

### **III Registration for General Foundation Subjects (Common Foundation Subjects and Specific Foundation Subjects)**



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#### Common Foundation Subjects

Common Foundation Subjects consist of five categories of courses: Multidisciplinary Subjects, Physical Education, Foreign Languages (i.e., English, The Second Foreign Languages, Japanese), Information Literacy, and Art. Each course objective is stated below. For information on how to register for Common Foundation Subjects, please refer to the following pages.

#### **Objectives**

<p>Multidisciplinary Subjects (Exclude College of Biological Science)</p>	<p><i>Multidisciplinary Subjects I</i> helps first-year students adapt to new learning environments and to autonomously start setting their career goals.</p> <p><i>Multidisciplinary Subjects II</i> focuses on a broader view of what academia and human life ought to be. By learning a wide range of academic subjects in addition to his or her major fields, the student is expected to generate an interest in lifelong learning.</p> <p><i>Multidisciplinary Subjects III</i> Based on Fundamental Education for Major, for Freshman year students and sophomore year students, and Specialized Education for sophomore year students and junior year students, cultivate a wide view for social contribution, methodical way of seeing, internationalism, and adaptive skills.</p>
<p>Multidisciplinary Subjects (Only for College of Biological Science)</p>	<p><i>Multidisciplinary Subjects</i> help first-year students adapt to new learning environments and to autonomously start setting their career goals. Furthermore, it will prepare a solid intellectual foundation to advance to specialized fields by thinking about the way of learning and relation with oneself from a wide variety of viewpoints.</p>
<p>Physical Education</p>	<p><i>Physical Education</i> encourages students to undertake the lifelong development of sports techniques; learn knowledge and practical approaches for maintenance and improvement of health and physical strength; embody the spirit of fair play as a member of society; and understand other perspectives and communication skills. In order to foster a sound body, spiritual wealth, and strong frame of mind, students engage in a variety of practical exercises based on sports science.</p>
<p>Foreign Languages</p>	<p><i>Foreign Languages</i> aims to help students develop the practical ability to use foreign languages in scholarly research settings through fostering academic intelligence and the commensurate linguistic skills. As students improve their linguistic awareness by learning multiple languages, they also become aware of cultural, social and conceptual diversities, and learn to become multidimensional thinkers in the world.</p>
<p>Information Literacy</p>	<p><i>Information Literacy</i> aims to help students to understand the basic concepts of information and computers and their position in society, and learn the rules and ethics of the Internet society. It also helps students to understand the basic concepts of data collection, management, and analysis, and develop their ability to make objective decisions based on the data.</p>
<p>Art</p>	<p><i>Art</i> provides opportunities for students to acquire broad artistic knowledge, sharpen his or her aesthetic sensitivities, and obtain pleasure from art as self-expression. <i>Art</i> encourages students to develop a rich and balanced sense of humanity appropriate for students studying at a comprehensive academic university.</p>

## 1 Multidisciplinary Subjects : Exclude College of Biological Science

### (1) Framework for Multidisciplinary Subjects

(a) Multidisciplinary Subjects I include *Freshman Seminar* and *Introductory Subjects* specifically offered for the first year of admission. *Freshman Seminar* is intended for 20 to 30 students per class. *Introductory Subjects* is divided into two types of Subjects: subjects for all students and subjects for specific School/College students.

(b) Multidisciplinary Subjects II offered to all students consists of three types of subjects as below.

(i) Subject Type A

Multidisciplinary subjects related to materials sciences, mathematical sciences, and life and environmental sciences (mainly focused on topics in the sciences).

(ii) Subject Type B

Multidisciplinary subjects related to philosophy, culture, social studies, and history (mainly focused on topics in the humanities).

(iii) Subject Type C

Multidisciplinary subjects comprehensively related to both Subject Type A and B

(c) Multidisciplinary Subjects III offered to all students consists of four types of subjects as below.

(i) Subject Type D

Multidisciplinary subjects related to materials sciences, mathematical sciences, and life and environmental sciences (Advanced Level Subjects of Multidisciplinary Subjects II, Subject Type A)

(ii) Subject Type E

Multidisciplinary subjects related to philosophy, culture, social studies, and history (Advanced Level Subjects of Multidisciplinary Subjects II, Subject Type B)

(iii) Subject Type F

Multidisciplinary subjects comprehensively related to both Subject Type D and E (Advanced Level Subjects of Multidisciplinary Subjects II, Subject Type C)

(iv) Subject Type G

Multidisciplinary subjects related to generic abilities (Advanced Level Subjects of Multidisciplinary Subjects I)

### (2) Number of Credits Required for Graduation and Standard Academic Year for Registration

For Multidisciplinary Subjects I, II and III, the number of required credits and the standard academic year for registration are as follows.

		Standard Academic Year for Registration	Required Courses	Free Electives Counted toward Graduation
All English Programs	Multidisciplinary Subjects I	1	2	Applicable
	Multidisciplinary Subjects II	1 – 2	5	Applicable
	Multidisciplinary Subjects III	3 – 4	1	Applicable

(a) For Multidisciplinary Subjects I, students must earn a total of 2 credits from *Freshman Seminar* and *Introductory Subjects* (1 credit each). *Introductory Subjects* is individually assigned by each College.

- (b) For Multidisciplinary Subjects II, students must earn a total of more than 5 credits among Subject Type A, B, and C.
- (c) For Multidisciplinary Subjects III, students must earn a total of more than 1 credit from Subject Type D, E, F or G.
- (d) Within the number of credits required for graduation, students can register for Multidisciplinary Subjects, excluding *Freshman Seminar*, as Free Electives.
- (e) In the case that students register for Multidisciplinary Subjects as Free Electives counting towards graduation requirements, the “standard academic year for registration” on the list above does not apply.

### **(3) Course Schedule**

Class periods assigned to Multidisciplinary Subjects I vary according to the subjects.

Multidisciplinary Subjects I, excluding *Freshman Seminar* and subjects designated by Colleges, are scheduled in the first, second, fifth and sixth periods on Mondays, the sixth period on Wednesdays and Thursdays, and as intensive courses.

Multidisciplinary Subjects II are scheduled in the first and second class periods on Mondays. Please follow the instructions of each School or College to register for the courses. Schedules of Multidisciplinary Subjects III are not fixed.

### **(4) Reminder for Course Registration**

#### **(a) Selection of Subjects for Multidisciplinary Subjects I**

In the English program, each School and College individually appoints a course list for Multidisciplinary Subjects I as required courses (2 credits), so please be especially cautious during course registration.

#### **(b) Student Capacity Coordination for Multidisciplinary Subjects**

A limit on the number of students allowed to take each course is set in order to prevent oversized courses and to improve educational quality. In cases of over-capacity, instructors will make adjustments to give priority to freshman year students in Multidisciplinary Subjects II, and senior year students in Multidisciplinary Subjects III. In such cases, notices will be posted on the bulletin boards.

#### **(c) Change of Classrooms for Multidisciplinary Subjects**

Classrooms are subject to change in order to accommodate the number of students taking the classes. Classrooms printed in the Course Catalogue and Syllabi are tentative, so please visit each Academic Service Office to check for any changes on the bulletin boards.

#### **(d) For more details about Multidisciplinary Subjects, please refer to the Course Catalogue and Syllabi (separate booklet).**

**Multidisciplinary Subjects : Only for College of Biological Science**

**(1) Framework for Multidisciplinary Subjects**

Multidisciplinary Subjects offer the following subjects.

(a) Freshman Seminar

The course is designed for the freshmen to adapt the educational system and campus life at the university smoothly, also acquires the study goals, motives and to establish oneself autonomously.

(b) Invitation to Arts and Science

This is a course that explains the formation, spread, and development of the field of study in a university, and the relationship with other studies from specific problems. In addition, it will lead to more understanding the significance of the specializations we intend to major in and the positioning of these specializations in the college and school.

(c) Multidisciplinary Subjects for the Undergraduate Degrees

It is a group of subjects that consider various ways of thinking and living in society and the world, to strengthen the student's motivation to their own study at the university from a broad perspective. By taking this course, students will be able to prepare their own academic foundation. This group of subjects includes those contents such as deepening of thinking about learning, career-supporting, cross-cutting contents, promoting self-analysis and self-establishment, cultivating the adaptability to social life.

**(2) Number of Credits Required for Graduation and Standard Academic Year for Registration**

In Multidisciplinary subjects, students must obtain 3 credits or more in sum, 1 credit from "Freshman Seminar", 1 credit from "Invitation to Art and Science", 1 credit or more from " Multidisciplinary Subjects for the Undergraduate Degrees ".

Freshman Seminar 1credit (required)	Invitation to Arts and Science 1credit (required)	Multidisciplinary Subjects for the Undergraduate Degrees More than 1credit (required)※
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※As a choice of graduation requirements elective or free subjects, there are school and college that can take a certain number of credits. Be sure to check the course regulations of each college or school to see if it can be taken as a graduation requirement.

**(3) Course Schedule**

"The Freshman seminar" is set up to the timetable for each school and college (refer to the fixed timetable of "the Course Catalog"), "Invitation to Arts and Science" is set up for Spring A module Wednesday, 5, 6 period. "Multidisciplinary Subjects for the Undergraduate Degrees" is not fixed timetables.

Please select and take courses according to the guidance given in each school or college.

**(4) Reminder for Course Registration**

(a) Student Capacity Coordination for Multidisciplinary Subjects for the Undergraduate Degrees

In order to eliminate large class subjects and enhance education, an upper limit is set for the number of students in each subject. This course is required the Pre-registration. If the number of applicants exceeds the maximum number of enrollment, the student number will be adjusted. Please be sure to check the result of the adjustment with TWINS before the class starts. For more detail, please refer to “Course Catalog” (reprinted).

(b) Change of classrooms of the Multidisciplinary Subjects

As the number of classrooms that can accommodate a large number is limited, we may change classrooms according to the number of students. Regarding the change of the classroom, we will post it to the Web bulletin board. Please make sure to check it before attending the course.

## 2 Physical Education

### (1) Framework for Physical Education

Course Structure		Course Overview
Required Courses	Practical Exercises For Freshman year	Students must take Fall semester courses, 0.5 credits and also Wellness Sport as an intensive practical exercise, 0.5 credits. This way, they will receive 1 credit in total. Wellness Sport will be scheduled at the C module in Fall semester at the same academic year.
	Practical Exercises (Year-long) For Sophomore year	Students in each academic year, year-long courses, 1 credit.
Core or Free Electives	Practical Exercises (Year-long)	Annual course schedule, year-long courses, 1 credit
	Intensive Practical Exercises	On- or off-campus courses for all students, 0.5-1 credits
	Lectures	Fixed course schedule, semester-based or year-long courses
	Course Exercises	

Note: Free Electives: All students are free to choose from a wide variety of optional courses.

### (2) Credits and Student Academic Years for Registration

Students must earn 2 credits from Required Physical Education Courses.

	Required Courses		Core or Free Electives Counted toward Graduation
	Credits	Standard Academic Year for Registration	
All English Programs	2	1 – 2	Applicable

### (3) Reminder for Course Registration

(a) Students must take 1 credit per year from Physical Education. If students fail to do so, they will need to earn at least 2 Physical Education credits in the following year. In this case, students must register for Physical Education from among the required courses.

(b) Free Electives in Physical Education cannot be counted as Required Courses.

(c) Students' preferences for course choices are considered as first priority. However, because of limitations on course capacities, there is no guarantee that students will be able to register for their first choice. Please refer to the Course Catalogue and Syllabi to determine which courses you would like to take.

(d) Orientation and Course Registration:

When taking Physical Education courses, students must attend the prescribed orientations given by the Sport and Physical Education Center. This center conducts orientations separately for each course. Some required courses are in the form of year-long practical exercises. In these cases, students must attend the orientations for the first week in Fall semester in 1<sup>st</sup> year, and in Spring semester in their 2<sup>nd</sup> year.

(e) Course Registration for Students Admitted in the Fall Semester

Students admitted in the Fall Semester must take practical exercise required courses (0.5 credits) in

the Fall Semester during their 1<sup>st</sup> year. In addition, they must take intensive practical required exercise courses (0.5 credits). Thus, they will receive 1 credit in total. Classes to be taken after the 2<sup>nd</sup> year will be the same as those of other students.

(f) Registration for Trim Action Courses

Trim Action Courses are recommended for students who need special support for practical exercises due to illness or injury.

(g) Other

Some courses may require students to pay additional fees.

### 3 Foreign Languages

#### (1) Definition and Classification of Courses

(a) The University of Tsukuba defines languages other than the first language (i.e., mother tongue) of the student as “foreign languages”; therefore, the courses for such the nonnative languages are offered as foreign language courses for Common Foundation Subjects.

(b) The University of Tsukuba classifies foreign language courses into three types: 1) “the first foreign language” classified as a required course by all Colleges and the School of Medical Sciences; 2) “the second foreign language” that is discretionarily offered as Required Courses, Core Electives, or Free Electives by each College and the School of Medical Sciences; and 3) Japanese as a Second Language for international students, etc. that is discretionarily offered as Required Courses, Core Electives, or Free Electives by each College and the School of Medical Sciences.

(c) As for Program Required Courses, all Colleges and the School of Medical Sciences that offer an English Program specify Japanese as the first foreign language and English as the second foreign language. In the case that Japanese or English is the student’s first language, the University of Tsukuba adopts educational measures for the students to select other (nonnative) languages and take substitute courses.

#### (2) Foreign Languages Offered

##### (a) Foreign Language Courses offered in English for 2019 (Mainly Offered to English Program Students)

Japanese	Japanese 101 – 401, Japanese 102 – 402
English	English Critical Reading Strategies I - II, English Intercultural Communication I - II, English Integrated Skills I - II
German	German A I – C I and German A II - C II

##### (b) Foreign Language Courses offered in Japanese (Offered to All Students)

A variety of foreign language courses are offered instructed in Japanese, such as English, German, French, Spanish, Russian, Chinese, and Korean. These courses are available to English Program students under the condition of Japanese proficiency.

#### (3) Number of Credits Required for Graduation

(a) As for the first and second foreign languages, the number of credits required for graduation from the English Program is as follows (Japanese language classes for English Program account for 2 credits per course):

	First Foreign Language		Second Foreign Language	
	Credits	Language	Credits	Language
All English Programs	4.0	Japanese	Depends on each school and college.	

(b) Students whose first language is Japanese or English must take foreign language courses in accordance with the registration guidance offered by each School and College, as described above in Section(1) Definition and Classification of Courses’.

(c) In the case that a student has near-native proficiency in Japanese or English as the result of having completed his or her secondary education in Japanese or English during a study abroad, or other circumstances, the student must inform the College Chair or the School Dean of his/her current language skills, and plan course registration in accordance with the Chair’s or Dean’s instructions.

(d) After having completed the required Foreign Language Courses, students can register for additional foreign language courses as Free Electives in the established range of graduation requirements. As for the maximum limit of credits approval, please see the page for the course registration criteria.

#### **(4) Notes on Course Registration**

##### **(a) Course Placement**

Students registering for Japanese language courses will be assigned to the class of their appropriate level based on their performance on a placement test taken before coming to Japan, cf. Letter sent to the students by the respective Administrative Support Offices. Students may not take classes at a level other than that assigned. The details of course placement will be announced afterward.

##### **(b) Exceptional Measure for Course Registration of Foreign Languages**

In the case that students meet the proficiency criteria for foreign languages, as proved by the results of course placement examination, qualification examinations, and so forth, all or part of the required Foreign Language Courses may be substituted with other courses from the list of General Foundation Subjects.

Each School and College sets the standards for course registration and offers registration guidance, so please follow their instructions.

##### **(c) Retaking Courses**

Students who fail to earn credits must retake the same language courses. When retaking courses, students must obtain the approval of Course Instructors.

#### 4 Information Literacy

##### (1) Structure of "Information Literacy" and Acquisition Unit

As a compulsory subject, 4 credits of "Information Literacy" consist of 1 credit for Information literacy (Lectures), 1 credit of Information Literacy (Exercises) and 2 credits for Data Science.

□Composition of "Information Literacy" and the number of credits

Subject	Course Name	Credits	Credits in Total	Course Number	Standard Academic Year for Registration			
					1	2	3	4
Information Literacy	Information Literacy (Lectures)	1	4	6190101	○			
	Information Literacy (Exercises)	1		6490102	○			
	Data Science	2		6590102	○			

##### (2) Notes on the course

- (i) In principle, "Information Literacy" is a subject to be taken in the first year.
- (ii) "Information Literacy (Exercises)" and "Data Science" will be conducted in rooms where entry control devices are installed. Students should bring their student ID, needed in order to enter these rooms.

## **5 Art**

### **(1) Course Objectives**

It is the nature of all human beings to feel, express, and share beauty. Yet, aesthetic standards and qualities vary depending on educational opportunities and experiences. Art is considered to be a crucial part of a liberal arts program at universities around the world. However, this has not been the case in universities here in Japan. A sense of balance and ability for self-expression gained through an art education becomes almost indispensable in terms of developing harmonious and sustainable societies. Since its foundation, the University of Tsukuba's academic programs in art have played a leading role in the art field in Japan and have produced many distinguished art experts. The University continues to further develop this tradition by providing excellent academic courses in Art. The School of Art and Design offers courses to inspire students to understand cultural activities, acquire skills in art appreciation, and foster active participation in the realm of art across a wide range, including, Aesthetics, Fine Arts, and Communication Art and Design.

### **(2) Course Overview**

The School of Art and Design offers courses from the programs listed below. Course structures include lectures, workshops, and practical training.

Lecture and Excursion: Art Tour

Workshops on Oil Painting

Workshops on Japanese-style Painting

Workshops on Sculpture

Workshops on Sho-Calligraphy A, B, C

Introduction to Contemporary Art

Workshops on Picture Book

### **(3) Reminder for Course Registration**

- (i) In order to improve educational quality, Art Courses involving workshops and practical training limit the number of students for each course. Therefore, course instructors may adjust the number of students in order to avoid overcrowding.
- (ii) Some classes which involve practical training may require students to obtain special insurance.