Development, Osaka University, Kanazawa University, Hamamatsu University School of Medicine, Chiba University and University of Fukui shall be implemented through the cooperative efforts of Kanazawa University, Hamamatsu University School of Medicine, Chiba University, University of Fukui and the University.

## **Chapter 12: Graduate School Faculty Committee etc.**

(Graduate School Faculty Committee etc.)

### **Article 44**

A graduate school may establish a Graduate School Faculty Committee etc. in order to discuss in more detail any of the matters being discussed at a Faculty Meeting of the relevant graduate school.

2. The organization of the Graduate School Faculty Committee etc. shall be pursuant to the provisions of the relevant graduate school.

## **Chapter 13: Special provisions for an International Collaborative Department**

(Establishment of an International Collaborative Department)

### **Article 45**

A graduate school (hereinafter referred to as graduate schools excluding Osaka University Law School) may establish a department in collaboration with an overseas graduate school (hereinafter referred to as overseas graduate schools including the United Nations University), in order to achieve the educational aims of the program (hereinafter defined as an “International Collaborative Department”).

(Development of an International Collaborative Curriculum)

### **Article 46**

Notwithstanding the provisions stipulated in Article 5-3 and Paragraph 1 of Article 5-4, graduate schools establishing an International Collaborative Department may develop a curriculum (hereinafter defined as the “International Collaborative Curriculum”) with one or more overseas graduate school(s) which are collaborating in education and research at the International Collaborative Department (hereinafter referred to as “Overseas Partner Graduate School”). In that

case, subjects offered by said Overseas Partner Graduate School are deemed as part of curriculum of said graduate school at Osaka University.

(Jointly Offered Subject)

#### **Article 47**

Notwithstanding the provision stipulated in Article 5-3 and Paragraph 1 of Article 5-4, a graduate school establishing an International Collaborative Department may offer the subjects collaborating with the Partner Overseas Graduate School.

2. For graduate schools establishing an International Collaborative Department which offers subjects stipulated in the preceding paragraph (hereinafter referred to as “Jointly Offered Subject”), credits acquired by completing said Jointly Offered Subject by students in said International Collaborative Department may be regarded as credits acquired at said graduate school at Osaka University or said Overseas Partner Graduate School, provided that the number of credits shall be five (5) or less. However, when the number of credits acquired at the Overseas Partner Graduate School is less than the required number of credits to be acquired at the Overseas Partner Graduate School stipulated in the provisions of Paragraphs 1 and 2 of Article 49, credits acquired by completing a Jointly Offered Subject may not be regarded as credits acquired at the Overseas Partner Graduate School.

(Recognition, etc. of Credits regarding International Collaborative Curriculum(s))

#### **Article 48**

A graduate school establishing an International Collaborative Department may recognize credits acquired for coursework completed under the International Collaborative Curriculum at an Overseas Partner Graduate School as acquired credits for completed coursework under said International Collaborative Curriculum at Osaka University.

2. A graduate school establishing an International Collaborative Department may recognize Research Guidance received under the International Collaborative Curriculum at the Overseas Partner Graduate School as Research Guidance under said International Collaborative Curriculum at Osaka University.

(Requirements for Completion of International Collaborative Department)

#### **Article 49**

The requirements for the completion of International Collaborative Department shall be acquisition of at least fifteen (15) credits of coursework under International Collaborative Curriculum at a graduate school establishing an International Collaborative Department and at least ten (10) credits of coursework under said International Collaborative Curriculum at the Overseas Partner Graduate School, in addition to the requirements for the completion prescribed in Paragraphs 1 of Article 15 for the master’s degree program or the Master's Course, Paragraphs 4 and 5 of Article 15 for the doctoral degree program (excluding the Doctoral Degree Program in Medicine, Dentistry or Pharmacy), and Paragraph 6 of Article 15 for Doctoral Degree Program in Medicine, Dentistry or Pharmacy, respectively.

2. The required number of credits to be acquired by completing coursework under the International Collaborative Curriculum at a graduate school establishing an International Collaborative Department and respective Overseas Partner Graduate School, shall not include credits that may be recognized as acquired credits in accordance with Article 8, Article 8-2, and Paragraph 1 of the preceding Article. However, this shall not apply to credits that may be recognized as acquired in accordance with Article 8-2, when deemed particularly necessary for organizing and implementing the International Collaborative Curriculum.

(Tuition Fees, etc. for International Collaborative Department students)

#### **Article 50**

Notwithstanding the provisions stipulated in Paragraph 1 of Articles 34, 35 and 36, International Collaborative Department students who primarily enrolled in the Overseas Partner Graduate School shall not be charged application fees, enrollment fees, or tuition fees by Osaka University.

(Other Matters)

#### **Article 51**

In addition to these regulations, the following matters related to an International Collaborative Department shall be stipulated separately, based on discussions with the graduate school establishing an International Collaborative Department and an Overseas Partner Graduate School.

- (1) Curriculum development
- (2) Creation of an educational organization
- (3) Admission and degree conferment
- (4) Enrollment management and student safety
- (5) Financial and student support
- (6) Evaluation of educational and research activities
- (7) Other matters concerning an International Collaborative Department

#### **Supplementary Provisions**

The Osaka University Graduate School Regulations as amended shall come into effect on April 1, 2021.

#### Attachment 1: Enrollment quota

| Graduate school | Department/Division/Course | Master's degree program;<br>Master's Course; and<br>graduate law school<br>program | Doctoral Course;<br>Doctoral Degree<br>Program in<br>Medicine,<br>Dentistry, or<br>Pharmacy; and<br>doctoral degree<br>program in<br>Graduate School of | Enrollment<br>quota |
|-----------------|----------------------------|--|---|---------------------|
|                 |                            |  |   |                     |

|                         |   |                     |                  | Frontier Biosciences |                  |            |
|-------------------------|---|---------------------|------------------|----------------------|------------------|------------|
|                         |   | Enrollment per year | Enrollment quota | Enrollment per year  | Enrollment quota |            |
| Letters                 | Studies on Cultural Forms                 | 38                  | 76               | 20                   | 60               | 311        |
|                         | Studies on Cultural Expressions           | 37                  | 74               | 21                   | 63               |            |
|                         | Studies on Cultural Dynamics              | 19                  | 38               | -                    | -                |            |
|                         | Total                                     | 94                  | 188              | 41                   | 123              |            |
| Human Sciences          | Human Sciences                            | 89                  | 159              | 42                   | 126              | 304        |
|                         | Total                                     | 89                  | 159              | 42                   | 126              |            |
| Law and Politics        | Law and Political Science                 | 35                  | 70               | 12                   | 36               | 106        |
|                         | Total                                     | 35                  | 70               | 12                   | 36               |            |
| Economics               | Economics                                 | 50                  | 100              | 20                   | 60               | 241        |
|                         | Business and Management                   | 33                  | 66               | 5                    | 15               |            |
|                         | Total                                     | 83                  | 166              | 25                   | 75               |            |
| Science                 | Mathematics                               | 32                  | 64               | 16                   | 48               | 910        |
|                         | Physics                                   | 68                  | 136              | 33                   | 99               |            |
|                         | Chemistry                                 | 60                  | 120              | 30                   | 90               |            |
|                         | Biological Sciences                       | 54                  | 108              | 23                   | 69               |            |
|                         | Macromolecular Science                    | 24                  | 48               | 11                   | 33               |            |
|                         | Earth and Space Science                   | 28                  | 56               | 13                   | 39               |            |
|                         | Total                                     | 266                 | 532              | 126                  | 378              |            |
| Medicine                | Medicine                                  | -                   | -                | 172                  | 688              | 959        |
|                         | Medical Sciences                          | 20                  | 40               | -                    | -                |            |
|                         | Health Sciences                           | 81                  | 162              | 23                   | 69               |            |
|                         | Total                                     | 101                 | 202              | 195                  | 757              |            |
| Dentistry               | Oral Science                              |                     |                  | 40                   | <u>175</u>       | <u>175</u> |
|                         | Total                                     |                     |                  | 40                   | <u>175</u>       |            |
| Pharmaceutical Sciences | Advanced Pharmacoscience                  | 75                  | 150              | 20                   | 60               | 250        |
|                         | Medical Pharmacy                          | -                   | -                | 10                   | 40               |            |
|                         | Total                                     | 75                  | 150              | 30                   | 100              |            |
| Engineering             | Biotechnology                             | 63                  | <u>126</u>       | 12                   | <u>24</u>        |            |
|                         | Applied Chemistry                         | 97                  | <u>194</u>       | 26                   | <u>52</u>        |            |
|                         | Precision Engineering and Applied Physics | 72                  | <u>144</u>       | 19                   | <u>38</u>        |            |
|                         | Mechanical Engineering                    | 96                  | <u>192</u>       | 23                   | <u>46</u>        |            |
|                         | Materials and Manufacturing Science       | 118                 | <u>236</u>       | 31                   | <u>62</u>        |            |

|   |   |            |              |     |            |              |
|---|---|------------|--------------|-----|------------|--------------|
|   | Electrical, Electronic and Infocommunications Engineering | 141        | <u>282</u>   | 30  | <u>60</u>  | <u>2,017</u> |
|   | Sustainable Energy and Environmental Engineering          | 82         | <u>164</u>   | 16  | <u>32</u>  |              |
|   | Global Architecture,                                      | 104        | <u>208</u>   | 23  | 69         |              |
|   | Management of Industry and Technology                     | 38         | <u>76</u>    | 4   | 12         |              |
|   | Total   | 811        | <u>1,622</u> | 184 | <u>395</u> |              |
| Engineering Science                         | Materials Engineering Science                             | 113        | 226          | 31  | 93         | 744          |
|   | Mechanical Science and Bioengineering                     | 59         | 118          | 15  | 45         |              |
|   | Systems Innovation  | 95         | 190          | 24  | 72         |              |
|   | Total   | 267        | 534          | 70  | 210        |              |
| Language and Culture                        | Language and Culture                                      | 32         | 64           | 15  | 45         | 218          |
|   | Language and Society                                      | 25         | 50           | 8   | 24         |              |
|   | Japanese Language and Culture                             | 10         | 20           | 5   | 15         |              |
|   | Total   | 67         | 134          | 28  | 84         |              |
| Osaka School of International Public Policy | International Public Policy                               | 19         | 38           | 11  | 33         | 133          |
|   | Comparative Public Policy                                 | 16         | 32           | 10  | 30         |              |
|   | Total   | 35         | 70           | 21  | 63         |              |
| Information Science and Technology          | Pure and Applied Mathematics                              | 12         | 24           | 5   | 15         | <u>412</u>   |
|   | Information and Physical Sciences                         | <u>20</u>  | <u>34</u>    | 5   | 15         |              |
|   | Computer Science  | <u>26</u>  | <u>46</u>    | 6   | 18         |              |
|   | Information Systems Engineering                           | <u>26</u>  | <u>46</u>    | 7   | 21         |              |
|   | Information Networking                                    | <u>26</u>  | <u>46</u>    | 7   | 21         |              |
|   | Multimedia Engineering                                    | <u>26</u>  | <u>46</u>    | 7   | 21         |              |
|   | Bioinformatic Engineering                                 | <u>24</u>  | <u>41</u>    | 6   | 18         |              |
|   | Total   | <u>160</u> | <u>283</u>   | 43  | 129        |              |
| Frontier Biosciences                        | Frontier Biosciences                                      |            |              | 55  | 275        | 275          |
|   | Total   |            |              | 55  | 275        |              |
| Osaka University Law School                 | Legal Practice  | 80         | 240          |     |            | 240          |
|   | Total   | 80         | 240          |     |            |              |
| United Graduate School of                   | Child Development   |            |              | 15  | 45         | 45           |
|   | Total   |            |              | 15  | 45         |              |



|  |  |              |              |     |              |              |
|--|--|--------------|--------------|-----|--------------|--------------|
| Child<br>Developme<br>nt, Osaka<br>University,<br>Kanazawa<br>University,<br>Hamamatsu<br>University<br>School of<br>Medicine,<br>Chiba<br>University<br>and<br>University<br>of Fukui |  |              |              |     |              |              |
| Total  |  | <u>2,163</u> | <u>4,369</u> | 927 | <u>2,971</u> | <u>7,340</u> |