

University of Tsukuba

# Undergraduate Course Offerings for Exchange Students 2021-2022

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Division of Student Exchange

## About This Brochure

The courses listed in this brochure are excerpted for exchange students from the computer files of the “*Kaisetsu Jugyo Kamoku Ichiran 2021-22*” (in Japanese), the English title is *University Undergraduate Course Catalog 2021-2022*, with minor revisions.

Please note that since the courses in the catalog were intended to be offered when its publication went to print, they are subject to change at any time at the University's sole discretion. For information on changes in days, times, and locations of classes, please consult your academic service office or the Center for Education of Global Communication.

The schedule of intensive courses will be available on bulletin boards of the Academic Service Offices prior to or at the beginning of the semester in which the courses are offered. If you need information in advance or wish to clarify doubts, please consult the instructor directly.

The course description of some JTP academic courses is written in Japanese. If you need to know more about these courses, please contact the instructor directly.

Note: The terms of each module is subject to change.

## Course Hours

















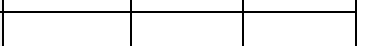
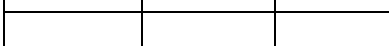


Course Type	Course Hours per Credit
Lectures and Seminar	15 hours (1.5 hours per week × 10 weeks)
Foreign Languages	22.5 hours (1.5 hours per week × 15 weeks)
Experiments and Practical Training	30 hours (3 hours per week × 10 weeks)
Physical Education	30 hours (1.5 hours per week × 10 weeks × 2 subjects)

### Note:

The University of Tsukuba calculates 1 class period (75 minutes) as 1.5 hours. In regard to courses involving practical training or independent study, each school and college assigns a certain number of credits.

One (1) unit of credit requires 45 hours of academic work in the context of the course structure, academic outcomes, and self-directed learning other than coursework.

## Course Offerings According to Semester and Module

Month	April - May		June - July	August - September	October - November	December - January		February - March
Semester	Spring Semester				Fall Semester			
Module (5-week units)	Spring A module	Spring B module	Spring C module	Summer Recess	Fall A module	Fall B module	Fall C module	Spring Recess
Examples of class implementation modules (5 weeks or 10 weeks + final exams)				Summer session etc.				Entrance exam, degree review, etc
								
								
								
Examples of semester modules (15 weeks + final exams)								

Note: There is a possibility that the terms of each module will be changed.

## Course Methods

Course methods can be lectures, class exercises, experiments, etc,. There are courses that implement two or more methods. The different course methods in the course catalogue are listed below.

Code	Course Type
1	Lectures
2	Class Exercises
3	Training/Lab Experiments/Practical Application
4	Lectures and Class Exercises
5	Lectures and Training/Lab Experiments/Practical Application
6	Class Exercises and Training/Lab Experiments/Practical Application
7	Lectures and Class Exercises and Training/Lab Experiments/Practical Application
8	Graduation Thesis, Graduation Research, etc.
0	Others

Code	Instructional Type
A	Face to Face : 対面
B	Online Synchronous : オンライン 同時双方向
C	Online Asynchronous : オンライン オンデマンド型
D	Online Hybrid : オンライン 同時双方向+オンデマンド型
E	Face to Face + Online : 対面+オンライン
F	Unknown : 不明

## Course List

### Spring Semester (April - September 2021)

#### Courses Open to Exchange Students

#### Multidisciplinary Subjects (総合科目)

Multidisciplinary Subjects Ⅲ

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
1C90051	Japanese Society	1-B	1.0	1, 2	SprAB	Mon1		Yamamoto Chinami	In this course, we will read about and discuss various topics relating to Japanese society.	Limited to 30 students. Priority is given to EP Students. Lecture is conducted in English. JTP Online(Synchronous) Details will be given in class or posted on manaba.
1C90091	Modern Japanese History	1-B	1.0	1, 2	SprAB	Mon2		Yamamoto Chinami	In this course, we will read about and discuss the history of Japan from Meiji period to this current day.	Open in odd number years. Lecture is conducted in English. JTP Online(Synchronous) Details will be given in class or posted on manaba.
1C90111	Career Design III	1-B	1.0	1, 2	SprC	Mon1,2		Yamamoto Chinami	In this course, we will read and discuss about various topics related to some Japanese issues which will be beneficial for employment following graduation. Some topics may include: past, present, and future of many aspects of Japan, etc.	Lecture is conducted in English. JTP Online(Synchronous) Details will be given in class or posted on manaba.
1F90011	Social nature	1-D	1.0	3, 4	SprAB	Fri3		Parkner Thomas	Understanding coupled natural/environmental and human systems is fundamental to the quest for sustainability. But, what is "nature" or "environment", or what are environmental issues? In this lecture, nature, environment, and environmental issues are discussed as a social construct subject to changing perceptions. To bridge the gap between natural and social students, theories and concepts from both, natural sciences and social sciences, are presented, which are relevant for human-environment interaction research. Climate change as a current threat is discussed from the natural science perspective as well as from deeply entrenched social worldviews to explore a complex environmental problem from a cross-disciplinary perspective.	Course is held online (Microsoft Teams, synchronous & asynchronous) Identical to 1490111. JTP

#### College of Japanese Language and Culture (日本語・日本文化学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
AE53B61	Introduction to Contemporary Japanese Society	1-A	1.0	1・2	SprAB	Tue6	2B411	Nobutaka Suzuki	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.	日本語・日本文化学類生は2019年度以降の入学者に限る。This class is taught in English. 英語で授業。 JTP 対面

## College of Social Sciences (社会学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
BB11871	Sociology of Contemporary Japan	1-F	2.0	1 - 2	SprAB	Thu1,2		Edson Ioshiaqui Urano	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.	Limited to 35 students. 西暦奇数年度開講。 BE21181と同一。 英語で授業。 JTP G科目 Equivalent to "Social Issues in Contemporary Japan (BE21181)"
BB28081	Law and Society in Japan	1-C	1.0	2 - 4	SprAB	Wed5		Wataru Miyasaka	This course is to provide an introduction to law and to the Japanese legal system. The topics covered by this course include the development of Japanese law, the basic structure of Japanese law, criminal and civil law of Japan and future prospects of Japanese law and legal system.	This course is available only for students who acquired the credit of Introduction to Law or students who register for Introduction to Law simultaneously. The number of students is limited to 20-25. BE21171と同一。 英語で授業。 JTP G科目 オンライン(オンデマンド型)
BB41561	Mathematical Economics	1-F	2.0	1 - 3	SprAB	Mon5,6		Ikefuji Masako	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.	BC16011, BE22851と同一。 英語で授業。 JTP
BB41571	Economic Growth	1-B	2.0	2 - 4	SprAB	Wed5,6		Ikefuji Masako	This course introduces students to the 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.	Students who completed Principles of Economics/Introduction to Economics (BE21861) or other equivalent courses can register for this course. Students who completed Economic Growth (BE22801) cannot register for this course. BE22331と同一。 英語で授業。 JTP G科目 オンライン(同時双方向型)
BB41601	International Trade	1-D	2.0	2 - 4	SprAB	Wed1,2		Hisahiro Naito	As the economy becomes more globalized, it is becoming necessary to study the basic mechanism of international trade and its impact on welfare. In this course, we first study the concept of comparative advantage and study why countries will be engaged in international trade. Then, we study the impact on welfare by using several models. (The Ricardian, Heckscher-Ohlin and Specific Factor Model). Then, we study the monopoly model and its implication for international trade theory. In addition, we discuss the impact of international factor movement such as immigration and foreign direct investment.	西暦奇数年度開講。 BC11411, BE22271, FH25051と同一。 英語で授業。 JTP その他の実施形態 オンライン

## College of Agro-Biological Sciences (生物資源学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
EC00011	Special Seminar I	1-F	1.0	1	SprABC	By Request		Dean and others, Nakao Nomura	Seminar on the special research field for each individual student	JTP学生のみ対象 その他の実施形態
EC00031	Special Seminar III	1-F	1.0	1	SprC FallA	By Request		Dean and others, Nakao Nomura	Seminar on the special research field for each individual student	JTP学生のみ対象 その他の実施形態
BE22861	Health Economics	1-F	2.0	2 - 4	SprAB	Thu5,6		Moges Abu Girma	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.	Identical to BC12921. Lecture is conducted in English. JTP

# College of International Studies (国際総合学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
BC51574	English Debate	4-A	2.0	2 - 4	SprAB	Wed5,6	3A403	Midori Matsushima	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.	国際総合学類の学生のみ対象。2021年度入学者については別途クラス分けを指示する。2020年度以前入学者については、学籍番号奇数番の学生のみ対象。BC51571を履修済みの学生は履修できない。 英語で授業。 JTP 対面
BC51584	English Debate	4-A	2.0	2 - 4	SprAB	Wed5,6	3A402	Abdul Malek Mohammad	This course is mainly for sophomore 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.	国際総合学類の学生のみ対象。2021年度入学者については別途クラス分けを指示する。2020年度以前入学者については、学籍番号奇数番の学生のみ対象。BC51581を履修済みの学生は履修できない。 英語で授業。 JTP 対面
BC11411	International Trade	1-D	2.0	2 - 4	SprAB	Wed1,2		Hisahiro Naito	As the economy becomes more globalized, it is becoming necessary to study the basic mechanism of international trade and its impact on welfare. In this course, we first study the concept of comparative advantage and study why countries will be engaged in international trade. Then, we study the impact on welfare by using several models. (The Ricardian, Heckscher-Ohlin and Specific Factor Model). Then, we study the monopoly model and its implication for international trade theory. In addition, we discuss the impact of international factor movement such as immigration and foreign direct investment.	西暦奇数年度開講。 BB41601, BE22271, FH25051と同一。 英語で授業。 JTP その他の実施形態 オンライン
BC11511	Linguistic Anthropology	1-C	2.0	2 - 4	SprAB	Tue1,2		Risako Ide	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.	BE22501と同一。 英語で授業。 オンライン(オンデマンド型) JTP (旧「人類言語学」)のうち2コマはグループディスカッションを取り入れる。
BC16011	Mathematical Economics	1-F	2.0	2 - 4	SprAB	Mon5,6		Ikefuji Masako	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.	BB41561, BE22851と同一。 英語で授業。 JTP
BC12061	Econometrics	1-D	2.0	2 - 4	SprAB	Tue1,2		Yu Zhengfei	This course is an introduction to econometrics. We will begin with the linear regression model and its estimation and inference. Then we will cover linear models with endogeneity, linear panel models, limited dependent variables, and models used in program evaluations. This course prerequires Introductory Statistics.	BE22231と同一。 英語で授業。 JTP その他の実施形態 オンライン
BC12241	International Education	1-D	2.0	2 - 4	SprAB	Tue3,4		Masako Shibata	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.	BE22521と同一。 英語で授業。 その他の実施形態 JTP リアルタイムとオンデマンド(録画視聴)
BC12291	Social Anthropology	1-B	2.0	2 - 4	Annual	Intensive		Toru Yamada	In this course, you will learn the basic concepts and ideas of 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. We will draw on what we learn about other cultures to learn something about our own culture(s) and about ourselves.	英語で授業。 JTP オンライン(同時双方向型) 実施方法はmanabaにて連絡
BC12921	Health Economics	1-F	2.0	2 - 4	SprAB	Thu5,6		Moges Abu Girma	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.	BE22861と同一。 英語で授業。 JTP

# Undergraduate Program of International Social Studies (社会国際学教育プログラム)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
BE21051	Academic Writing for Social Sciences II	1-F	2.0	1, 2	SprBC	Intensive		Rodolfo Delgado	This course will expand on the range of writing skills introduced in Writing I. The class will also study models of good writing with the aim of building challenging vocabulary and grammar. Tasks will be set both in class and at home. This course aims to build a solid foundation for academic writing, through analyzing the different writing communication styles, format, and language accuracy. It is very important to understand the kind of writing communication and style needed for academic papers and reports and how English communication and accuracy in writing is used for critical thinking and solving problems	For non-native. Lecture is conducted in English. JTP equivalent to "English Writing II" in 2010-2012.
BE21091	Japanese Learning Support III	1-F	2.0	1, 2	SprAB	Mon4,5		Takashi Tanaka	This course is designed to support you to acquire Japanese language skills, and also designed to deepen the Students' understanding of the lifestyle and culture of Japan using subjects that are appropriate for the students.	The number of students is limited to 25. This class is aiming for an equivalent of N3 of the Japanese Language Proficiency Test. JTP
BE21171	Law and Society in Japan	1-C	1.0	2 - 4	SprAB	Wed5		Wataru Miyasaka	This course is to provide an introduction to law and to the Japanese legal system. The topics covered by this course include the development of Japanese law, the basic structure of Japanese law, criminal and civil law of Japan and future prospects of Japanese law and legal system.	This course is available only for students who acquired the credit of Introduction to Law or students who register for Introduction to Law simultaneously. The number of students is limited to 20-25. Identical to BB28081. Lecture is conducted in English. JTP G-course Online(Asynchronous)
BE21181	Sociology of Contemporary Japan	1-F	2.0	1, 2	SprAB	Thu1,2		Urano Edson Ioshiaqui	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.	Limited to 35 students. Open in odd number years. Identical to BB11871. Lecture is conducted in English. JTP G-course Equivalent to "Social Issues in Contemporary Japan (BE21181)"
BE21861	Introduction to Economics	1-B	2.0	1, 2	SprAB	Mon1,2		Ikefuji Masako	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.	Students who have earned credits of BE21211 or BE21851 are not permitted to take this class. This course is equivalent to "Principles of Economics" (BE21861). Lecture is conducted in English. JTP G-course Online(Synchronous)
BE22231	Econometrics	1-D	2.0	2 - 4	SprAB	Tue1,2		YU ZHENGFEI	This course is an introduction to econometrics. We will begin with the linear regression model and its estimation and inference. Then we will cover linear models with endogeneity, linear panel models, limited dependent variables, and models used in program evaluations. This course prerequires Introductory Statistics.	Identical to BC12061. Lecture is conducted in English. JTP Hybrid or Others オンライン
BE22331	Economic Growth	1-B	2.0	2 - 4	SprAB	Wed5,6		Ikefuji Masako	This course introduces students to the 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.	Students who completed Principles of Economics/Introduction to Economics (BE21861) or other equivalent courses can register for this course. Students who completed Economic Growth (BE22801) cannot register for this course. Identical to BB41571. Lecture is conducted in English. JTP G-course Online(Synchronous)
BE22271	International Trade	1-D	2.0	2 - 4	SprAB	Wed1,2		Naito Hisahiro	As the economy becomes more globalized, it is becoming necessary to study the basic mechanism of international trade and its impact on welfare. In this course, we first study the concept of comparative advantage and study why countries will be engaged in international trade. Then, we study the impact on welfare by using several models. (The Ricardian, Heckscher-Ohlin and Specific Factor Model). Then, we study the monopoly model and its implication for international trade theory. In addition, we discuss the impact of international factor movement such as immigration and foreign direct investment.	Open in odd number years. Identical to BB41601, BC11411, and FH25051. Lecture is conducted in English. JTP Hybrid or Others オンライン
BE22501	Linguistic Anthropology	1-C	2.0	2 - 4	SprAB	Tue1,2		Ide Risako	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.	1限目のみ3A403教室で実施 Identical to BC11511. Lecture is conducted in English. Online(Asynchronous) JTP (former "Anthropological Linguistics")
BE22521	International Education	1-D	2.0	2 - 4	SprAB	Tue3,4		Shibata Masako	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.	Identical to BC12241. Lecture is conducted in English. Hybrid or Others JTP リアルタイムとオンデマンド (録画視聴)
BE22851	Mathematical Economics	1-F	2.0	2 - 4	SprAB	Mon5,6		Ikefuji Masako	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.	Identical to BB41561 and BC16011. Lecture is conducted in English. JTP



**College of Biological Sciences (生物学類)**

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
EB50211	Plant Taxonomy I	1-E	1.0	2, 3	SprAB	Fri2	2H101	Ishida Ken-ichiro	Diversity, classification, morphology, ultrastructure, life history and phylogeny of non-green algae — glaucophytes, rhodophytes, cryptophytes, chlorarachniophytes, euglenophytes, dinoflagellates, haptophytes, and stramenopiles.	Lecture is conducted in English. Biodiversity course GloBE Course Expected to attend all I, II, III through a year. JTP face-to-face Online(Asynchronous) EG20211 credit holders are ineligible.
EB62011	Genome Biology I	1-E	1.0	2, 3	SprAB	Tue1	2B412	kuwayama hidekazu	Lectures will cover basic knowledge on the structure and function of the genome, as well as technologies for DNA and genome analyses.	Lecture is conducted in English. Computational Biology & Bioinformatics Course GloBE Course JTP face-to-face Online(Asynchronous) EG22011 credit holders are ineligible.
EB63111	Molecular Evolution I	1-F	1.0	2, 3	SprAB	Mon2		Inagaki Yuji	Molecular evolution is a research field that aims to elucidate the evolution of organisms based on information macromolecules such as DNA and proteins. In this lecture, the basic concepts of molecular evolution and the basics of molecular phylogenetic methods will be explained.	Identical to FCC4121. Lecture is conducted in English. Computational Biology & Bioinformatics Course GloBE Course JTP
EB64111	Theoretical Ecology	1-B	1.0	2, 3	SprAB	Thu1		Tokunaga(Toque naga) Yukihiko	This course illustrates theoretical aspects of ecology with examples of laboratory experiments to connect mathematical expressions with ecological phenomena in nature.	Lecture is conducted in English. Computational Biology & Bioinformatics Course JTP Online(Synchronous) EG34111 credit holders are ineligible.
EB72911	Marine Biology I	1-E	1.0	2, 3	SprAB	Wed3	2H201	Inaba Kazuo, Agostini Sylvain, Leonard Georges	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.	Lecture is conducted in English. Molecular and Cellular Biology Course GloBE Course JTP face-to-face Online(Asynchronous) EG22911 credit holders are ineligible.
EB74111	Plant Physiology I	1-F	1.0	2, 3	SprAB	Fri1		Sato Shinobu, Furukawa Jun, Miura Kenji, Irving Louis John, Ono Michiyuki	In this lecture, the relationship between various physiological phenomena and the environmental factors in the life history of higher plant will be overviewed for the understanding from the viewpoint at whole plant to cell levels with adding the latest molecular biological findings.	Lecture is conducted in English. Molecular and Cellular Biology Course GloBE Course JTP EG24111 credit holders are ineligible.
EB74211	Metabolic and Physiological Chemistry I	1-E	1.0	2, 3	SprAB	Thu1	2H101	Suzuki Iwane	The main topics for this course will be photosynthetic energy conversion, primary and secondary carbon metabolism including C3, C4 and CAM metabolisms, photorespiration, and mitochondrial respiration.	Lecture is conducted in English. Molecular and Cellular Biology Course JTP face-to-face Online(Asynchronous) EG24211 credit holders are ineligible.
EB83141	Plant Biotechnology I	1-F	1.0	2, 3	SprC	Wed/Fri1-5		Watanabe Kazuo, Kikuchi Akira, Ono Michiyuki	Lectures will cover topics on plant biotechnology including control of flowering time, circadian rhythms, photoperiodic responses, organ size and responses to environmental stresses.	Lecture is conducted in English. Applied Biology course JTP Who has credit of EB83111 or EG33111 is ineligible.

### College of Physics (物理学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
FCC4121	Molecular Evolution I	1-F	1.0	4	SprAB	Mon2		Yuji Inagaki	分子進化学はDNAやタンパク質などの情報高分子に基づいて生物の進化を説明することを目指す研究分野である。本講義では、分子進化の基礎概念および分子系統樹法の基礎について解説する。	EB63111と同一。 英語で授業。 情報コース GloBEコース JTP

### College of Engineering Sciences (応用理工学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
FF00208	Laboratories Research	8-F	8.0	1	Annual	By Appointment		応用理工学類各教員	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.	JTP学生のみ対象 JTP その他の実施形態
FF00308	Laboratories Research	8-F	3.0	1	SprABC	By Appointment		応用理工学類各教員	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.	JTP学生のみ対象 JTP その他の実施形態

### College of Engineering Systems (工学システム学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
FG06058	Project	8-F	4.0	1	SprABC	By Request		工学システム学類各教員	The students will conduct individual research under the supervision of a professor.	JTP only

### College of Policy and Planning Sciences (社会工学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
FH00048	Independent Study A	8-F	3.0	1 - 4	Spring	By Appointment		社会工学類各教員	The students will do their own research under supervision of faculty members.	JTP学生のみ対象 英語で授業。 JTP
FH25051	International Trade	1-D	2.0	2 - 4	SprAB	Wed1,2		Hisahiro Naito	As the economy becomes more globalized, it is becoming necessary to study the basic mechanism of international trade and its impact on welfare. In this course, we first study the concept of comparative advantage and study why countries will be engaged in international trade. Then, we study the impact on welfare by using several models. (The Ricardian, Heckscher-Ohlin and Specific Factor Model). Then, we study the monopoly model and its implication for international trade theory. In addition, we discuss the impact of international factor movement such as immigration and foreign direct investment.	西暦奇数年度開講。 BB41601, BC11411, BE22271と同一。 英語で授業。 JTP その他の実施形態 オンライン

### College of Information Science (情報科学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
GB19968	Directed Research in Computer Science A	8-E	4.0	3 - 4	SprABC	By Appointment		Aranha Claus	受け入れ教員の指導のもと、特定のテーマについて、研究もしくはミニプロジェクトを行う。	JTP及び学類長が履修を認めた者に限る。80コマに相当する。春学期。 オンライン(オンデマンド型) オンライン(同時双方向型) 対面

# College of Medical Sciences (医療科学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
HE22031	Mastering the TOEFL Test	1-C	1.0	2	SprAB	Thu2		Thomas Mayers	TOEFL ITPの得点力向上に役立つリスニング、記述、読解のトレーニングを行う。TOEFLに出題される学術英語や、英語一般の理解力の向上も目指す。 This course focuses on giving students skills necessary to improve their TOEFL ITP score practical advice, useful tips, and practice. We will focus on 3 key areas: listening comprehension, structure and written expressions, and reading comprehension. Another goal of the course is to build up the students' academic English vocabulary that they will encounter in a TOEFL test and improve students' understanding of English texts in general.	医療科学類学生に限る。平成28年度以前入学生は自由科目として履修できる。オンライン授業。 オンライン(オンデマンド型)
HE24001	Basis of Reading of English Literatures on Medical Sciences	1-F	1.5	3・4	SprAB	Mon1	4B209	Kazuya Morikawa, Kazuko Shibuya, Aya Fukuda, Yuji Funakoshi, Kunio Kawanishi, Kazumasa Kanemaru	医学英語の論文(文献)を読むことで医学の技術や最新情報を得ることは、医療科学分野の学習や研究をするものにとって情報収集の基盤です。将来、自ら医学研究を計画し推進するに当たって、医学英語論文の構造を理解しながら、英文で研究成果を発信するための基盤を形成するために、「医学英語論文の読み方」の基礎を教授する。 Reading and understanding the scientific literature written in English is essential for scholar to obtain information and make discussion with scientists. This subject is aimed to form the basic behavior and manner to present the knowledge obtained by reading the literature to other colleagues.	平成30年度以前の入学生対象。 英語で授業。 医療科学類学生3・4年次(国際医療科学専攻を含む)に限る。2年次生の履修は事前に担当教員の了承を要する
HE42031	Clinical pharmacology	1-F	1.0	3	SprC	Intensive		Norihiko Obayashi, Yuji Funakoshi	臨床で用いられるいろいろな薬物について、特有の効果を発現するメカニズムについて学ぶ。薬物の適応症と禁忌について理解させる。これらを通じて生体機能についての理解を深める。 ●Learn mechanisms of action of drugs practically used in clinical medicine. ●Through the study of drug actions, you will learn various biological functions in the human body as well as side effects, deleterious effects and effectiveness of drugs. ●Understand pathophysiology of major disorders through the concepts of drug therapies.	国際医療科学専攻学生に限る。英語で授業。 英語で授業。
HE41241	Genetic Testing and Chromosome Analysis	1-F	1.0	3	SprBC	Intensive		Emiko Noguchi	Students will learn the basic knowledge of DNA, chromosome and genetics of the diseases through lectures and e-learning. The date of the classes will be announced. The instructor will provide materials (handout, text and e-learning materials) and students are expected to learn the materials prior to the class. At the class, the instructor and students will discuss the contents of the materials provided and students will take short tests.	医療科学類国際医療科学専攻学生に限る。英語で授業。 英語で授業。 詳細後日周知
HE42021	Immunology	1-C	2.0	3・4	Annual	By Request		Akira Shibuya, Kazuko Shibuya, Satoko Tahara, Chigusa Oda	免疫システムの基本を学ぶとともに、免疫学の最近のトピックスを紹介し、議論する。	国際医療科学専攻学生に限る。英語で授業。 英語で授業。 オンライン(オンデマンド型)
HE33053	Practice of Immunology	3-A	1.0	3	SprA	Intensive		Kazuko Shibuya, Satoko Tahara, Chigusa Oda, Kazuki Sato, Tsukasa Nabekura	臨床で行われている種々の免疫検査法を血清学的手法と細胞免疫学的手法の2面から教授し、免疫検査の基本的な手法に習熟させる。判定結果の解釈および検体の保存方法、免疫検査全般について十分な技能を身に付けさせる。 In this course, students will learn the principle and the basic technique of immunological test.	医療科学類学生に限る。記載している実施日程以外の授業日は担当教員より指示する。 4/12-4/22 詳細後日周知 対面
HE40091	Topics in Medical Sciences II	1-F	1.0	4	SprBC	Tue4		Hisatake Koji, Ho Kiong	医学の各専門領域に関する主体的な学習、討論を通して医学研究の理解を深める。 This course provides students with the opportunity to make presentations and discussions on medical science topics.	医療科学類国際医療科学専攻学生に限る。英語で授業。
HE40263	Seminar on Medical Sciences	3-F	1.0	3	Annual	By Request		Norihiko Obayashi	医学に関する演習課題について主体的に調査、解答を行い、医学の理解をさらに深める。	国際医療科学専攻G30コース学生に限る。英語で授業。 英語で授業。
HE40273	Graduation Research	3-F	8.0	4	Annual	By Request		Norihiko Obayashi	指導教員の指導のもとにテーマを設定して研究を行う。これにより医学研究遂行に必要な基礎的・技術的修得および問題解決能力の体得を図る。	国際医療科学専攻G30コース学生に限る。英語で行う。 英語で授業。

## Japanese Language Courses

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
3901072	Comprehensive Japanese 4 Grammar A	2-B	1.0	1	SprABC	Tue1		Yiyin Chen	中級前期レベルに必要な文法項目を取り上げ、意味、用法、使い方について学ぶ。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901092	Comprehensive Japanese 4 Speaking and Listening A	2-B	1.0	1	SprABC	Fri1		Chinami Yamamoto	身近なテーマや話題に関する簡単な発話を正確に聞き取れるようになる。簡単な発表とその聞き取りができるようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901112	Comprehensive Japanese 4 Reading and Writing A	2-B	1.0	1	SprABC	Thu1		Mitsuko Kido	よく知っている事柄について、まとまりのある文章が読めたり、書けたりするようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901132	Comprehensive Japanese 5 Grammar A	2-B	1.0	1	SprABC	Tue2		Jiro Nakano	中級中期レベルに必要な文法項目を取り上げ、意味、用法、使い方について学ぶ。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901152	Comprehensive Japanese 5 Speaking and Listening A	2-B	1.0	1	SprABC	Fri2		Keiko Hori	身近な話からやや専門性の高いものを聞き、理解したこと、考えたことを的確に口頭で伝え、自分の意見を話すことができる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901172	Comprehensive Japanese 5 Reading and Writing A	2-B	1.0	1	SprABC	Thu2		Shinobu Yanagita	身近な話からやや専門的な事柄について、まとまりのある文章が読めたり、書けたりするようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901192	Comprehensive Japanese 1 A	2-B	4.0	1	SprABC	Tue・Wed・Thu・Fri4		Masaki Ono, Changyun Moon, Nobuko Kaneko, Shinobu Yanagida	初歩的な日常場面でのコミュニケーションができるようになる。話す・聞くの技能においては、単文や簡単な複文が理解でき、単文レベルの産出、読む・書くについては、身近なテーマについて、ひらがな・カタカナ・既習漢字で極簡単な文章を読み、書くトレーニングを行う。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901212	Comprehensive Japanese 2 A	2-B	4.0	1	SprABC	Tue・Wed・Thu・Fri2		Masaki Ono, Changyun Moon, Nobuko Kaneko, Minako Abe	日本語・日本文化の理解を深めながら、必要な情報をとることなど日常的な場面でのコミュニケーションができるようになる。話す・聞くの技能においては、複文や簡単な段落レベルで理解でき、複文で産出ができる。読む・書くについては、身近なテーマについて、ひらがな・カタカナ・既習漢字でやや長いまとまりのある文章が書けて、読める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901232	Comprehensive Japanese 3 A	2-B	4.0	1	SprABC	Tue・Wed・Thu・Fri3		Bushnell Cade Conlan, Hyeonjeong Kim, Minako Abe	日本語・日本文化の理解を深めながら、日常的な場面でのコミュニケーションができるようになる。話す・聞くの技能においては、複文や簡単な段落レベルで理解でき、複文や段落で産出ができる。読む・書くについては、身近なテーマについて、ひらがな・カタカナ・既習漢字でやや複雑な文章が書けて、読める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901252	Comprehensive Japanese 4 Seminar A	2-B	1.0	1	SprABC	Wed1		Jiro Nakano	大学の授業を受講するにあたり必要な日本語力およびスキルを身に付け、全般的な日本語運用力を高める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901272	Comprehensive Japanese 5 Seminar A	2-B	1.0	1	SprABC	Wed2		Jiro Nakano	大学の授業を受講するにあたり必要な日本語力およびスキルを身に付け、全般的な日本語運用力を高める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901292	Comprehensive Japanese 6 Grammar A	2-B	1.0	1	SprABC	Tue3		Mami Ishida	中級後半・上級レベルの文法を学び、使えるようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901312	Comprehensive Japanese 6 Speaking and Listening A	2-B	1.0	1	SprABC	Fri3		Keiko Hori	やや専門的な内容の解説やスピーチができ、また聞いて理解できるようになる。また対人関係に基づく表現を正確に使えるようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901332	Comprehensive Japanese 6 Reading and Writing A	2-B	1.0	1	SprABC	Thu3		Kenichi Nakayama	やや専門性の高いものを読み、理解したこと、考えたことを的確に口頭および文章で伝えることができる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901352	Comprehensive Japanese 6 Seminar A	2-B	1.0	1	SprABC	Wed3		Noe Yamada	大学の授業を受講するにあたり必要な日本語力およびスキルを身に付け、全般的な日本語運用力を高める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901372	Comprehensive Japanese 7 Grammar A	2-B	1.0	1	SprABC	Tue4		Yiyin Chen	上級レベルの文法を学び、使えるようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901392	Comprehensive Japanese 7 Speaking and Listening A	2-B	1.0	1	SprABC	Fri4		Ai Sukegawa	社会・文化に関する話題について、その内容を理解する。内容をまとめ、それについて自分の意見を他者にわかりやすく説明することができる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
3901412	Comprehensive Japanese 7 Reading and Writing A	2-B	1.0	1	SprABC	Thu4		Kenichi Nakayama	専門性の高いものを読み、理解したこと、考えたことを的確に口頭および文章で伝えることができる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901432	Comprehensive Japanese 7 Seminar A	2-B	1.0	1	SprABC	Wed4		Jiro Nakano	大学の授業を受講するにあたり必要な日本語力およびスキルを身につけ、全般的な日本語運用力を高める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901452	Varieties of Japanese I A	2-B	1.0	1	SprABC	Tue5		Mami Ishida	方言をはじめ、世代、立場、キャラクターによる表現・ことばなど、様々な日本語に触れ、日本語を楽しむ。 日本語に対する知識を深める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901472	Varieties of Japanese II A	2-B	1.0	1	SprABC	Mon5		Masaki Ono	日本語の歴史、方言などの様々なジャンルや目的の日本語に触れ、日本語に対する知識を深める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901552	Japanese Project II A	2-B	1.0	1	SprABC	Thu5		Shinobu Yanagita	日常生活の場面や特定の場所・時間帯で使用される日本語について、演劇を通じて発話のタイミング・自然な日本語の表現等を身につける、それらを使用できるようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901592	Japanese Project Work A	2-B	1.0	1	SprABC	Fri5		Mio Sekiguchi	各自が設定したテーマに沿ってプロジェクトワークを行う。これまで学習してきた日本語を駆使し、生の日本語に触れ、語彙、表現を広げることを目指す。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901612	Japanese socio-cultural studies (taught in English) A	2-B	1.0	1	SprABC	Mon5		Vanbaelen Ruth	Get familiar with Japanese society and culture, and deepen your understanding of Japanese language. (日本の社会や文化などに親しみ、日本語に対する知識を深める。)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 英語で授業。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901662	Japanese issues(Culture)(taught in English) A	2-B	1.0	1	SprABC	Fri5		Chinami Yamamoto	Deepen your understanding of Japanese culture. (日本の文化などに対する知識を深める。)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 英語で授業。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902012	Kanji 1 A	2-B	1.0	1	SprABC	Mon1		Shinobu Yanagida	漢字の表意性を理解し、字形の識別、構造の識別することができる。日常生活においてよく目にする漢字を調べたり、覚え方を工夫したりすることができる。(BKB L1-11)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902032	Kanji 2 A	2-B	1.0	1	SprABC	Mon1		Yiyin Chen	漢字の字形の構造性を理解し、部首、音符などが識別できる。漢字の訓読みと音読みがわかる。日常生活および学生生活においてよく目にする漢字を調べたり、覚え方を工夫したりすることができる。(BKB L11-22)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902052	Kanji 3 A	2-B	1.0	1	SprABC	Mon2		Shinobu Yanagita	初級の漢字語彙を覚え、音読み、訓読みの読み分けができる。漢字を使ったやさしい読み物が読め、簡単な文を書くことができる。(BKB L23-35)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902072	Kanji 4 A	2-B	1.0	1	SprABC	Mon2		Yiyin Chen	初級後半の漢字語彙を覚え、音読み、訓読みの読み分けができる。漢字を使ったやさしい読み物を辞書を使いながら読め、簡単な作文を書くことができる。(BKB L36-45)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902092	Kanji 5 A	2-B	1.0	1	SprABC	Mon3		Eri Mitani	中級の漢字語彙の読み書きを覚えながら、正確に運用できるようにする。学習者自身が自分の弱みに気づき、それを克服するための方法を工夫できるようにする。(IKB vol.1 L1-5)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902112	Kanji 6 A	2-B	1.0	1	SprABC	Mon3		Yiyin Chen	中上級の漢字語彙の読み書きを覚えながら、正確に運用できるようにする。学習者自身が読みたいものから漢字および漢字語彙を抽出し、使えるようにするための方法を工夫できるようにする。(IKB vol.1 L6-10)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902132	Kanji 7 A	2-B	1.0	1	SprABC	Mon4		Mami Ishida	上級の漢字語彙の読み書きを覚えながら、教育心理学などの文系と、科学技術などの理系分野によって語彙を適切に使い分けられるようにする。学習者自身が読みたいものから漢字および漢字語彙を抽出し、使えるようにするための方法を工夫できる。(IKB vol.2 L1-5)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902232	Kanji 8 A	2-B	1.0	1	SprABC	Mon5		Mami Ishida	上級の漢字語彙の読み書きを覚えながら、地球科学、経済・金融、歴史などの専門分野によって語彙を適切に使い分けられるようにする。学習者自身が読みたいものから漢字および漢字語彙を抽出し、使えるようにするための方法を工夫できる。(IKB vol.2 L6-10)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 3902152習得済みの者は履修できない。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。

## Multidisciplinary Subjects (Japanese) / 共通科目等 (日本語)

These subjects are established for international students or returnee students who have attended secondary education in a foreign country for a considerable period of time. The lectures are given in Japanese. Those students who wish to attend the courses listed below should consult instructors before registration.

外国人留学生及び外国において相当の期間、中等教育を受けた学生（帰国生）を対象に設けられた科目で、日本語による講義です。受講を希望する人は履修登録をする前に担当教員に相談してください。

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
3910312	Japanese Listening I-A	2-B	1.0	1・2	SprABC	Tue5		Yuko Seki	大学の授業に必要な聴解能力の訓練を行う。聞いて理解できる語彙・表現を増やすとともに、テーマ、話の流れ、要点をつかむ練習を中心に行なう。	外国人留学生及び帰国生徒等が履修可能。受講人数制限あり。日本語聴解A修得済みの者は履修できない。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3910412	Japanese Reading I-A	2-B	1.0	1・2	SprABC	Mon4		Masaki Ono	大学の授業に必要な読解能力のトレーニングを行う。要約、キーワード抽出、同一テーマの記事探しを行った上で、参加者間で議論を行う。	外国人留学生及び帰国生徒等が履修可能。受講人数制限あり。日本語読解A修得済みの者は履修できない。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3910512	Japanese Composition I-A	2-B	1.0	1・2	SprABC	Thu5		Chisato Sugiura	短文練習と宿題のフィードバックと講義を通して、小論文の構成や表現を学び、作文力を身につける。	外国人留学生及び帰国生徒等が履修可能。受講人数制限あり。日本語作文A修得済みの者は履修できない。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3910612	Seminar in Japanese Language I-A	2-B	1.0	1・2	SprABC	Wed4		Yukiko Hirakata	大学生活に必要な公の場における日本語でのコミュニケーション能力、基礎的な口頭発表能力を身につけることを目的とし、ディスカッション及びプレゼンテーションを重視したプロジェクトワークを行う。また、問題提起から問題解決に至る方法を協同的、自律的に学ぶ。	外国人留学生及び帰国生徒等が履修可能。受講人数制限あり。日本語演習A修得済みの者は履修できない。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。

## Fall Semester (October 2021 - March 2022)

### Courses Open to Exchange Students

#### Multidisciplinary Subjects (総合科目)

##### Multidisciplinary Subjects I

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
1390111	Living in Japan as Foreign Students	1-F	1.0	1	FallAB	Fri3		Urano Edson Ioshiaqui, Crawford Shaney	This course will provide clear explanations by using specific examples of legal and social rules foreign students must know for their lives in Japan. In particular, lectures will be focused on legal and administrative procedures required for studying, employment and settlement, by illustrating immigration control, the precautions for the limits of the non-academic activities regarding part-time jobs, visa application required for job hunting and job hunting after graduation, visa application required after the employment or in case of unemployment, marriage to a Japanese or a foreigner, and family life.	For students in Undergraduate Program of International Social Studies, JTP and other international students JTP CDP

##### Multidisciplinary Subjects II

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
1A90011	Japanese Issues I (Japanese Nature and Geography)	1-B	1.0	1, 2	Spr Vac	Intensive		Yamamoto Chinami	In this course, we will read about and discuss various topics relating to the nature and geography of Japan.	Limited to 30 students. Priority is given to EP Students. Lecture is conducted in English. JTP Online(Synchronous) Details will be given in class or posted on manaba.
1A90081	Food and Forest	1-C	1.0	1, 2	FallAB	Mon2		Kang Seung Won	This course introduces crop plants, domestic animals and trees and their products in relation to culture, society, economy and environment.	JTP Lecture is conducted in English. JTP Online(Asynchronous)
1B90031	Japanese Issues III (Japanese Life and Culture)	1-B	1.0	1, 2	FallAB	Mon1		Yamamoto Chinami	In this course, we will read about and discuss various topics relating to the history, traditions, and people of Japan.	Limited to 30 students. Priority is given to EP Students. Open in odd number years. Lecture is conducted in English. JTP Online(Synchronous) Details will be given in class or posted on manaba.
1B90051	Japanese Issues IV (Japanese Language and Society)	1-B	1.0	1, 2	FallC	Fri1,2		Ruth Vanbaelen	In this course, we will read about and discuss various topics relating to the Japanese language and its relation to Japanese culture and society.	Limited to 30 students. Priority is given to EP Students. Lecture is conducted in English. JTP Online(Synchronous) Details will be given in class or posted on manaba.
1B90071	Japanese Issues V (Japanese Socio-culture)	1-B	1.0	1, 2	Spr Vac	Intensive		Ruth Vanbaelen	In this course, we will read about and discuss various topics on society and culture relating to Japan and the Japanese.	Limited to 30 students. Priority is given to EP Students. Lecture is conducted in English. JTP Online(Synchronous) Details will be given in class or posted on manaba.
1B90081	Japanese Issues VI (Living and Learning among the Japanese)	1-B	1.0	1, 2	FallAB	Fri2		Ruth Vanbaelen	In this course, we will read about and discuss various topics relating to learning Japanese in Japan.	Limited to 30 students. Priority is given to EP Students. Lecture is conducted in English. JTP Online(Synchronous) Details will be given in class or posted on manaba.
1C90031	Career Design I	1-B	1.0	1, 2	FallAB	Mon2		Yamamoto Chinami	In this course, we will read about and discuss various topics related to employment following graduation. Some topics may include: employment in Japan, basic knowledge of Japan, history of politics and economy, work habits, human relationships, etc.	Limited to 30 students. Priority is given to EP Students. Lecture is conducted in English. JTP Online(Synchronous) Details will be given in class or posted on manaba.
1C90071	Career Design II	1-B	1.0	1, 2	FallC	Mon1,2		Yamamoto Chinami	In this course, we will read about and discuss various topics related to current Japanese issues which will be beneficial for employment following graduation.	Limited to 30 students. Priority is given to EP Students. Lecture is conducted in English. JTP Online(Synchronous) Details will be given in class or posted on manaba.

##### Multidisciplinary Subjects III

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
1E90011	Topics in Social Sciences	1-F	1.0	3, 4	FallAB	Wed2		Moges Abu Girma	This course deals with advanced and contemporary topics in social sciences from the conceptual, practical, and public policy perspectives. The course will cover topics ranging from economic development, inequality and poverty, inter-and-intra national migration, political economics of public policies, sustainable development, and the prospects as well as the challenges of globalization.	Identical to 1490011. Lecture is conducted in English. JTP

## College of Japanese Language and Culture (日本語・日本文化学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
AE13E81	Introduction to Japanese Culture	1-A	1.0	2	FallAB	Tue6	2H201	Nobutaka Suzuki	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.	2018年度以前の日本語・日本文化学類入学者はAE12に相当。This course is taught in English. 英語で授業。 JTP G科目 対面

## College of Social Sciences (社会学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
BB11861	Transnational Social Policy	1-F	2.0	2 - 4	FallAB	Thu1,2		Edson Ioshiaqui Urano	Globalization has brought many changes in social life, including increasing flows of financial resources, goods and persons. Among the new challenges these changes pose to governments and civil society is the need to create new social agenda and to develop social policies. The aim of this course is to discuss these challenges for the 21st Century from a transnational perspective.	Biennial Course (offered in odd years) 西暦奇数年度開講。 BC11471, BE22401と同一。 英語で授業。 JTP G科目
BB41401	Contemporary Issues in Developing Countries	1-F	2.0	2 - 4	FallAB	Fri4,5		Nakano Yuko	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.	BC12121, BE22871と同一。 英語で授業。 JTP

## College of International Studies (国際総合学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
BC51081	Intro-Intermediate Macroeconomics	1-D	2.0	2	FallAB	Wed1,2		Hisahiro Naito	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.	BE21231と同一。 英語で授業。 JTP その他の実施形態 オンライン
BC51161	Media Politics	1-B	2.0	1 - 3	FallAB	Wed3,4		Leslie Tkach Kawasaki	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 and theoretical perspectives. Special emphasis is placed on the use of the internet and "new media" by political actors for the purpose of effecting political outcomes.	BE21241と同一。 英語で授業。 オンライン(同時双方向型) JTP
BC11121	International Politics	1-D	2.0	2 - 4	FallAB	Tue5,6		Takafumi Ohtomo	This course examines various theories and cases to understand the dynamics of international politics.	BE22071と同一。 英語で授業。 JTP その他の実施形態 オンライン
BC11351	Globalization and Development	1-F	2.0	2 - 4	FallAB	Tue・Fri2	3B402	Nathan Gilbert Quimpo	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. There will be lectures, videos, discussions and debates on globalization theory, major development issues, politics in the developing world, and the impact of globalization on developing countries.	BE22471と同一。 英語で授業。 JTP G科目
BC11471	Transnational Social Policy	1-F	2.0	2 - 4	FallAB	Thu1,2		Edson Ioshiaqui Urano	Globalization has brought many changes in social life, including increasing flows of financial resources, goods and persons. Among the new challenges these changes pose to governments and civil society is the need to create new social agenda and to develop social policies. The aim of this course is to discuss these challenges for the 21st Century from a transnational perspective.	Biennial Course (offered in odd years) 西暦奇数年度開講。 BB11861, BE22401と同一。 英語で授業。 JTP G科目
BC11881	Japanese Economy	1-F	2.0	2 - 4	FallAB	Mon5,6	3B203	Yoshinori Kurokawa	The main purpose of this course is to understand basic historical 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 students is to be more interested in Japan. As a prerequisite, this course requires BC51061 Introductory Microeconomics and BC51071 International Economics, or equivalent.	BE22221と同一。 英語で授業。 JTP その他の実施形態 授業方法はシラバス参照
BC11911	Japanese Foreign Policy	1-F	2.0	2 - 4	FallAB	Mon3,4		Pan Liang	This course examines the historical background of modern Japan's foreign policymaking from early 1890s till the end of the Second World War (1945). Main emphasis of the lectures will be placed on the interaction between Japanese domestic politics and foreign affairs.	西暦奇数年度開講。 BE22031と同一。 英語で授業。 JTP その他の実施形態 オンライン



Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
BC16021	History of Economic Thought	1-D	2.0	2 - 4	FallAB	Thu5,6		Moges Abu Girma	The course is about the history, philosophy and evolution of economic ideas and thoughts. We review critically the different schools of economic thoughts from the classical to the modern schools to provide students with a comprehensive understanding of the origin, evolution, arguments, and philosophy of economics and the economists behind such powerful ideas.	The course is conducted online for the fall semester on MS Teams system. BE22821と同一。英語で授業。JTP
BC12121	Contemporary Issues in Developing Countries	1-F	2.0	2 - 4	FallAB	Fri4,5		Nakano Yuko	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.	BB41401, BE22871と同一。英語で授業。JTP
BC51081	Intro-Intermediate Macroeconomics	1-D	2.0	2	FallAB	Wed1,2		Hisahiro Naito	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.	BE21231と同一。英語で授業。JTP その他の実施形態 オンライン
BC51161	Media Politics	1-B	2.0	1 - 3	FallAB	Wed3,4		Leslie Tkach Kawasaki	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 and theoretical perspectives. Special emphasis is placed on the use of the internet and "new media" by political actors for the purpose of effecting political outcomes.	BE21241と同一。英語で授業。オンライン(同時双方向型) JTP
BC51181	Statistics	1-D	2.0	1 - 3	FallAB	Tue1,2		Yu Zhengfei	This course is a formal introduction to Statistics. No prior knowledge of probability and statistics is required as all concepts will be developed from the ground up. We will cover a range of topics including descriptive statistics, basics 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.	BE22321と同一。英語で授業。JTP その他の実施形態 オンライン
BC51314	English Discussion Seminar (A)	4-A	2.0	1・2	FallAB	Wed5,6	3A207	Risako Ide	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 learn discussion skills through pair work and group activities as well as basic presentation skills. As for international students wishing to take this course, priority will be given to non-native English speaker students.	国際総合学類生のうち、2021年度入学者については別途クラス分けを指示する。原則として、国際総合学類の学生のみ履修可。履修者上限30名。BC51311を履修済みの学生は履修できない。英語で授業。JTP 対面
BC51324	English Discussion Seminar (B)	4-D	2.0	1・2	FallAB	Wed5,6		Charles Edward Covell	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.	国際総合学類生のうち、2021年度入学者については別途クラス分けを指示する。原則として、国際総合学類の学生のみ履修可。履修者上限30名。BC51321を履修済みの学生は履修できない。英語で授業。JTP その他の実施形態 オンライン
BC51334	English Discussion Seminar (C)	4-D	2.0	1・2	FallC	Thu・Fri3,4		Leslie Tkach Kawasaki	During this course, students will participate in weekly discussions concerning current events, emphasizing media, politics, and news. We will also do a combination of pairwork exercises and small-group exercises.	国際総合学類生のうち、2021年度入学者については別途クラス分けを指示する。原則として、国際総合学類の学生のみ履修可。履修者上限30名。BC51331を履修済みの学生は履修できない。英語で授業。JTP その他の実施形態 オンライン

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
BC12251	Outline of Japanese Education	1-D	2.0	2 - 4	FallAB	Tue3,4		Masako Shibata	This course is offered to 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.	BE22551と同一。 英語で授業。 その他の実施形態 JTP リアルタイムとオンデマンド (録画視聴)

### Undergraduate Program of International Social Studies (社会国際学教育プログラム)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
BE21871	Monetary Economics	1-D	2.0	3, 4	FallAB	Tue1,2		Moges Abu Girma	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 over time and across countries and its implications on economic welfare indicators.	The course is conducted online for the fall semester using the MS Teams and reading materials are uploaded on Manaba system. Lecture is conducted in English. JTP G-course
BE21041	Academic Writing for Social Sciences I	1-D	2.0	1, 2	FallC	Tue1,2 Wed/Fri2		Salazar Javier	This course will be an introduction of grammar and the elements of academic writing. The class will study models of good writing with the aim of building challenging vocabulary and sentence structure. Tasks will be set both in class and at home. This course aims to build a solid foundation for academic writing, through analyzing the different writing communication styles, format, language accuracy and problem solving. It is very important to understand the kind of writing communication and style needed for academic papers and reports and how English communication and accuracy in writing is used for critical thinking and problem solving.	Tuesdays: Online(Synchronous). Wednesdays and Fridays: Online(Asynchronous). For non-native. Lecture is conducted in English. JTP Online(Asynchronous) Online(Synchronous) equivalent to " English Writing I" in 2010-2012.
BE21071	Japanese Learning Support I	1-F	2.0	1, 2	FallAB	Mon4,5		Takashi Tanaka	This course is designed to support you to acquire Japanese language skills, and also designed to deepen the Students' understanding of the lifestyle and culture of Japan using subjects that are appropriate for the students.	The number of students is limited to 25. This class is aiming for an equivalent of N2 of the Japanese Language Proficiency Test. JTP
BE21081	Japanese Learning Support II	1-F	2.0	1, 2	FallC	Mon4,5 Fri3,4		Takashi Tanaka	This course is designed to support you to acquire Japanese language skills, and also designed to deepen the Students' understanding of the lifestyle and culture of Japan using subjects that are appropriate for the students.	The number of students is limited to 25. This class is aiming for an equivalent of N2 (N3) of JLPT. JTP
BE21121	Contemporary World Politics	1-F	2.0	1, 2	FallC, Spr Vac	Intensive		Hall Jeffrey J	In this course, students will learn the major academic approaches to the study of international relations and apply them to contemporary political issues. Topics covered include: Japan's relations with other countries, the rise of China, the decline of American power, the role of international organizations in preserving peace, nuclear weapons, and international terrorism.	JTP Lecture is conducted in English. JTP G-course
BE21151	Readings of Japanese Studies	1-F	2.0	2	FallB	Intensive		Takuya Hasegawa	The course introduce students to perspectives on contemporary Japan.	equivalent to "Readings of Japanese Studies I" in 2010 Lecture is conducted in English. JTP G-course
BE21231	Intro-Intermediate Macroeconomics	1-D	2.0	2	FallAB	Wed1,2		Naito Hisahiro	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.	Identical to BC51081. Lecture is conducted in English. JTP Hybrid or Others オンライン
BE21241	Media Politics	1-B	2.0	1 - 3	FallAB	Wed3,4		Kawasaki Leslie Tkach	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 and theoretical perspectives. Special emphasis is placed on the use of the internet and "new media" by political actors for the purpose of effecting political outcomes.	JTP Identical to BC51161. Lecture is conducted in English. Online(Synchronous)
BE21871	Monetary Economics	1-D	2.0	3, 4	FallAB	Tue1,2		Moges Abu Girma	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 over time and across countries and its implications on economic welfare indicators.	The course is conducted online for the fall semester using the MS Teams and reading materials are uploaded on Manaba system. Lecture is conducted in English. JTP G-course
BE22071	International Politics	1-D	2.0	2 - 4	FallAB	Tue5,6		Ohtomo Takafumi	This course examines various theories and cases to understand the dynamics of international politics.	Identical to BC11121. Lecture is conducted in English. JTP Hybrid or Others オンライン

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
BE22031	Japanese Foreign Policy	1-D	2.0	2 - 4	FallAB	Mon3,4		Pan Liang	This course examines the historical background of modern Japan's foreign policymaking from early 1890s till the end of the Second World War (1945). Main emphasis of the lectures will be placed on the interaction between Japanese domestic politics and foreign affairs.	Open in odd number years. Identical to BC11911. Lecture is conducted in English. JTP Hybrid or Others オンライン
BE22221	Japanese Economy	1-D	2.0	2 - 4	FallAB	Mon5,6	3B203	Kurokawa Yoshinori	The main purpose of this course is to understand basic historical 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 students is to be more interested in Japan. As a prerequisite, this course requires BC51061 Introductory Microeconomics and BC51071 International Economics, or equivalent.	Identical to BC11881. Lecture is conducted in English. JTP Hybrid or Others See the syllabus for how to attend the class.
BE22321	Statistics	1-D	2.0	2	FallAB	Tue1,2		YU ZHENGFEI	This course is a formal introduction to Statistics. No prior knowledge of probability and statistics is required as all concepts will be developed from the ground up. We will cover a range of topics including descriptive statistics, basics 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.	2016年度までのBC12031「統計科学」の単位を取得した者は履修不可。 Identical to BC51181. Lecture is conducted in English. JTP Hybrid or Others
BE22401	Transnational Social Policy	1-F	2.0	2 - 4	FallAB	Thu1,2		Urano Edson Ioshiaqui	Globalization has brought many changes in social life, including increasing flows of financial resources, goods and persons. Among the new challenges these changes pose to governments and civil society is the need to create new social agenda and to develop social policies. The aim of this course is to discuss these challenges for the 21st Century from a transnational perspective.	Biennial Course (offered in odd years) Open in odd number years. Identical to BB11861 and BC11471. Lecture is conducted in English. JTP G-course
BE22471	Globalization and Development	1-F	2.0	2 - 4	FallAB	Tue/Fri2	3B402	Quimpo Nathan Gilbert	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. There will be lectures, videos, discussions and debates on globalization theory, major development issues, politics in the developing world, and the impact of globalization on developing countries.	Identical to BC11351. Lecture is conducted in English. JTP G-course
BE22551	Outline of Japanese Education	1-D	2.0	2 - 4	FallAB	Tue3,4		Shibata Masako	This course is offered to 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.	Identical to BC12251. Lecture is conducted in English. Hybrid or Others JTP リアルタイムとオンデマンド（録画視聴）
BE22821	History of Economic Thought	1-D	2.0	2 - 4	FallAB	Thu5,6		Moges Abu Girma	The course is about the history, philosophy and evolution of economic ideas and thoughts. We review critically the different schools of economic thoughts from the classical to the modern schools to provide students with a comprehensive understanding of the origin, evolution, arguments, and philosophy of economics and the economists behind such powerful ideas.	The course is conducted online for the fall semester on MS Teams system. Identical to BC16021. Lecture is conducted in English. JTP
BE22871	Contemporary Issues in Developing Countries	1-F	2.0	2 - 4	FallAB	Fri4,5		Nakano Yuko	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.	Identical to BB41401 and BC12121. Lecture is conducted in English. JTP

## College of Disability Sciences (障害科学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
CE00011	Disability Sciences in Japan	1-D	1.0	1・2	Fall/C	Intensive		Hisae Miyaochi	日本の障害科学について、最近の研究をもとに分かりやすく解説する。	障害科学類の正規学生も受講できる。 英語で授業。 JTP G科目 その他の実施形態 オンライン(オンデマンド型)、オンライン(同時双方向型)併用

## College of Biological Sciences (生物科学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
EB50221	Plant Taxonomy II	1-E	1.0	2, 3	Fall/AB	Fri2	2H101	Nakayama Takeshi	Diversity, classification, morphology, ultrastructure, life history and phylogeny of green plants, including chlorophytes and land plants.	Lecture is conducted in English. Biodiversity course Expected to attend all I, II, III through a year. JTP face-to-face Online(Asynchronous) EG30221 credit holders are ineligible.
EB59101	Protistology	1-E	1.0	2 - 4	Fall/C	Fri2,3	2H101	Ishida Ken-ichiro, Degawa Yosuke, Numata Osamu, Kuwayama Hidekazu, Miyamura Shinichi	Topics in protistology. Cellular evolution, cell biology, sex and reproduction, phylogeny and ecology of protists will be the subjects of this lecture.	Lecture is conducted in English. Biodiversity course JTP face-to-face Online(Asynchronous) EG39101 credit holders are ineligible.
EB59151	Vertebrate Evolution	1-E	1.0	2 - 4	Fall/AB	Mon3	2B507	Irving Louis John	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. This course will have a strong evolutionary biology focus.	Lecture is conducted in English. Biodiversity course GloBE Course JTP face-to-face Online(Asynchronous)
EB60014	Programming I	4-B	1.0	2, 3	Fall/AB	Thu1		Tokunaga(Toque naga) Yukihiro	In this lecture, students learn programming techniques for manipulating a variety of data. They will also learn simulation techniques with individual-based models. The programming language used is Ruby.	Lecture is conducted in English. Computational Biology & Bioinformatics Course JTP Online(Synchronous) EG20014 credit holders are ineligible.
EB63141	Evolutionary Developmental Biology	1-E	1.0	2, 3	Fall/AB	Mon2	2B411	Wada Hiroshi	This course will focus on how molecular evolution of the genome and evolution of the morphology are related. After learned about several kinds of molecular evolutionary processes, students will learn how the genome construct the 3D morphology during embryogenesis. Combining what they learned about molecular evolution and developmental biology, students will learn several topics where the morphological evolution is linked with the molecular evolution of genome.	Lecture is conducted in English. Computational Biology & Bioinformatics Course JTP face-to-face Online(Asynchronous)
EB64021	Biometry II	1-B	1.0	2, 3	Fall/AB	Fri3		Tokunaga(Toque naga) Yukihiro	This lecture introduces the dark side of statistics. Starting with randomization techniques, students learn relationships among different domains of statistical ideas: parametric, nonparametric, null hypothesis significance testing, information-theoretic methods, and the Bayesian methods.	Lecture is conducted in English. Computational Biology & Bioinformatics Course JTP Online(Synchronous) EG34021 credit holders are ineligible.
EB71031	Cell Biology III	1-E	1.0	2, 3	Fall/AB	Thu3	2C404	Chiba Tomoki	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.	Lecture is conducted in English. Molecular and Cellular Biology Course GloBE Course JTP face-to-face Online(Asynchronous) EB71131 or EG35131 credit holders are ineligible.
EB72121	Developmental Biology II	1-E	1.0	2, 3	Fall/AB	Tue3	2H101	Niwa Ryusuke, Kobayashi Satoru, Sasakura Yasunori, Yaguchi Shunsuke, HAYASHI YOSHIKI, HAYASHI MAKOTO, Shimada Yuko, Okamoto Naoki	A goal of this course is to understand several important topics about animal developmental biology.	Watch TWINS Bulletin Board and announcements on manaba for schedule of face-to-face classes. Lecture is conducted in English. Molecular and Cellular Biology Course Human Biology course GloBE Course JTP face-to-face Online(Asynchronous)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
EB72921	Marine Biology II	1-E	1.0	2, 3	FallAB	Wed3	2B411	Inaba Kazuo, Sasakura Yasunori, Yaguchi Shunsuke, Shiba Kogiku, Nakano Hiroaki, Wada Shigeki, Kon Koetsu, Horie Takeo, Agostini Sylvain, Leonard Georges	Lecture will provide several topics on marine organisms, including fertilization, cilia and flagella, gene-manipulation, 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.	Lecture is conducted in English. Molecular and Cellular Biology Course JTP face-to-face Online(Asynchronous) EG32921 credit holders are ineligible.
EB74131	Plant Physiology II	1-D	1.0	2, 3	FallAB	Fri1		Iwai Hiroaki, Suzuki Takuya	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.	Lecture is conducted in English. Molecular and Cellular Biology Course JTP Hybrid or Others 1-5 (1 Oct to 29-Oct): Hiroaki Iwai, Online (Asynchronous) 6-10 (12 Nov to 17-Dec): Takuya Suzuki, Online(Synchronous)
EB74221	Metabolic and Physiological Chemistry II	1-E	1.0	2, 3	FallAB	Thu1	2B411	Minoda Ayumi, Irving Louis John	Nitrogen metabolism, sulfur metabolism, metabolic regulatory mechanisms and the function of trace metals in cellular metabolism are main topics.  The main topics for this course will be acclimation process of cellular and energy metabolisms response to the changes in intracellular and extracellular environments. It will be discussed about response and regulations of gene expression, enzymatic reaction, transport and signal transduction system.	Lecture is conducted in English. Molecular and Cellular Biology Course JTP face-to-face Online(Asynchronous) Who has credit of EB74231 or EG34231 or EG34221 is ineligible.
EB82131	Chemical Ecology	1-E	1.0	2, 3	FallAB	Fri4	2C107	Yokoi Tomoyuki, Matsuyama Shigeru, Yamaji Keiko, Kinoshita Natsuko	This lecture introduces chemical aspects of relationships between individual insects, animals, plants and microorganisms of the same (pheromone) or different (allelochemicals) species.	Lecture is conducted in English. Applied Biology course JTP face-to-face Online(Asynchronous) EB82131 credit holders are ineligible.
EB83161	Biotechnology Literacy	1-D	1.0	2, 3	FallC	Mon/Thu1-5		Watanabe Kazuo, Kikuchi Akira, Ono Michiyuki, Oguchi Taichi	Topics covering ethical, legal and social issues in life & environmental sciences.	Lecture is conducted in English. Applied Biology course JTP CDP G-course Hybrid or Others Who has credit of EB83131 or EG23131 is ineligible.
EB09103	Seminar in Biology I: Field Guide to Snow Land Animals in Winter	3-A	1.5	1・2	Spr Vac	Intensive	Sugadaira	Yukie Sato, Kensuke Yahata	アニマルトラッキング、バードウォッチングや越冬節足動物の観察などを通して、典型的な中部山岳地帯の積雪期における動物を中心とした生物の生き様に触れ、生物に対する実物に即した認識を深める。A five-day residential course held at the Sugadaira Research Station. 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.	英語で授業。3/7-3/11 JTP 学研災に加入していること。対面
EB09203	Seminar in Biology II: Guide to Seashore Animals and Plants	3-A	1.5	1・2	Spr Vac	Intensive	Shimoda	Shunsuke Yaguchi, Hiroaki Nakano, Sylvain Leonard Georges Agostini	フィールドに出て海岸動物の採集と観察を行う。主に潮間帯の砂浜や磯において採集や計測を行い、実験室で生物の形態や行動の観察を行う。海岸の生物多様性と生物間の相互関係について学ぶことを目的とする。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.	英語で授業。2/28-3/4 JTP 学研災に加入していること。対面

### College of Agro-Biological Sciences (生物資源学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
EC31251	Cell Structure and Function	1-F	1.0	3	FallAB	Fri5		Taylor DeMar	Lectures and discussions will concentrate on cell structure and function as related to 1) membranes, 2) mitochondria, 3) chloroplasts, 4) intracellular transport, 5) cell communication, 6) cell cycle and 7) cell communities.	Use English Textbook EG50031と同一。英語で授業。JTP その他の実施形態
EC00021	Special Seminar II	1-F	1.0	1	FallABC	By Request		Dean and others, Nakao Nomura	Seminar on the special research field for each individual student	JTP学生のみ対象 その他の実施形態
EC00031	Special Seminar III	1-F	1.0	1	SprC FallA	By Request		Dean and others, Nakao Nomura	Seminar on the special research field for each individual student	JTP学生のみ対象 その他の実施形態

### Interdisciplinary Program in Life and Environmental Sciences (生命環境学際プログラム)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
EG50031	Cell Structure and Function	1-E	1.0	2, 3	FallAB	Fri5		Taylor DeMar	Lectures and discussions will concentrate on cell structure and function as related to 1) membranes, 2) mitochondria, 3) chloroplasts, 4) intracellular transport, 5) cell communication, 6) cell cycle and 7) cell communities.	Use English Textbook identical to EC31251. Lecture is conducted in English. JTP Hybrid or Others

### College of Engineering Sciences (応用理工学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
FF00208	Laboratories Research	8-F	8.0	1	Annual	By Appointment		応用理工学類各教員	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.	JTP学生のみ対象 JTP その他の実施形態
FF00408	Laboratories Research	8-F	3.0	1	FallABC	By Appointment		応用理工学類各教員	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.	JTP学生のみ対象 JTP その他の実施形態

### College of Engineering Systems (工学システム学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
FG06041	Engineering System Special Lecture	1-C	1.0	1	FallAB	Intensive			This course will review some introductory topics relevant to engineering, such as human-computer interaction, measurement, and control.	JTP only オンライン(オンデマンド型)
FG06068	Project	8-F	4.0	1	FallABC	By Request		工学システム学類各教員	The students will conduct individual research under the supervision of a professor.	JTP only

### College of Policy and Planning Sciences (社会工学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
FH00058	Independent Study B	8-F	3.0	1 - 4	Fall	By Appointment		社会工学類各教員	The students will do their own research under supervision of faculty members.	JTP学生のみ対象 英語で授業。JTP

### College of Information Science (情報科学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
GB19978	Directed Research in Computer Science B	8-E	4.0	3・4	FallABC	By Appointment		Aranha Claus	受け入れ教員の指導のもと、特定のテーマについて、研究もしくはミニプロジェクトを行う。	JTP及び学類長が履修を認めた者に限る。80コマに相当する。秋学期。オンライン(オンデマンド型) オンライン(同時双方向型) 対面

# College of Medical Sciences (医療科学類)

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
HE40252	Research Seminar	2-F	4.0	3	Fall/BC	Intensive		Norihiko Obayashi	指導教員の指導のもとにテーマを設定して研究を行う。これにより医学研究遂行に必要な基礎的技能的修得および問題解決能力の体得を図る。 Students will choose a lab from a variety of fields in medical sciences based on their own research interests. Students will participate in research seminars, learn basic techniques in research, and develop their own research project under the guidance of the mentor.	国際医療科学主専攻G30コース学生に限る。英語で授業。 英語で授業。
HE34033	Practice of Medical Imaging Technology	3-F	1.0	3	Fall/ABC	By Request		Tomonori Isobe, Hideyuki Takei, Yutaro Mori, Kenta Takada	超音波検査、MR検査の特性、原理、撮像技術について実際に撮像を行いながら学ぶ。また、サーベイメータを用いた実習を通して放射線の基本特性を学び、放射線画像の成り立ちを理解する。さらに、ワークステーションを用いて3次元画像を作成する実習を通して人体解剖を理解し、正常画像と疾患画像を比較して読影法について学ぶ。 ・ Learn ultrasound techniques and imaging through a practice with abdominal ultrasound diagnostics. ・ Learn magnetic resonance (MR) techniques and imaging through a practice with head MR diagnostics. ・ Learn human anatomy through a practice of constructing three dimensional image. ・ Learn how diagnostic images are used in radiation therapy.	医療科学類学生で、画像検査学の単位を取得している者に限る。平成30年度以前入学者用 詳細後日周知 実務経験教員
HE40061	English Communication for Medical Sciences I	1-F	3.0	3	Fall/AB Fall/IC	Intensive	4B119	Satoru Takahashi, Michito Hamada, Koji Hisatake, Kenji Irie, Norihiko Obayashi, Tetsuya Sasaki, Hidekazu Nishikii, Atsushi Kawaguchi, Takafumi Miyamoto	医学の基本的考え方、研究方法などについて英語で習得する。 This course covers a variety of medical science research topics. Students will learn basic concepts, methodology, and scientific thinking through each research topic.	医療科学類国際医療科学主専攻学生に限る。英語で授業。実施日程は後日周知。 英語で授業。 詳細後日周知
HE33023	Practice of Clinical Microbiology	3-A	1.5	3	Fall/A	Intensive		Kazuya Morikawa	病原微生物で学習したことをもとに具体的な方法を学ぶ。細菌や寄生虫などの病原微生物の性状と同定法、染色法、感受性試験法などの検査方法を身に付けさせる。また病原微生物の無菌操作、滅菌などの取扱い法について習熟させる。 This course covers practical medical-microbiology techniques. Students will learn fundamental techniques in clinical microbiology, including identification methods of pathogenic bacteria, measurement of antibiotics effect, and observation of parasites etc.	医療科学類生用。平成30年度以前入学者用。実施日程・時間の詳細は担当教員より指示する。 10/6-10/8, 10/13-10/15, 10/20等 詳細後日周知 実務経験教員 対面
HE33033	Practice of Virology	3-F	0.5	3	Fall/A	Intensive		Atsushi Kawaguchi, Kaoru Takeuchi, Kousuke Kato, Takeshi Sekiya	ウイルスの血清診断(HA, HI法)、インフルエンザウイルスとバクテリオファージの増殖と力価測定などを実際に行い、ウイルスの検出、同定のための基礎的手技を身に付けさせる。 The aim of this practice is to learn the basis of virus infection and basic diagnosis methods of infective diseases. For this aim, influenza viruses and bacteriophages will be used.	医療科学類学生に限る。授業日、実施方法は担当教員より指示する。 詳細後日周知
HE30033	Practice of Clinical Pharmacology	3-A	1.0	3	Fall/BC	Mon4,5		Norihiko Obayashi, Yuji Funakoshi, Kouichi Hashimoto, Takeshi Machino, Takeshi Yamada	生理活性物質とその作用機序について理解し、薬物の作用機序について、実習を通して学ぶ。また、医薬品開発における臨床試験のプロセス、重要性を、ロールプレイを通して学ぶ。 ●Observe biological functions in the animal and understand mechanisms of action of drugs. ●Develop basic pharmacological principles you have studied to learn theory and practice of drug therapy in clinical medicine. ●Experience the process of clinical trials through group studies and role plays to understand importance of clinical trials in drug development.	医療科学類学生に限る。 詳細後日周知 実務経験教員 対面
HE31043	Practice of Clinical Hematology	3-A	1.0	2	Fall/AB	Mon2,3		Naoshi Obara, Yuichi Aita	血液検査のうちヘモグロビン濃度、ヘマトクリット、赤血球数、網赤血球数、赤血球指数(恒数)、赤血球浸透圧抵抗試験、補体感受性試験、赤血球沈降速度、白血球数、白血球分画、白血球機能、末梢血塗抹標本の作成と血球形態観察の基本的手技を教授する。また、血球に関する特殊検査のうち、アルカリホスファターゼ染色、ペルオキシダーゼ染色、エステラーゼ染色などについて教授する。白血球のFAB分類を教授する。	医療科学類学生に限る。記載している実施日程以外の授業日は担当教員より指示する。 詳細後日周知 実務経験教員 対面
HE32013	Practice of Clinical Biochemistry	3-A	2.0	2	Fall/A Fall/BC	Mon4,5 Mon4-6		Junichi Shouda, Eiji Warabi, Yuichi Aita	血清の生化学成分検査について、糖質、電解質、蛋白、非蛋白性窒素、脂質、酵素及びホルモンの定量検査についての検査手技を十分修得させる。また、検査結果をどう評価したらよいのかの考え方や、病態解析のための検査法の組み立て方、および精度管理について学生自身が計画を立案して問題解決を図れるような実力を涵養する。	医療科学類学生に限る。 実務経験教員 対面
HE40201	Immunology	1-C	2.0	3・4	Annual	By Request		Akira Shibuya, Kazuko Shibuya, Satoko Tahara, Chigusa Oda	免疫システムの基本を学ぶとともに、免疫学の最近のトピックスを紹介し、議論する。	国際医療科学主専攻学生に限る。英語で授業。 英語で授業。 オンライン(オンデマンド型)
HE40081	Topics in Medical Sciences I	1-F	1.0	3	Fall/AB	Wed3		Kiong Ho, Kouji Hisatake	医学の各専門領域に関する主体的な学習、討論を通して医学研究の理解を深める。	医療科学類国際医療科学主専攻学生に限る。英語で授業。 英語で授業。

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
HE40263	Seminar on Medical Sciences	3-F	1.0	3	Annual	By Request		Norihiko Obayashi	医学に関する演習課題について主体的に調査、解答を行い、医学の理解をさらに深める。	国際医療科学主専攻G30コース学生に限る。英語で授業。英語で授業。
HE40252	Research Seminar	2-F	4.0	3	FallBC	Intensive		Norihiko Obayashi	指導教員の指導のもとにテーマを設定して研究を行う。これにより医学研究遂行に必要な基礎的技術の修得および問題解決能力の体得を図る。Students will choose a lab from a variety of fields in medical sciences based on their own research interests. Students will participate in research seminars, learn basic techniques in research, and develop their own research project under the guidance of the mentor.	国際医療科学主専攻G30コース学生に限る。英語で授業。英語で授業。
HE40273	Graduation Research	3-F	8.0	4	Annual	By Request		Norihiko Obayashi	指導教員の指導のもとにテーマを設定して研究を行う。これにより医学研究遂行に必要な基礎的技術の修得および問題解決能力の体得を図る。	国際医療科学主専攻G30コース学生に限る。英語で行う。英語で授業。
HE40131	Clinical Hematology	1-D	2.0	3	FallABC	Intensive		Naoshi Obara	血液の組成、血液の生理的機能、血球の産生とその調節機構、造血因子および造血微小循環などについて教授する。主要な血液疾患の病態生理とその診断のための血液学的検査法の原理と手法、血球の形態学的検査の原理と手法について教授する。白血病の病理的診断(FAB分類)、リンパ腫の病理的診断法を教授する。	英語で授業。実施時間に制限があるため、原則オンラインで行う。英語で授業。オンライン(オンデマンド型) オンライン(同時双方向型)
HE40141	Coagulation and Fibrinolysis	1-D	1.0	3	FallABC	Intensive		Naoshi Obara	血液の凝固・線溶系の生理的機構を教授し、その失調に伴う出血傾向や血栓症に関する基本的検査法について教授する。凝固・線溶系の検査法の原理と手法、血小板の機能検査の原理と手法について教授する。	実施時間に制限があるため、原則オンラインで行う。英語で授業。オンライン(オンデマンド型) オンライン(同時双方向型)
HE40151	Clinical Pathophysiology	1-F	2.0	3	FallAB	Intensive		Yuichi Aita	様々な疾患についての病態生理について詳細に教授する。またそれらの病態と各種臨床検査の成績との関連について解説し、様々な病態において変化する血液酵素などの成分の変動の仕組みを理解させる。患者からもたらされる臨床検査の情報をいかに的確に診断や治療に応用したら良いのか、基本的なものの考え方を十分理解させる。	Students should obtain permission of the instructor before taking this course. This courses will not be provided in 2021. 英語で授業
HE40161	Topics in Vascular Biology	1-A	1.0	3・4	SprABC FallAB	Intensive	4B119	Hiromi Yanagisawa, Yoshito Yamashiro, Kenichi Kimura	To provide basic knowledge and understanding of vascular biology, ranging from normal vascular development and physiology to molecular mechanisms of vascular diseases, as well as novel diagnostic and therapeutic approaches. The course aims to solicit active participation of students in lectures and journal clubs.	医療科学類学生に限る。英語で授業。授業日程は後日周知。英語で授業。詳細後日周知 対面



## Japanese Language Courses

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
3901082	Comprehensive Japanese 4 Grammar B	2-B	1.0	1	FallABC	Tue1		Yiyin Chen	中級前期レベルに必要な文法項目を取り上げ、意味、用法、使い方について学ぶ。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901102	Comprehensive Japanese 4 Speaking and Listening B	2-B	1.0	1	FallABC	Fri1		Chinami Yamamoto	身近なテーマや話題に関する簡単な発話を正確に聞き取れるようになる。簡単な発表とその聞き取りができるようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901122	Comprehensive Japanese 4 Reading and Writing B	2-B	1.0	1	FallABC	Thu1		Mitsuko Kido	よく知っている事柄について、まとまりのある文章が読めたり、書けたりするようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901142	Comprehensive Japanese 5 Grammar B	2-B	1.0	1	FallABC	Tue2		Jiro Nakano	中級中期レベルに必要な文法項目を取り上げ、意味、用法、使い方について学ぶ。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901162	Comprehensive Japanese 5 Speaking and Listening B	2-B	1.0	1	FallABC	Fri2		Keiko Hori	身近な話からやや専門性の高いものを聞き、理解したこと、考えたことを的確に口頭で伝え、自分の意見を話すことができる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901182	Comprehensive Japanese 5 Reading and Writing B	2-B	1.0	1	FallABC	Thu2		Shinobu Yanagita	身近な話からやや専門的な事柄について、まとまりのある文章が読めたり、書けたりするようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901202	Comprehensive Japanese 1 B	2-B	4.0	1	FallABC	Tue・Wed・Thu・Fri4		Masaki Ono, Changyun Moon, Nobuko Kaneko, Shinobu Yanagida	初歩的な日常場面でのコミュニケーションができるようになる。話す・聞くの技能においては、単文や簡単な複文が理解でき、単文レベルの産出、読む・書くについては、身近なテーマについて、ひらがな・カタカナ・既習漢字で極簡単な文章を読み、書くトレーニングを行う。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901222	Comprehensive Japanese 2 B	2-B	4.0	1	FallABC	Tue・Wed・Thu・Fri2		Masaki Ono, Changyun Moon, Nobuko Kaneko, Shinobu Yanagida	日本語・日本文化の理解を深めながら、必要な情報をとることなど日常的な場面でのコミュニケーションができるようになる。話す・聞くの技能においては、複文や簡単な段落レベルで理解でき、複文で産出ができる。読む・書くについては、身近なテーマについて、ひらがな・カタカナ・既習漢字でやや長いまとまりのある文章が書けて、読める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901242	Comprehensive Japanese 3 B	2-B	4.0	1	FallABC	Tue・Wed・Thu・Fri3		Bushnell Cade Conlan, Hyeonjeong Kim, Minako Abe	日本語・日本文化の理解を深めながら、日常的な場面でのコミュニケーションができるようになる。話す・聞くの技能においては、複文や簡単な段落レベルで理解でき、複文や段落で産出ができる。読む・書くについては、身近なテーマについて、ひらがな・カタカナ・既習漢字でやや複雑な文章が書けて、読める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901262	Comprehensive Japanese 4 Seminar B	2-B	1.0	1	FallABC	Wed1		Jiro Nakano	大学の授業を受講するにあたり必要な日本語力およびスキルを身につけ、全般的な日本語運用力を高める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901282	Comprehensive Japanese 5 Seminar B	2-B	1.0	1	FallABC	Wed2		Jiro Nakano	大学の授業を受講するにあたり必要な日本語力およびスキルを身につけ、全般的な日本語運用力を高める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901302	Comprehensive Japanese 6 Grammar B	2-B	1.0	1	FallABC	Tue3		Mami Ishida	中級後半・上級レベルの文法を学び、使えるようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901322	Comprehensive Japanese 6 Speaking and Listening B	2-B	1.0	1	FallABC	Fri3		Keiko Hori	やや専門的な内容の解説やスピーチができ、また聞いて理解できるようになる。また対人関係に基づく表現を正確に使えるようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901342	Comprehensive Japanese 6 Reading and Writing B	2-B	1.0	1	FallABC	Thu3		Kenichi Nakayama	やや専門性の高いものを読み、理解したこと、考えたことを的確に口頭および文章で伝えることができる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901362	Comprehensive Japanese 6 Seminar B	2-B	1.0	1	FallABC	Wed3		Noe Yamada	大学の授業を受講するにあたり必要な日本語力およびスキルを身につけ、全般的な日本語運用力を高める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
3901382	Comprehensive Japanese 7 Grammar B	2-B	1.0	1	FallABC	Tue4		Yiyin Chen	上級レベルの文法を学び、使えるようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901402	Comprehensive Japanese 7 Speaking and Listening B	2-B	1.0	1	FallABC	Fri4		Ai Sukegawa	社会文化に関する話題について、その内容を理解する。内容をまとめ、それについて自分の意見を他者にわかりやすく説明することができる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901422	Comprehensive Japanese 7 Reading and Writing B	2-B	1.0	1	FallABC	Thu4		Kenichi Nakayama	専門性の高いものを読み、理解したこと、考えたことを的確に口頭および文章で伝えることができる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901442	Comprehensive Japanese 7 Seminar B	2-B	1.0	1	FallABC	Wed4		Jiro Nakano	大学の授業を受講するにあたり必要な日本語力およびスキルを身につけ、全般的な日本語運用力を高める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901462	Varieties of Japanese I B	2-B	1.0	1	FallABC	Tue5		Mami Ishida	方言をはじめ、世代、立場、キャラクターによる表現、ことばなど、様々な日本語に触れ、日本語を楽しむ。 日本語に対する知識を深める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901482	Varieties of Japanese II B	2-B	1.0	1	FallABC	Mon5		Masaki Ono	日本語の歴史、方言などの様々なジャンルや目的の日本語に触れ、日本語に対する知識を深める。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901562	Japanese Project II B	2-B	1.0	1	FallABC	Thu5		Shinobu Yanagita	日常生活の場面や特定の場所・時間帯で使用される日本語について、演劇を通じて発話のタイミング・自然な日本語の表現等を身につける、それらを使用できるようになる。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901602	Japanese Project Work B	2-B	1.0	1	FallABC	Fri5		Mio Sekiguchi	各自が設定したテーマに沿ってプロジェクトワークを行う。これまで学習してきた日本語を駆使し、生の日本語に触れ、語彙、表現を広げることを目指す。	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901622	Japanese socio-cultural studies (taught in English) B	2-B	1.0	1	FallABC	Mon5		Vanbaelen Ruth	Get familiar with Japanese society and culture, and deepen your understanding of Japanese language. (日本の社会や文化などに親しみ、日本語に対する知識を深める。)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 英語で授業。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3901672	Japanese issues(Culture)(taught in English) B	2-B	1.0	1	FallABC	Fri5		Chinami Yamamoto	Deepen your understanding of Japanese culture. (日本の文化などに対する知識を深める。)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 英語で授業。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902022	Kanji 1 B	2-B	1.0	1	FallABC	Mon1		Shinobu Yanagida	漢字の表意性を理解し、字形の識別、構造の識別することができる。日常生活においてよく目にする漢字を調べたり、覚え方を工夫したりすることができる。(BKB L1-11)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902042	Kanji 2 B	2-B	1.0	1	FallABC	Mon1		Yiyin Chen	漢字の字形の構造性を理解し、部首、音符などが識別できる。漢字の訓読みと音読みがわかる。日常生活および学生生活においてよく目にする漢字を調べたり、覚え方を工夫したりすることができる。(BKB L11-22)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902062	Kanji 3 B	2-B	1.0	1	FallABC	Mon2		Shinobu Yanagita	初級の漢字語彙を覚え、音読み、訓読みの読み分けができる。漢字を使ったやさしい読み物が読め、簡単な文を書くことができる。(BKB L23-35)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902082	Kanji 4 B	2-B	1.0	1	FallABC	Mon2		Yiyin Chen	初級後半の漢字語彙を覚え、音読み、訓読みの読み分けができる。漢字を使ったやさしい読み物を辞書を使いながら読め、簡単な作文を書くことができる。(BKB L36-45)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902102	Kanji 5 B	2-B	1.0	1	FallABC	Mon3		Eri Mitani	中級の漢字語彙の読み書きを覚えながら、正確に運用できるようにする。学習者自身が自分の弱点到に気づき、それを克服するための方法を工夫できるようにする。(IKB vol.1 L1-5)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902122	Kanji 6 B	2-B	1.0	1	FallABC	Mon3		Yiyin Chen	中上級の漢字語彙の読み書きを覚えながら、正確に運用できるようにする。学習者自身が読みたいものから漢字および漢字語彙を抽出し、使えるようにするための方法を工夫できるようにする。(IKB vol.1 L6-10)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902142	Kanji 7 B	2-B	1.0	1	FallABC	Mon4		Mami Ishida	上級の漢字語彙の読み書きを覚えながら、教育心理学などの文系と、科学技術などの理系分野によって語彙を適切に使い分けられるようにする。学習者自身が読みたいものから漢字および漢字語彙を抽出し、使えるようにするための方法を工夫できる。(IKB vol.2 L1-5)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。
3902242	Kanji 8 B	2-B	1.0	1	FallABC	Mon5		Mami Ishida	上級の漢字語彙の読み書きを覚えながら、健康、栄養・化学、物理、環境問題、政治などの専門分野によって語彙を適切に使い分けられるようにする。学習者自身が読みたいものから漢字および漢字語彙を抽出し、使えるようにするための方法を工夫できる。(IKB vol.2 L11-16)	外国人留学生のうち特別聴講学生(学群)が受講できる。受講人数制限あり。 3902162習得済みの者は履修できない。 オンライン(同時双方向型) 詳細は授業内で、またはmanabaで周知する。

## Multidisciplinary Subjects (Japanese) / 共通科目等 (日本語)

These subjects are established for international students or returnee students who have attended secondary education in a foreign country for a considerable period of time. The lectures are given in Japanese. Those students who wish to attend the courses listed below should consult instructors before registration.

外国人留学生及び外国において相当の期間、中等教育を受けた学生（帰国生）を対象に設けられた科目で、日本語による講義です。受講を希望する人は履修登録をする前に担当教員に相談してください。

Course Number	Course Name	Type	Credits	Standard Academic Year	Term	Weekday and Period	Class Room	Instructor	Course Overview	Remarks
3910322	Japanese Listening II-B	2-B	1.0	1・2	Fall/ABC	Tue5		Yuko Seki	大学の授業に必要な聴解能力の訓練を行う。聞いて理解できる語彙・表現を増やすとともに、話し手の意図を汲み取り、予測する力を身につける。	外国人留学生及び帰国生徒等が履修可能。受講人数制限あり。日本語聴解B修得済みの者は履修できない。オンライン(同時双方向型)詳細は授業内で、またはmanabaで周知する。
3910422	Japanese Reading II-B	2-B	1.0	1・2	Fall/ABC	Mon4		Masaki Ono	大学の授業に必要な読解能力のトレーニングを行う。要約、キーワード抽出、同一テーマの記事探しを行った上で、参加者間で議論を行う。	外国人留学生及び帰国生徒等が履修可能。受講人数制限あり。日本語読解B修得済みの者は履修できない。オンライン(同時双方向型)詳細は授業内で、またはmanabaで周知する。
3910522	Japanese Composition II-B	2-B	1.0	1・2	Fall/ABC	Thu5		Chisato Sugiura	短文練習と宿題のフィードバックと講義を通して、レポートの構成や表現を学び、作文力を身につける。	外国人留学生及び帰国生徒等が履修可能。受講人数制限あり。日本語作文B修得済みの者は履修できない。オンライン(同時双方向型)詳細は授業内で、またはmanabaで周知する。
3910622	Seminar in Japanese Language II-B	2-B	1.0	1・2	Fall/ABC	Wed4		Yukiko Hirakata	大学生活に必要な公の場における日本語でのコミュニケーション能力、やや抽象的な問題についての口頭発表及びレポート作成能力を身につけることを目的とし、ディスカッション及びプレゼンテーションを重視したプロジェクトワークを行う。	外国人留学生及び帰国生徒等が履修可能。受講人数制限あり。日本語演習B修得済みの者は履修できない。オンライン(同時双方向型)詳細は授業内で、またはmanabaで周知する。