



Junior Year at Tsukuba Program 2020 > 2021



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2020-2021 Academic Calendar

Each Semester consists of Module A, B&C, and each module has five weeks.

Classes Begin	6 Apri
Final Exams (Module A&B)	29 June – 3 July
Final Exams (Module A, B&C)	3 August – 7 Augus
(Summer Recess 8 August – 30 September)	
Fall Semester (October – March)	
Classes Begin	1 Octobe
Final Exams (Module A&B)	22 December – 28 Decembe
(Winter Recess 29 December – 5 January)	
Final Exams (Module A, B&C)	4 February – 15 February
(Spring Recess 17 February – 31 March)	

Message from the President

Kyosuke NAGATA President, University of Tsukuba

In today's increasingly competitive world with its rapid economic and political changes, it is extremely important for the international community to foster mutual understanding among peoples of different countries.

Offering courses in English since its beginning in 1995, our Junior Year at Tsukuba Program (JTP) has hosted hundreds of international students who have been eager to study in Japan. It is not necessary for you to be fluent in Japanese to participate in the program, and yet you can take great advantage of cultural and academic opportunities that are unavailable at your home university.

In order to assist you with your study of the Japanese language, culture, science, and technology, the JTP currently offers a variety of courses in English. And when your Japanese becomes well advanced through our Japanese language program, you are encouraged to take regular courses with Japanese students. Then your choice of courses will be enormous. I would like to extend these benefits to you. I look forward to welcoming you to Tsukuba.

Sincerely,

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University of Tsukuba and Tsukuba Science City

University of Tsukuba - An Overview

The predecessor of the University of Tsukuba, the Tokyo University of Education, enjoyed a long tradition of excellence. In order to relocate a number of national research and educational institutions from the overcrowded Tokyo metropolitan area to the Tsukuba area, a bill was passed in 1967 by the national government creating the Tsukuba Science City. Our goal was set to create a new, innovative model for higher education in Japan. As part of this relocation plan, the Tokyo University of Education reorganized its departments, created new colleges, and moved to its present location, becoming the University of Tsukuba in October 1973.

Today, the University of Tsukuba enrolls about 10,000 undergraduate students and about 6,700 graduate students each year and employs over 4,000 staff members.

There are 25 colleges in the undergraduate level and 3 graduate schools and 6 degree programs in the graduate level. The doctoral programs are divided into the following three types, depending on the graduate school, some graduate programs are 5-year consecutive programs that are not divided into separate masters and doctoral programs (four years in case of medicine), some other programs are divided into a 2-year master's program and 3-year doctoral program, while some doctoral programs are 3-year programs only. Major areas of study include humanities, social sciences, natural sciences, engineering, business, medicine, arts, physical education, and library science.

an expansion of multidisciplinary degree programs by establishing a central headquarter, the School of Integrative and Global Majors (SIGMA), headed by the Vice President of Education. The aim of SIGMA is to direct and administer undergraduate and graduate multidisciplinary degree programs.

Since its establishment, the University of Tsukuba has been strongly committed to contributing to the international community through research and education. It has also been very active in academic exchanges of students and scholars from foreign institutions. Currently over 100 different countries are represented by a population of about

2,500 international students. The University of Tsukuba's international reputation for academic excellence and state-of-the-art resources and facilities attracts students and scholars from all over the world.

The Setting

The University of Tsukuba is located approximately 60 km (38 miles) northeast of Tokyo and 50 km (31 miles) from Narita International Airport. There are bus services connecting the Tsukuba Bus Terminal with downtown Tokyo (one hour), and the Tsukuba Express runs between Tsukuba and Akihabara, Tokyo (45 minutes). The University of Tsukuba is also easily accessible by a 60-minutes bus ride from Narita International Airport, 120-minutes minute bus ride from Haneda Airport, and 60-minutes bus ride from Ibaraki Airport.

The University of Tsukuba is situated in the midst of Tsukuba Science City, in which 25 public research institutions and over 100 private ones are located. Very active in both research and education, the city is dedicated to unifying the efforts of academia, industry, and government to play an important role in the international community.

Although advanced in the field of science and technology, Tsukuba Science City is also surrounded by peaceful rice paddies and rich forests. Once you step outside the city, you can thoroughly enjoy Japan's beautiful and scenic countryside. The city also offers a great variety of cultural and recreational attractions that ranges from summer festivals to concerts. And Tokyo, the nation's capital, hosts a myriad of events and festivals throughout the year. Japan has four distinct seasons. Summer (June to August) temperatures in Tsukuba are warm to hot, averaging 23°C (72° F). Spring (March to May) and fall (September to November) are generally cool and dry. Winter (December to February) is fairly cold with temperatures averaging approximately 6°C (43°F)

International Exchange

Exchange Partners

As of June 2020, the University of Tsukuba has established academic exchange agreements with universities and institutions in different countries and regions from all over the world. In 2019, we have welcomed more than 350 exchange students.

ASIA

Bangladesh

- Bangladesh Agricultural University
- Bangladesh University of Engineering and Technology
- International Centre for Diarrhoeal Disease Research

Brunei

Universiti Brunei Darussalam

Cambodia

Royal University of AgricultureRoyal University of Phnom Penh

China

- Beihang University
- Beijing Normal University
- Central China Normal University
- China Academy of Art
- China Institute of Atomic Emergy
- China University of Geosciences
- Chinese University of Hong Kong
- Dalian Minzu University
- Dalian University
- East China Normal University
- Fudan University
- Fujian Normal University
- Hebei Agricultural University
- Hong Kong Polytechnic University
- Hunan University

- Inner Mongolia Academy of Agricultural & Animal Husbandry Sciences
- Institute of Geographic Sciences
- and Natural Resources
- Jiangnan University
- Jilin University
- Lanzhou University
- Nanjing Agricultural University
- Nankai University
- Northeast Normal University
- Northeastem University
- Northwest A & F University
- Peking University
- Renmin University of China
- Shanghai International Studies University
- Shanghai Library
- Sichuan University
- Soochow University
- The Central Academy of Fine Arts
- The Hong kong University of Science and Technology
- Tongji University
- Tsinghua University
- University of Macau
- University of Science and Technology of China
- Xi'an International Studies University
- Xiamen University
- Xi'an Jiaotong University
- Zhejiang University
- Zhejiang University of Science and Technology
- Zhengzhou University

India

- Jawaharlal Nehru University
- Manav Rachna International University
- University of Hyderabad
- University of Madras
- Sports Aurhority of India , SAI

Indonesia

- Bandung Institute of TechnologyBinus University
- Bogor Agricultural University
- Gadjah Mada University
- Indonesia University of Education
- Indonesian Consortium of Biomedical Science, KIBI
- Padjadjaran University
- The Coordinating Ministry for Maritime Affairs
- Udayana University
- Universitas Indonesia
- Universitas Airlangga
- University of Riau

Korea

- Chungnam National University
- Daegu University
- Ewha Womans University
- Hankuk University of Foreign Studies
- Hanyang University
- Hongik University
- Inha University
- KAIST
- Keimyung University
- Korea University
- Korean National University of Education
- Kyung Hee University
- Pusan National University
- Seoul National University
- University of Seoul
- Yonsei University

Laos

National University of Laos

Malaysia

- Universiti Kebangsaan Malaysia
- Universiti Putra Malaysia

- ●Universiti Teknologi Malaysia ★CiC
- Universiti Utara Malaysia
- University of Malaya

Mongolia

- Hustai National Park
- Mongolian National University of Medical Sciences
- Mongolian University of Life Sciences
- National University of Mongolia

Myanmar

- Pathein University
- Ministry of Education, Department of Monitoring and Evaluation

Philippines

- Central Bicol State University of Agriculture
- Central Luzon State University
- De La Salle University
- University of the Philippines
- University of St. La Salle

Taiwan

- Fu Jen Catholic University
- Kaohsiung Medical University
- National Changhua University of Education
- National Chayi University
- National Cheng Kung University
- National Chengchi University
- National Chiao Tung University
- National Pingtung University of Science and Technology
- National Taipei University
- National Taiwan Normal University
- ●National Taiwan University ★CiC
- National Taiwan University of Arts
- National Taiwan University of Science and Technology
- National Taiwan University of Sport
- National Tsing Hua University
- Soochow University

Thailand

- Asian Institute of Technology
- Chiang Mai Universiy
- Chulalongkorn University
- Kasetsart University
- Khon Kaen University

- King Mongkut's University of
- Technology Thonburi
- Mae Fah Luang University
- Maejo University
- Office of the Judiciary of Thailand
- Prince of Songkla University
- Srinakharinwirot University
- Suranaree University of Technology
- Thammasat University

Vietnam

- Biotechnology Center of Ho Chi Minh City
- Cho Ray Hospital
- Hanoi Medical University
- Ho Chi Minh City University of Education
- Ho Chi Minh City University of Fine Arts
- Ho Chi Minh City Dept. of Science and Technology (DOST)
- Hue University of Medicine & Pharmacy
- Institute of Tropical Biology
- Nam Dinh University of Nursing
- National Library of Vietnam
- The Institute of Biotechnology, VAST
- Thuyloi University
- University of Medicine and Pharmacy, Ho Chi Minh City
- University of Transport and Communications
- Vietnam National University of Agriculture
- Vietnam National University, Hanoi
- Vietnam National University, Ho Chi Minh City
- Vinh University

OCEANIA

Australia

- The Australian National University
- Deakin University
- Flinders University
- James Cook University
- Monash University
- The University of Adelaide
- The University of Queensland
- University of Tasmania
- University of Western Australia

University of Wollongong Victoria University

New Zealand

- University of Otago
- The University of Auckland

NORTH AMERICA Canada

- Brock University
- The University of British Columbia
- University of Montreal
- University of Prince Edward Island
- University of Saskatchewan

USA

- Arizona State University
- Cornell University
- Kent State University
- Louisiana Tech University
- Michigan State University
- Princeton University
- Purdue University
- Saint Anthony College of Nursing

State University of New York, Oswego

State University of New York,

The California State University

The University of New Mexico

University of Alaska Fairbanks

● University of California, Irvine ★ CiC

University of California, San Diego

University of Hawaii at Manoa

University of Southern Indiana

Washington University in St. Louis

University of Michigan

University of Pittsburgh

University of San Diego

Utah State University

CENTRAL AND

Hospital Santa Cruz

Junior Year at Tsukuba Program 2020 2021

Argentine

Brazil

SOUTH AMERICA

University of Buenos Aires

Federal University of Pernambuco

São Paulo Research Foundation

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University of Illinois at Chicago

The Ohio State University \bigstar CiC

Shepherd University

Stony Brook

- São Paulo State University
- State University of Campinas
- University of Brasilia
- ●University of São Paulo ★CiC
- University of São Paulo, Ribeirao Preto

Chile

University of Chile

Columbia

- Universidad de los Andes
- Industrial University of Santander

Mexico

- El Colegio de Mexico
- Graduate School on Agricultural Sciemces
- University of Guadalajara

Peru

Pontifical Catholic University of Peru

MIDDLE EAST

- Jordan
- Jordan University of Science and Technology

Turkey

- Bogazici University
- Pamukkale University

EUROPE

Armenia Russia-Armenia Slavonic University

Austria

- University of Art and Design Linz
- University of Vienna
- Vienna University of Economics and Business

Azerbaijan

ADA University
 Azerbaijan University of Languages

Belarus

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- Belarusian State Medical University Belarusian State University
- Vitebsk State Order of Peoples' Medical University

Junior Year at Tsukuba Program 2020 2021

- Belgium
- Katholieke Universiteit Leuven

Croatia

Juraj Dobrila University of Pula

Czech

Charles University

Estonia

Tallinn University

Finland

University of The Arts Helsinki

France

- Bordeaux Sciences Agro
- Communauté Université Grenoble Alpes ★CiC
- Ecole nationale superieure darchitecture de Paris la Villette
- Ecole Nationale Superieure d'Arts et Metiers (Paristech)
- Grenoble Ecole de Management
- Institut d'Études Politiques de Bordeaux (SCIENCES PO BORDEAUX)
- Institut de Radioprotection et de Sûreté Nucléaire (IRSN)
- Polytechnic University of Hauts-de-France
- Strate School of Design
- Université Paul Valéry Montpellier 3
- ●University Bordeaux ★CiC
- University Bordeaux Montaigne
- University of Franche-Comte
- University of Montpellier
- University of Nantes
- University of Paris 13
- University of Paris-Saclay
- University of Technology of Belfort-Montbeliard

Germany

- Anhalt University of Applied Sciences
- Augsburg University of Applied
- Sciences Brandenburg University of Technology Cottbus-Senftenberg
- Forschungszentrum Juelich (Institute for Energy and Climate Research)
- Free University of Berlin

- Heinrich Heine University Düsseldorf
- Leibniz Universität Hannover
- Ludwig-Maximilians-University, Munich
- Martin Luther University Halle Wittenberg
- ●Ruhr University Bochum ★CiC
- Stuttgart Media University
- Technical University of Munich
- TU Dortmund University
- University of Bayreuth
- University of Bonn
- University of Cologne
- University of Duisburg-Essen
- University of Freiburg
- University of Hamburg
- University of Leipzig
- University of Muenster

Georgia

Free University of Tbilisi

Hungary

- Dharma Gate Buddhist College
- Eotvos Lorand University
- Semmelweis University
- University of Physical Education
- University of Szeged

Italy

- Ca' Foscari University
- Marche Polytechnic University

Al-Farabi Kazakh National University

Gumilyov Eurasian National

JSC National Scientific Center for

Kazakh Ablai Khan University of

Kazakh National Pedagogical

Arabaev Kyrgyz State University

University named after Abai

Nazarbayev University

University of Naruhozu

International Relations and World

Oncology and Transplantation

- Politecnico di Milano
- Academy of Art of Florence
- University of Bologna

Kazakhstan

University

Languages

Kyrgyz

International Exchange

- Bishkek Humanities University named after K. Karasaev
- Kyrgyz National University named after J. Balasagyn

Latvia

University of Latvia

Lithuania

Vilnius University

Moldova

Moldova State University

Norway

- Norwegian University of Life Sciences
- University of Oslo

Poland

- Jagiellonian University
- University of Bialystok
- University of Warsaw

Romania

West University of Timisoara

Russia

- Budker Institute of Nuclear Physics
- Far Eastern Federal University
- Kazan Federal University
- M.V. Lomonosov Moscow State University
- Moscow City Teachers' Training University
- Novosibirsk State University
- Pacific State Medical University
- Pirogov Russian National Research Medical University
- Russian State University for the Humanities
- Russian State University of Physical Education, Sport, Youth and Tourism
- Saint Petersburg State University

Slovenia

University of Ljubljana

Spain

- Complutense University of Madrid
- University of Barcelona

University of Salamanca

Sweden

Lund UniversityRoyal Swedish Academy of Arts

Switzerland

 International Academy of Sports Science and Technology

Tadzhikistan

 Russian-Tajik Slavic University
 Tajik State Institute of Languages named after Sotim Ulugzoda

The Netherland

- Delft University of TechnologyEindhoven University of Technology
- ●Utrecht University ★CiC

Turkmenistan

 Dovletmammet Azadi Turkmen National Institute of World Languages

UK

- Loughborough University
- Northumbria University
- Oxford Brookes University
- Plymouth University
- The University of Edinburgh
- The University of Manchester
- The University of Sheffield
- University of East Anglia
- University of Liverpool
- University of Worcester

Ukraine

- National University of Life and Environmental Sciences of Ukraine(NUBIP)
- Taras Shevchenko National University of KYIV

Uzbekistan

- State Geological Museum
- Samarkand State Institute of Foreign Languages
- Tashkent State Institute of Oriental Studies
- University of World Economy and Diplomacy

Uzbek State World Languages University

AFRICA Algeria

- University of Science and Technology, Houari Boumediene
- University of Sciences and Technology of Oran Mohamed Boudiaf
- Ministry of Higher Education and Scientific Research

Egypt

- Ain Shams University
- Cairo University
- E-JUST

Libya

Sebha University

Malawi

University of Malawi

Mauritania

Institute of Science and Technology

Morocco

- Al Akhawayn University
- Cadi Ayyad University
- Hassan II Institute of Agronomy and Veterinary Medicine
- Mohammed V University of Rabat
- Sidi Mohamed Ben Abdellah University
- The Ministry of Higer Education, Scientific Research and Executive Training

Nigeria

University of Nigeria

Tunisia

- Centre of Biotechnology of Sfax
- Tunis El Manar University
- University of Carthage
- University of Sfax
- University of Sousse

South Africa

University of Johannesburg

Junior Year at Tsukuba Program (JTP

Advantages of the JTP (1) Provides an opportunity to study in Japan

Economically and politically, the Pacific Rim has been one of the most dynamic regions in the world since World War II and will continue to be so in the future.

One of the biggest challenges we face today is developing ways to successfully integrate this diverse and fast-moving region with the rest of the world.

Studying at the University of Tsukuba provides a unique opportunity to broaden your horizons in these respects and to develop friendships with students from this region. The JTP hosts more than 200 students every year from leading universities and colleges all over the world.

(2) Offers strong academic courses in English

The JTP offers a wide variety of courses in English from diverse disciplines such as international studies, social sciences, humanities, natural sciences, and engineering. Many of these courses are designed to help you better understand Japanese society and develop cross-cultural perspectives (for more details, see pp. 12-19).

(3) Offers excellent Japanese language courses

For students who are eager to enhance their communication and writing skills in Japanese, the JTP offers language courses that are regarded as leading programs in Japan.

(4) Offers courses on Japan-related subjects

The topics of a number of JTP courses are closely related to Japanese issues, such as culture, law, economics, education, science, and technology.

Admission Requirements

Applicants for the JTP must meet the following four requirements:

- (1) Applicants must hold full-time student status at their home universities or colleges. (In cases where student exchange agreements are in the process of being signed, letters describing the conditions under which exchange students will be accepted must be exchanged between the applicant's home university and the University of Tsukuba.)
- (2) Applicants must have excellent academic records and strong commitment to studying in Japan.
- (3) Applicants must enroll in at least two academic courses offered by the JTP.
- (4) Applicants from countries where the official language is not English are required to submit official documents of English language proficiency. In the case of TOEFL, for example, your score must be at least 79 for the Internet-based test (iBT).

Study Periods

Students can choose one of the following study periods:

- Fall Semester October 1 February 28
- Spring Semester April 1 August 31

Student Status and Credit Transfer

At the University of Tsukuba, JTP students are classified as exchange students (*tokubetsu chokogakusei*) who are not pursuing a degree here, but are able to earn credits. Credits from the University of Tsukuba can be transferred to students' home universities after being evaluated based on their existing rules and standards. (For more information, please contact your exchange coordinator. The criteria for credit transfer vary according to educational institution.)

Academic Support

Orientation Program

Upon arrival at the University of Tsukuba, all JTP students must attend an orientation program covering such important topics as health insurance, course registration, housing, immigration policy, and library information, is designed to help students settle into life in Japan as smoothly as possible.

Academic Advisor

A faculty member from an appropriate college will be appointed to each JTP student as his/her academic advisor. These advisors will closely work with students to provide academic assistance, information, and support.

Tutor

In addition to an academic advisor, a tutor will also be appointed to each JTP student. The tutors can assist with various administrative procedures, language study, and course work.

Application Procedure

Students applying for JTP, Exchange program needs to contact an exchange coordinator and nominated by their home university.

Exchange coordinator of partner universities

For obtaining online application/nomination system user code, please contact us. exchangestudent[@]un.tsukuba.ac.jp

Required Documents

Please submit the following documents:

- (1) Application Form
- (2) Letter of request for admission by the President/Dean or appropriate representative of the applicant's home university

- (3) Transcript of academic records
- (4) Application of Certificate of Eligibility (Excel data)
- (5) Copy of Passport
- (6) ID photo for visa application (2 pieces of 40x30mm)
- (7) Statement of adequate financial resources (e.g. certificate of bank account balance)

Schedule

*Please visit our website for the detailed Application Schedule.

Submission Address

Division of Student Exchange University of Tsukuba 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8577 Japan Phone: +81-29-853-6089/6090

Financial Aid

The Japan Student Services Organization (JASSO) is an organization affiliated with the Ministry of Education, Culture, Sports, Science and Technology of Japan and supports student exchange programs between Japan and foreign countries. JASSO offers scholarships for international students under the "Student Exchange Support Program (Scholarship for Short-Term Study in Japan)". These scholarships are available for qualified students who are accepted from one semester to one year by Japanese universities or colleges under reciprocal student exchange agreements.

JASSO Scholarship

Monthly stipend: 80,000 yen (from one semester to 12 months)

Eligibility

Applicants must meet all of the following conditions:

- Students of non-Japanese nationality.
- Students whose home country has established diplomatic relations with Japan. However, Taiwanese and Palestinian student is qualified to apply.
- Students who demonstrate excellent academic record with a GPA of 2.30 or higher on the JASSO grade scheme.
- Students with financial difficulties.
- Students who are certain to obtain "College Student"
 visas.
- Students who do not receive any other scholarships whose monthly stipend(s) exceed(s) 80,000 yen while studying in Japan. Nonetheless, in case a student will be granted JASSO' s scholarship for Privately Financed Students, that student is disqualified regardless of the amount of scholarship the student receives.
- Students of past JASSO grantees are eligible to apply, but not for the same program.
- Students will not apply for a Japanese Government (Monbukagakusho) Scholarship along with the JASSO
 Student Exchange Support Program (Scholarship for

Short-Term Study in Japan) for inbound students.

- Students who are accepted by a Japanese university under a student exchange agreement with your home university.
- Students who resume their studies or researches at their home university after completing their exchange period in Japan.

Application

JTP application forms should be submitted to exchange coordinators at the University of Tsukuba through the exchange coordinators at your home institutions. Process

- 1. The exchange coordinators at the University of Tsukuba call for candidates for JTP students through the exchange coordinators at your home university.
- 2. The home university recommends the candidates to the University of Tsukuba. It forwards the recommendations to JASSO. JASSO screens the candidates.
- 3. JASSO informs the University of Tsukuba of the results of the screening. The results are sent to you with visa-related materials by the University of Tsukuba.

General Information for International Students

Finance

Tuition Fee

The tuition fee is 14,800 yen per credit (subject to change without notice). If students take a total of 15 credits at Tsukuba, their tuition fees will be 222,000 (14,800 x 15) yen. Tuition waivers may be granted to students from our partner universities and colleges.

Other Expenses

Although the cost of living in Tsukuba varies from student to student, we suggest that students budget for about 80,000 yen per month, excluding tuition fees.

Accommodation

University Accommodation

The University of Tsukuba has a Short Stay House for exchange students. The single rooms are equipped with a bed, bedclothes, a desk, a desk light, a chair, a washbasin, a fridge, an air conditioner, and offers privacy and independence.

The monthly rent is around $23,800 \sim 44,000$ yen including room rent and fee for common services. Utility charges are to be paid separately. In addition, a security deposit is required when moving into the Short Stay House (about 30,000 yen).

Private Accommodation

Some international students may prefer to live off campus in non-university-owned accommodation. There are many private apartment houses available near the campus. The monthly rent for a room with a kitchen and a bathroom ranges between 35,000 and 60,000 yen. In Japan, one to two months' rent is customarily charged as security deposit and real estate agency fees.

Services on Campus

Library facilities consist of 1 central and 5 branch libraries. The libraries contain about 2.5 million volumes and provide access to many more resources via electronic networks. Library tours are conducted at the beginning of each semester to familiarize students with the facilities, and library staff are always willing to help students find their way around. For more information, visit our central library web site at http://www.tulips.tsukuba.ac.jp/.

University Health Center

The University of Tsukuba offers medical services to all students. The University Health Center employs several doctors and nurses and provides professional services such as health and nutrition counseling, physical examinations, first-aid treatment for emergencies, and psychiatric counseling.

Visas

To enter Japan as an international student, you must have a valid "Student" visa. We will send you an acceptance letter, a Certificate of Eligibility, and other supporting documents which will enable you to obtain a "Student" visa from your nearest Japanese Embassy or Consulate.

Insurance

(1) National Health Insurance

Every international student in Japan must have medical insurance. All JTP students must enroll in the Japanese National Health Insurance (NHI) program. NHI members pay only 30% of incurred medical costs. Please note that not all medical and hospital services are covered by the NHI (for example, the NHI does not provide coverage for orthodontic work, physical examinations, pregnancy, and cosmetic surgery).

(2) Student Educational Research Activities Accident Insurance

This insurance covers physical injuries due to unexpected accidents during educational and research activities.

The University of Tsukuba, requires all students to enroll this insurance in order for them to secure their engagement in educational research as well as extra-curricular activities.

(3) Other Insurance

If you also wish to enroll in a private health insurance plan that offers services not covered by the above plans, please consult with an insurance agency in your home country.

It is advisable to take out travel insurance to cover such things as unexpected accidents, lost luggage, or trip cancellation. The NHI plan does not cover travel to and from Japan.

Our JTP courses consist of three categories: JTP academic courses, Japan-related courses, and Japanese language courses. More than 200 JTP courses are taught in English in such diverse disciplines as international studies, social sciences, humanities, natural sciences, and engineering.

JTP courses

Academic courses Japan-related courses Japanese language courses

Japan-related Courses

In addition to the Japanese language courses, various introductory courses on Japanese history, society, arts, and science and technology are offered for international students throughout the campus. These courses are taught in simple and easy-to-understand Japanese. All JTP students are encouraged to take these courses as well. Additionally, the English program also offers courses in Japanese issues. These classes are taught using the English language, and offer foundational knowledge in a broad range of topics on Japanese society, culture, history, etc. While students enrolled in the English program are given priority enrollment status, students not affiliated with the English program may also attend these classes, according to enrollment capacities.

Japanese Language Courses

Japanese language courses are provided accordance with each student's status and proficiency in Japanese. The Japanese language courses are organized as follows:

- · Intensive and semi-intensive Japanese courses
- · Fifteen week Japanese courses for beginners
- Fifteen week Skill-based classes for intermediate and advanced levels Special purpose classes

Calendar

Spring semester	Early April to August (15 weeks)	
Fall semester	October to February (15 weeks)	

JTP Academic Courses College of International Studies 110 12

Comparative Economics

This course provides an overview on the labor relations from comparative view. Particularly focusing the precare atypical work, the changing structure of labor forms and its problem would be examined and discussed. (2 credits, Fall AB, 2 classes/week)

Comparative Public Administration

The purpose of this course is to provide a general introduction to the structure of government and public administration through detailed consideration of the case of the United Kingdom. The emphasis throughout will be on bringing out the first principles underlying the basic machinery of government and public administration, and on doing this in such a way as to make these principles comprehensible to students with only a limited background in the field of comparative public administration. (2 credits, Fall AB, 2 classes/week)

Contemporary Issues in Developing Countries

The goal of this course is to understand contemporary and important economic and social issues in developing countries. We also analyze statistical data related to the topics. (2 credits, Fall AB, 2 classes/week)

Economic Growth

This course introduces students to introductory theory of economic growth, mainly, the Solow Model, necessary for understanding the concept and determinants of economic growth. The goal of this course is to give the students skills to apply the basic theory and competences to discuss various issues related to economic growth. (2 credits, Spring AB, 2 classes/week)

Econometrics

This course is an introduction to econometrics. We will begin

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with the linear regression model and its estimation and inference. Then we will cover linear models with endogeneity, liner panel models, limited dependent variables, and models used in program evaluations. This course pre requires introductory statistics. (2 credits, Spring AB, 2 classes/week)

English Debate

- The star

The students participating in this class will be free to debate any subjects of their own choosing, such as are to do with Japanese state, society and culture or to do with any matter of foreign and international concern. (2 credits, Spring AB, 2 classes/week)

English Debate

This course is mainly for sophomore students for developing their capacity of English discussion on international development issue in the contemporary global context. The course particularly focuses on development and sustainable development goals, global poverty, inequality and social business, citizens' basic needs, gender inequality, climate change, African green revolution, population and migration, society 5.0, etc. Each week, English debate will be conducted at semi-parliamentary style debate. Students also need to submit a short term paper at the end. (2 credits, Spring AB)

English Discussion Seminar (A)

The purpose of this introductory course is to help students communicate ideas and meaning clearly in English and discuss effectively topics relevant to international studies as well as intercultural communication. Students will be expected to prepare thoroughly and to participate actively in class. (2 credits, Fall AB, 2 classes/week)

English Discussion Seminar (B)

This advanced course has no goal other than to encourage the students who attend it to engage with me on a basis of strict equality in the free, open and robust discussion of matters of our mutual concern. To this end, I lay down no set agenda in advance. Instead, I intend that the agenda for the course should be determined through consultation with participating students, and that there should be no prior restrictions placed on the subject-matters to be proposed by students as appropriate for discussion.

If it is my personal preference that we discuss issues to do with contemporary politics, then it is also my hope and expectation that we will be able to range widely in the discussion of issues to do with law and economics and issues to do with the arts and media and with culture and society. (2 credits, Fall AB, 2 classes/week)

English Discussion Seminar (C)

During this course, students will participate in weekly discussions concerning current events, emphasizing media, politics, and news. We will also do a combination of pair work exercises and small-group exercises. (2 credits, Fall C, 2 classes/week)

English Discussion Seminar (D)

This is an introductory course for students who are eager to improve their English discussion skills. Because this is an introductory course, students are given the opportunity to learn and practice effective delivery of their ideas and attentive listening to others' opinions as a preparation for discussion. Discussion topics will be related to global issues, and students are expected to actively participate. (2 credits, Fall AB, 2 classes/week)

Globalization and Development

This course examines the politics of development in the era of globalization, exploring major issues and problems being encountered and confronted by the developing countries in the contemporary period. (2 credits, Fall AB, 2 classes/week)

Health Economics

Health Economics is an applied economics course that analyzes issues in health, medical care and health finance. The demand for health and medical care services and the economic behavior of health service providers and the operation of health insurance markets are analyzed with economic tools of analysis and perspectives. The role of the government sector in the provision, regulation and financing of health care services are addressed within the context of health sector policies both in developed and developing countries. (2 credits, Spring AB, 2 classes/week)

History of Economic Thought

The course is about the history, philosophy and evolution of economic ideas and thoughts. We review the different schools of economic thoughts from the classical to the modern to provide students with a comprehensive understanding of the origin and philosophy of economics and the economists behind such powerful ideas. (2 credits, Fall AB, 2 classes/week)

International Education

This course invites both overseas and Japanese students. The major purpose of the course is to enable students to learn about issues and current trends in educational studies in international perspectives. It deals with themes, such as development, colonial legacy and global interaction, in education. (2 credits, Spring AB, 2 classes/week)

International Politics

This course examines various theories and cases to understand the dynamics of international politics. (2 credits, Fall AB, 2 classes/week) Program Details

Intro-Intermediate Macroeconomics

This course covers the basic concepts in macroeconomics. Topics include the IS-LM model, aggregate demand, aggregate supply and the Phillips curve, monetary and fiscal policy, rational expectations, real business cycle models, micro foundations, and long-run economic growth. (2 credits, Fall AB, 2 classes/week)

Japan and the World

This course focuses on the history of Japan's domestic politics and foreign relations from the end of the Second World War till the end of 1970s.(2 credits, Fall AB, 2 classes/week)

Japanese Economy

The main purpose of this course is to understand basic facts about the Japanese Economy. We analyze those facts both empirically and theoretically and relate most Japanese issues to those in the U.S. The goal of this course for Japanese students is to explain to foreign people about the Japanese Economy in English, and that for international student is to be more interested in Japan. As a prerequisite, this course requires BC51061 Introductory Microeconomics and BC51071 International Economics, or equivalent. (2 credits, Fall AB, 2 classes/week)

Linguistic Anthropology

An introduction to linguistic anthropology, this course explores the relationship between language and culture, especially on how language reflects culture and how culture creates language. Through the lectures, required readings, group discussions, and student projects. We will learn the roles and functions of language in creating universal as well as cultural-specific worldviews. Enrollment will be limited to 100 students. (2 credits, Spring AB, 2 classes/week)

Mathematical Economics

This course introduces students to the most fundamental analytical tools of mathematics for economics. It provides the necessary skills and training to use mathematical approach in economic analysis. The goal of this course is to give the students skills to apply the mathematical methods to solution of economics problems.

(2 credits, Spring AB, 2 classes/week)

Media Politics

From "traditional" media, such as newspapers and television, to new media formats including websites, blogs and social media channels, in this course, students will examine the intersection between media and politics from historical, theoretical, topic-based, and consumer/producer perspectives.

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(2 credits, Fall AB, 2 classes/week)

Outline of Japanese Education

This course is offered to JTP students who are interested in the historical development of Japanese education. The course looks at the processes of the foundation of the Japanese education system and the formation of a modern state in Japan. Special reference is made to the past and present dimensions of patterns of the cross-national transfer of policy for education. Thus international and comparative perspectives are welcome throughout the course. (2 credits, Fall AB, 2 classes/week)

Political Philosophy

This course provides an introduction to the work of the classic thinkers who belong to the Western tradition in political philosophy, and in this to meet the basic educational needs of students specializing in the various areas of politics, law and economics. It is recognized that political philosophy is often held to be a subjecting that presents major

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difficulties for students. Accordingly, it is proposed to make the review of Western political thinkers as simple as possible and to focus attention on the explanation of the most fundamental of the terms and concepts in Western political thought. (2 credits, Spring AB, 2 classes/week)

Public Policy

The objective of this course is to provide students with basic knowledge to understand public policies, with special focus on the role of economic and social policies in society. (2 credits, Spring AB, 2 classes/week)

Social Anthropology

Anthropology involves the systematic, comparative study of groups of people from all over the world and the knowledge those groups have that defines their cultures. Using Japan as one of our regional foci, we will review the basic concepts and approaches of anthropology.

(2 credits, Spring C, 4 classes/week)

Social Development

People's well-being cannot be achieved by economic growth alone, and the important role of social development has became widely recognised in international development practice. This course is offered for students firstly to increase understandings of why and how social development became a main stream of development by learning historical background and development theory. Secondly, we focus on some key concept and practice including human development, capability approach, participatory approach, and social capital. In the latter half of the course, we learn social development in relation to important development topics namely, poverty, human capital, labour and employment, micro finance, social protection, and human rights and human security. With some examples of on-going development programmes, students will discuss significance and applications of social development in practical field, and how we can improve development programmes towards sustainable development. (2 credits, Fall AB, 2 classes/week)

Statistics

This course is a formal introduction to Statistics. No prior knowledge of probability and statistics in required as all concepts will be developed from the4 ground up. We will cover a range of topics including descriptive statistics, basic of probability, random variables, distribution and density functions, sampling distributions, point estimation, confidence intervals, and hypothesis testing. If time allows, a preview of the regression analysis will be provided. The details of regression analysis will be covered in Introductory Econometrics, which is a continuation of this course. (2 credits, Fall AB, 2 classes/week)

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College of Social Sciences

International Social Studies

The aim of this course is to provide the basic understanding of the major trends on international migration. Taking as a background the growing process of globalization, central themes in migratory studies such as South-North migration, refugee issues, skilled workers and migration to Japan will be discussed. (2credits, Fall AB, 2 classes/week)

International Social Studies ||

The course introduces students to the fundamental of international relations and international political economy. The course begins with an overarching framework to study international politics and international political economy. The course covers a wide range of topics including causes of war, domestic politics and war, international institutions and war, civil war and terrorism, international trade, international financial relations, international monetary relations, and development. All students are expected to actively participate in the classroom discussion. (2 credits, Spring AB, 2 classes/week)

Monetary Economics

This course deals with the monetary theory and policy in the context of modern economies. It addresses the role and definition of money in the economy, the microeconomic and macroeconomic aspects of money, the demand for money, the supply of money and interest rates, monetary policy making and instruments of monetary policy, and central banking at theoretical and practical levels. The course equips students with the skills to understand the operation of modern economies and the main monetary aggregates of an economy overtime and across countries and its implication on economic welfare indicators. (2 credits, Spring AB, 2 classes/week)

Principles of Economics

The course introduces students to economics. It broadly covers issues, concepts, and basic theories in microeconomics and macroeconomics to provide foundations for students to understand the decision making behavior of economic agents, their interaction in market settings, and to comprehend current and practical issues and policies in economics. The course is designed to provide a concise and selective introduction to economic issues, theories, and policies. (2 credits, Spring AB, 2 classes/week)

Readings of Japanese Studies

This course introduce students to perspectives on contemporary Japan.

(2 credits, Fall C, 4 classes/week)

Social Issues in Contemporary Japan The aim of this course is to analyze the social and economic

changes in Japan, with particular focus on changes in the nature of work in society and its implications in Contemporary Japanese society, including complex issues such as migration, foreign workers, ageing society, job hunting, working poor and inequality. (2 credits, Spring AB, 2 classes/week)

School of Life and Environmental Sciences

(Colleges of Biological Sciences and Agro-Biological Resource Sciences)

Animal Systematics II

Students will learn the methodology to understand the diversity of multicellular animals from the viewpoint of evolutionary biology. In particular, learn in detail the origin of the metazoans, the evolution of the diploblasts, mollusks, echinoderms, and chordates, and learn how to reconstruct the evolutionary history by comparing modern animals. (1 credit, Fall AB, 1 class/week)

Biometry II

This lecture introduces the dark side of statistics, Starting with randomization techniques, students will learn relationships among different domains of statistical ideas: parametric, nonparametric, null hypothesis significance testing, information-theoretic methods, and the Bayesian methods. (1 credit, Fall AB, 1 class/week)

Biotechnology Literacy

Topics covering ethical, legal and social issues in life & environmental sciences. (1 credit, Fall C, Intensive)

Cell Biology III

Proteins are in a dynamic state, which is regulated by protein synthesis and degradation pathways. Each protein is degraded in a degree of selectivity, and its regulation is essential for the cell homeostasis and viability. In this class, we will learn the latest findings on the molecular mechanism of selective protein degradation and its physiological importance. (1 credit, Fall AB, 1 class/week)

Cell Structure and Function

Lectures and discussions will concentrate on cell structure and friction as related to 1) membranes, 2) mitochondria, 3) chloroplasts, 4) intracellular transport, 5) cell communication, 6) cell cycle and 7) cell division. (1 credit, Fall AB, 1 class/week)

Chemical Ecology

This lecture introduces chemical aspects of relationships between individual insects, animals, plants and microorganisms of the same (pheromone) or different (allelochemicals) species. (1 credit, Fall AB, 1 class/week)

Genome Bilology I

Lectures will cover basic knowledge on the structure and function of the genome, as well as technologies for DNA and genome analysis. (1 credit, Spring AB, 1 class/week)

Program Details

Marine Biology I

Lecture will give you several topics on physical, chemical and biological properties of ocean to understand the physiology, reproduction, development, biodiversity and ecology of marine invertebrates and fish. This class will especially focus on the following aspects of marine life: life cycle, locomotion, sensory reception, biomineralization, biogeochemical distribution, photosynthesis, respiration, calcification, nitrogen fixation and the impact of climate change. We will give examples of marine organisms under planktonic and benthic conditions and coral reef. The history and present situation of marine biology research will be also included. (1 credit, Spring AB, 1 class/week)

Marine Biology II

Lecture will provide several topics on marine organisms, including fertilization, cilia and flagella, genemanupulation, development, self-non-self recognition, evolution, animal behavior, population ecology and marine environment. The teaching staff of Shimoda Marine Research Center will tell you about recent progress of their own research. (1 credit, Fall AB, 1 class/week)

Metabolic and Physiological Chemistry I

The main topics for this course will be photosynthetic energy conversion, primary and secondary carbon metabolism including C3, C4 and CAM metabolisms, photorespiration, and respiration.

(1 credit, Spring AB, 1 class/week)

Metabolic and Physiological Chemistry I

Nitrogen metabolism, sulfur metabolism, metabolic regulatory mechanisms and the function of trace metals in

cellular metabolism are main topics. (1 credit, Fall AB, 1 class/week)

Plant Biotechnology I

Lecture will cover topics on plant biotechnology including control of flowering time, circadian rhuythms, photoperiodic responses, organ size and responses to environmental stresses. (1 credit, Spring C, Intensive)

Plant Physiology I

In this lecture, the relationship between various developmental and physiological phenomena and the environmental factors in the life history of higher plant will be overviewd for the understanding from the viewpoint at whole plant to cell levels with adding the latest molecular biological finding. (1 credit, Spring AB, 1 class/week)

Plant Physiology II

This lecture introduces several important topics for your further understanding of plant physiology, which includes recent advances in the research of vegetative and reproductive development, and symbiosis with microorganisms in higher plants. (1 credit, Fall AB, 1 class/week)

Plant Taxonomy I

Diversity, classification, morphology, ultrastructure, life history and phylogeny of non-green algae glaucophytes, rhodophytes, crytophytes, chlorarachniphytes, euglenophytes, dinoflagellates, haptophutes, and stramenopiles. (1 credit, Spring AB, 1 class/week)

Plant Taxonomy II

Diversity, classification, morphology, ultrastructure, life history and phylogeny of cyanobacteria and green plants, including chlorophytes and land plants.

(1 credit, Fall AB, 1 class/week)

Programing I

In this lecture, students will learn programing techniques for manipulating a variety of data. They will also learn simulation techniques with individual-based models. The programing language used is Ruby.

(1 credit, Fall AB, 1 class/week)

Protistology

Topics in protistology. Cellular evolution, cell biology, sex and reproduction, phylogeny and ecology of protists will be the subjects of this lecture. (1 credit, Fall C, 2 classes/week)

Seminar in Biology I : Field Guide to Snow Land Animals in Winter

A five-day residential course is held at the Sugadaira Montane Research Center. The aim of this course, through animal tracking, bird watching, collecting insects, is to provide genuine experience of the qualities of nature and wild animals in snowy areas.

(1.5 credits, Spring vacation, intensive)

Seminar in Biology II : Guide to Sea Shore Animals and Plants

In this course at Shimoda Marine Research Center, students will survey marine animals on a rocky reef, and conduct field collections of planktonic and benthic animals. This will be followed by lectures and laboratory observations, providing a deeper understanding of marine life. (1.5 credits, Spring Vacation, intensive)

Theoretical Ecology

This course illustrates theoretical aspects of ecology with examples of laboratory experients to connect mathematical expressions with ecological phenomena in nature. (1 credit, Spring AB, 1 class/week)

Vertebrate Evolution

This course looks at the major transitions during vertebrate evolution, particularly focussing on the transition between water and land, and the adaptations which facilitated that transition. The diversification of animal life on land, and the subsequent return of some groups to water will be studied. (1 credit, Fall AB, 1 class/week)

College of Policy and Planning Sciences

Independent Study A

The students will do their own research under supervision of faculty members.

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(3 credits, Spring ABC, by appointment)

Independent Study B

The students will do their own research under supervision of faculty members. (3 credits, Fall ABC, by appointment)

College of Agrobiological Resource Sciences

Special Seminar I

Seminar on the special research field for each individual student (1 credit, Spring ABC, intensive, JTP only)

Special Seminar II

See Special Seminar I (1 credit, Fall ABC, by request, JTP only)

Special Seminar III

See Special Seminar I (1 credit, Spring C & Fall A, by request, JTP only)

College of Disability Sciences

Disability Sciences in Japan

The lecture provides an overview on the current educational provision for children with disabilities and the challenges faced. (1 credit, Fall AB, intensive)

College of Japanese Language and Culture

Introduction to Contemporary Japanese Society

This class is to introduce students to the contemporary Japanese Society in an anthropological perspective. It will examine topics and issues such as family, community, class and status, work and labor, and mass culture. (1 credit, Spring AB, 1 class/week)

Introduction to Japanese Culture

This class is to provide students with basic ideas and knowledge to understand the historical development of Japanese culture. It will particularly examine how Japan has created its unique religious tradition and practice through accepting Chinese influences (1 credit, Fall AB, 1 class/week)

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College of Engineering Sciences

Laboratories Research

A student picks up a laboratory from among all the staff belonging to the school. There he/she studies the engineering aspects of his/her choice by attending seminars, performing experiments, or other practices concerning the engineering study. As a summary, the student is required to write a thesis.

(8 credits, annual, by appointment)

Laboratories Research

A student picks up a laboratory from among all the staff belonging to the school. There he/she studies the engineering aspects of his/her choice by attending seminars, performing experiments, or other practices concerning the engineering study.

(3 credits, Spring ABC/ Fall ABC, by appointment)

College of Engineering Systems

Engineering System Special Lecture

Lectures will cover some aspects of measurement and control, including strain gauges, bridge circuits, op-amps, block diagram modeling, performance specifications, and controller designs. (1 credit, Fall AB, 1 class/week)

Project

The students will conduct individual research under the supervision of a professor. (4 credits, Spring ABC/Fall ABC, by request)

College of Information Science

Directed Research in Computer Science A (4 credits, Spring ABC, by request)

Directed Research in Computer Science B (4 credits, Fall ABC, by request)

Route Map

Junior Year at Tsukuba Program 2020>2021

