# **ILAS Course Catalog #2**

**Recommended Courses for KUINEP Students** 

&

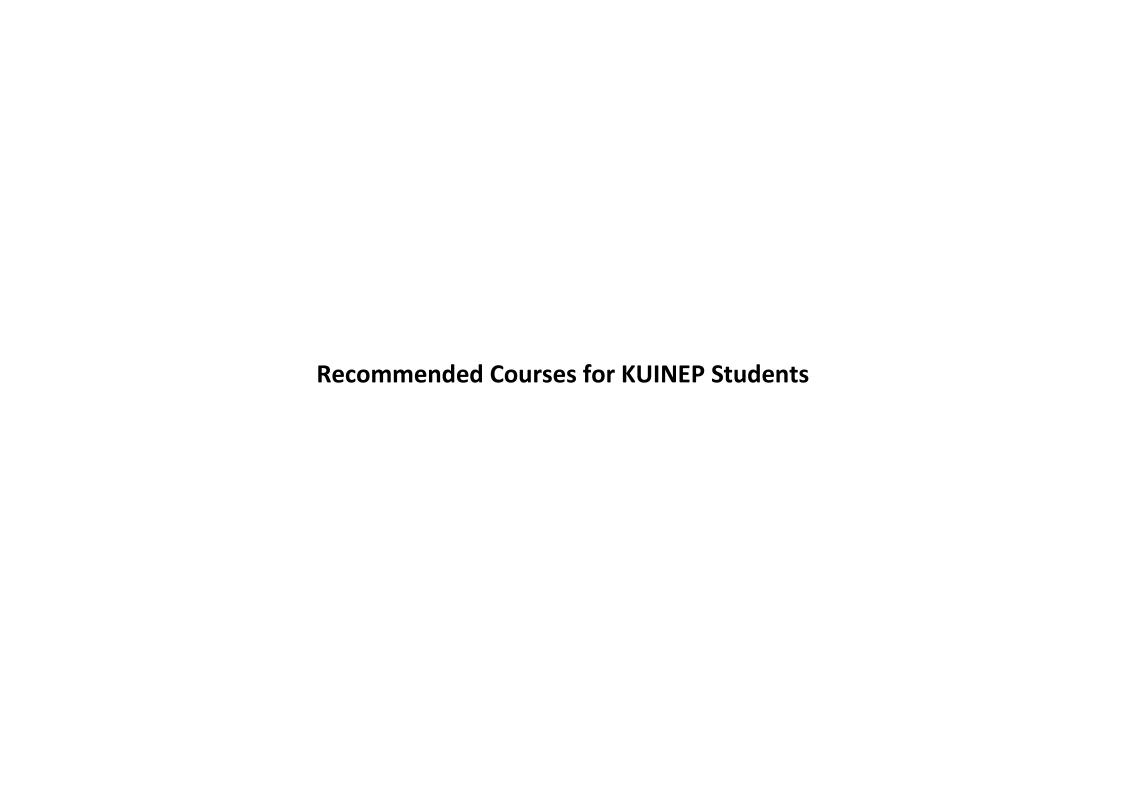
**Additional Liberal Arts and Sciences Courses** 

Fall 2024

**Kyoto University** 

# Recommended Courses for KUINEP StudentspageCulture and Traditions in Japan II1Culture and Traditions in Japan II3Current Issues in Japan II4

# **Additional Liberal Arts and Sciences Courses** page Japanese Language & Culture 5 8 Education in Contemporary Japan 10 Introduction to Classical Japanese Literature 12 Art, Culture and Technology 13 Western History II-E2 14 Contemporary Economics II-E2 15 Readings in Humanities and Social Sciences (Education, English)II-E1 Introduction to Biochemistry-E2 16 Introduction to Biochemistry-E2 17 Science Communication (Science, English)-E3 18



Lecture code: HB02001

Course nu	ımber	U-I	LAS07 100	002 L	E31								
Course title (and course title in English)			raditions ir			name and d	ictor's , job title, epartment iliation		Institute for Liberal Arts and Sciences Associate Professor, YUKAWA SHIKIKO				
Group Hu	ımanit	ies and S	Social Scie	nces	Field	Field(Classification) Understanding Japan					n		
Language of instruction					Old group Group A Number of credits					redits	2		
Number of weekly time blocks	ekly 1 Class style Lectur			-face cou	face course)			r/semesters	2024 • Second semester				
Days and periods	Mon	.5		Targ	jet year	All stud	lents	EI	ligi	ible students	Interna	tional students	

### [Overview and purpose of the course]

年中行事、食文化、日本人の美的嗜好、信仰、結婚や家族、職、日本人のコミュニケーションスタイルなど、様々な側面から日本の文化や伝統、またその歴史的変遷について考察していく。

We will explore Japanese culture and its traditions from classical to modern times from a variety of angles: Japanese annual traditions, food culture, aesthetic tastes, religion, marriage/family, work and communication styles, to name a few.

### [Course objectives]

日本への関心を広げ、そして深めること。日本の文化と自国の文化とを比較し、その共通点と相違 点を見出し、より深く理解できるようになること。

The primary goal of this class is for students to explore and deepen their understanding of Japan, its culture and its people. Students should also take the opportunity to compare Japanese culture with their own in order to identify and gain a better understanding of points of similarity and difference between the two.

### [Course schedule and contents)]

授業は1)以下のテーマに基づく講義および、2)受講生によるグループ発表によって行われる。 講義の内容・順番は授業の進みぐあいを見て変更することがある。学期末には期末試験を行う。

### 1)第1回目~第11回目《講義》

第1~2回目: 日本の食文化と生活様式の変化、日本の年中行事・儀礼

第3~4回目: 日本人の美意識

第5~6回目: 日本人とのコミュニケーション、日本人の価値観・思考パターン

第7~9回目: 日本の婚姻制度と家族 戦前と戦後 、グループ発表の準備

第10~11回目: 日本人と仕事、グループ発表の準備

### 2) 第12~14回目《グループ発表》

最後の3回の授業では、日本の文化や社会の中で関心を持っているトピックについて、3~4人からなるグループ発表を英語で行う。発表の具体的な日程や要領については、初回の授業で説明する。

### ・期末試験

・フィードバックの回(日時は後日通知する)

Continue to Culture and Traditions in Japan II(2)

### Culture and Traditions in Japan II(2)

Classes will consist of 1) lectures on the following topics, and 2) group presentations to be given by the students. The order and/or content of the lectures are subject to revision as needed.

A final exam will be given at the end of the semester.

### 1) 《Lectures》 1st ~ 11th classes

1st ~ 2nd classes: Orientation/ Changing tastes and lifestyles in Japan/ Annual traditions and rituals

3rd ~ 4th classes: The aesthetic sensitivities of the Japanese

5th ~ 6th classes: Communicating with the Japanese / Japanese attitudes and values / Japanese thinking patterns 7th ~ 9th classes: Marriage in Japan and the Japanese family pre and post WWII / Preparing for the group

presentations

10th ~ 11th classes: The Japanese and work/ Preparing for the group presentations

### 2) 《Group presentations》 12th ~ 14th classes

The last three classes will be used for the students 'group presentations (3-4 members per group). The presentations will be conducted in English on an aspect of Japanese culture or society (past or present) of the group 's choice. Details of the presentation schedule and guidelines will be explained during the first class.

- · Final exam
- Feedback class (specific date and time to be announced)

# [Course requirements]

初回の授業からすべて参加すること。学期末に行われる発表は全員必須。

講義はすべてナチュラルスピードの英語で行われる。本授業を受講する学生は充分な英語による聞 き取り能力、またクラスへの積極的な参加が求められる。

Be sure to attend all of the classes from day one. The final presentation is required of all students taking this course.

The instructor's lectures will be given in English at natural speed. Students taking this course are expected to be able to follow the lectures and take an active part in the class.

# [Evaluation methods and policy]

成績判定は以下によって行う。

- (1) 期末試験(40%)
- (2) 発表(40%)
- (3) グループ発表の質疑応答への参加度合い(20%)
- ・(2)の発表はグループ発表とするが、各学生の担当部分と貢献度によって各々の評価を行う。
- ・なお、 (3)の評価は、グループ発表後に提出してもらう「質問・コメントシート」の内容によって行う。

The student's final grade will be based on the following.

- (1) Final exam (40%)
- (2) Presentation (40%)
- (3) Contribution to Q&A sessions following the group presentations (20%)
- Although the presentation listed in (2) is a group presentation, each student will be evaluated individually based on his/her part of the presentation and contribution to the group effort.
- The evaluation for (3) will be made based on the content of the "Question/Comment Sheets" to be submitted by the students after the group presentations.

Continue to Culture and Traditions in Japan II(3)

# Culture and Traditions in Japan II(3)

# [Textbooks]

授業中に資料を配布する。

Handouts will be provided in class.

# [References, etc.]

### ( Reference book )

- 1) Varley, Paul, Japanese Culture: Fourth Edition, University of Hawai'i Press, 2000.
- 2) Hendry, Joy, Understanding Japanese Society, Fourth edition, Routledge, 2013.
- 3) Sugimoto, Yoshio, An Introduction to Japanese Society, Second edition, Cambridge University Press, 2003
- 4) Davies, Roger J. and Ikeno, Osamu (editors), The Japanese Mind: Understanding Contemporary Japanese Culture, Tuttle Publishing, 2002.
- 5) Martinez, D. P. (editor), Modern Japanese Culture and Society, Volumes I-IV, Routledge Library of Modern Japan, 2007.

# [Study outside of class (preparation and review)]

グループ発表では、グループのメンバーと協力し、各自責任をもって必要な準備・練習を行うこと。

For the group presentations, students are expected to cooperate with the members of their group and to do their fair share in preparing for and rehearsing their presentation.

# [Other information (office hours, etc.)]

オフィスアワーの場所・時間はKULASISで確認してください。

For my office hour location/times, please check KULASIS.

Lecture code: HB02002

Course nu	mber	U-I	AS07 100	002 L	E31								
Course title (and course title in English)			raditions ir raditions ir			name and d	ictor's , job title, epartmen iliation		Institute for Liberal Arts and Sciences Senior Lecturer, AKUZAWA KOYO				
Group Hu	manitie	s and S	Social Scie	nces	Field	Field(Classification) Understanding Japan							
Language of instruction					Old	Old group Group A				Number of c	2		
Number of weekly time blocks	1 Class style Lecture				-face cou	ce course)			r/semesters	2024 • Second semeste			
Days and periods				All stud	lents	Eli	igi	ble students	Interna	tional students			

### [Overview and purpose of the course]

This class will overview modern Japanese history, and explore several classic and prototypical topics related to the current Japanese society, incorporating their historical aspects. The topics include World War II, discrimination, economic/political issues, and pop culture.

# [Course objectives]

The primary goal of this class is for students to deepen their understanding of Japan by obtaining fundamental knowledge of modern Japanese history. Moreover, students are expected to gain an analytical perspective on the history and culture of their own country and region.

### [Course schedule and contents)]

The class is divided into three parts: 1) lectures on the modern history of Japan (weeks 1-5), 2) lectures on selected topics (weeks 6-11), and 3) group presentations to be given by the students (weeks 12-14).

- Week 1: Pre-modern history, the last days of the Tokugawa Shogunate
- Week 2: Meiji and Taisho period
- Week 3: Prewar Japan
- Week 4: Postwar Japan
- Week 5: From Heisei to present-day Japan
- Week 6: World War II and Japan
- Week 7: Discrimination in Japanese society
- Week 8: Economic issues of Japan
- Week 9: Political issues in Japan
- Week 10: Changes in youth culture
- Week 11: History of Manga and Anime
- Week 12: Group presentation
- Week 13: Group presentation
- Week 14: Group presentation
- Final exam
- Week 16: Feedback

The schedule is subject to change according to the class 's progress and students' requests.

Continue to Culture and Traditions in Japan II(2)

### Culture and Traditions in Japan II(2)

# [Course requirements]

This class is limited to international students. There are no prerequisites, but it is preferable for students to be interested in developing their insight into Japan independently based on what they learn during the class.

# [Evaluation methods and policy]

In-class participation: 30% Group presentation: 30% Final exam: 40%

# [Textbooks]

Handouts will be provided.

# [References, etc.]

# ( Reference book )

Gordon, Andrew A Morden History of Japan: From Tokugawa Times to the Present (Oxford University Press, 2003)

Reischauer, Edwin O. F Japan: The Story of a Nation, Fourth Edition (Tuttle Publishing, 2004)

Any other reference materials will be introduced during the lesson if necessary.

# [Study outside of class (preparation and review)]

Participants are required to work together with other participants to prepare a group presentation on a selected topic about Japanese culture and tradition.

# [Other information (office hours, etc.)]

Please check my office hours, location, and availability on KULASIS. Please make an appointment beforehand by e-mail. My e-mail address will be provided during the first lesson.

Lecture code: HB04002 ——時保存

Course nui	nber	U-I	AS07 100	004 L	E31							
Course title (and course ( title in English)			in Japan I in Japan I			name and d	ictor's , job title, epartmen iliation	t	Pa	rt-time Lecturer	,SAKO	DA SAYAKA
Group Hu	manitie	Social Scie	nces	Field	(Classifi	cation)	Un	ıde	rstanding Japa	n		
Language of instruction					Old	Old group Group A				Number of c	redits	2
Number of weekly time blocks	1		Class style Lecture (Face-to-			face cou	ace course)		Year/semesters		2024 • Second semester	
Days and periods	Thu.5 Target ye		jet year	All stud	lents	Е	lig	ible students	Interna	tional students		

### [Overview and purpose of the course]

The primary purpose of this class is to deepen our understanding of a variety of issues in Japan. Japan is the world's sthird-largest economy and can be categorized as one of the world's most prosperous nations. However, there are many seemingly intractable challenges that the country and people are facing. Throughout this class, we will cover a wide variety of these issues that Japan is currently facing. During this course, participants will learn about the low birth rate, the aging society, marriage, divorce, gender, economic inequality, labour issues, poverty, Hikikomori, discrimination social exclusion, medical services, and other aspects of the country.

The course consists of lecture-based instruction followed by guided discussion and short and final essay. At the end of each class, students are expected to discuss the lecture topics and consider policies.

### [Course objectives]

The primary goal of this class is that the students could deepen their understanding as followings:

- 1. Based on statistical data and official documents, analyzing the social issues in current Japan by using the methods of economics and sociology.
- 2. Comparing Japanese society's characteristics and social problems in modern Japan with those of other countries.

### [Course schedule and contents)]

The tentative schedule is as follows. However, it may be changed according to the progress of the class and requests by students.

Population Issues

Week 1) Introduction

Week 2) The Population Pyramid and its Transition

Week 3) Institutional Design for Low Fertility and Aging Society

Week 4) Marriage and Non-marriage.

Gender Issues

Week 5) History of Women's Empowerment in Society

Week 6) Division of Labor in the Household: Comparison with other countries

Week 7) Gender Consciousness and Marriage

Week 8) Divorce/Sexual Infidelity Behavior Economic Disparities

Week 9) Japan's Economic Disparities (1)

Week 10) Japan's Economic Disparities (2)

Week 11) Economic Efficiency and Income Redistribution Policies

Continue to Current Issues in Japan II(2)

# Current Issues in Japan II(2)

Week 12) How to write an academic essay: for non-social science students Labour Issues and Poverty

Week 13) Labour patterns in Japan (non-regular employment, freeters, and NEETs) and its problems

Week 14) Social Exclusion, Hikikomori, Discrimination

Feedback

### [Course requirements]

This class is limited to international students. No prerequisites are required. It would be appreciated if you are interested in and committed to learning about Japan's current issues and comparing them with those of the mother country.

# [Evaluation methods and policy]

attendance and participation:30%, Final essay:70%

# [Textbooks]

Handouts will be distributed at each class.

# [Study outside of class (preparation and review)]

Review the contents of the lectures and prepare for the essay

### [Other information (office hours, etc.)]

No specific date and time. Please make an appointment by e-mail.



Lecture code: W607002

Course	nur	nber	U-L	AS54 100	07 S	B47								
Course tit (and cours title in English)	se			文化演習 uage & Cu		;	name and d	ctor's , job title, epartment liation	Pr In As	Institute for Liberal Arts and Sciences Professor, KAWAI JUNKO Institute for Liberal Arts and Sciences Associate Professor, IEMOTO TAROU Center for the Promotion of Interdisciplinary Education and Research Program-Specific Assistant Professor, CHO SHIKO				
Group	Ca	reer De	velopn							r Career Devel	opment	Courses		
Language instruction		Japane	ese and	English		Old	group		Number of credits			2		
Number of weekly time block		1		Class sty	16	Seminar (Face-to-	-face cou	ırse)	Year/semesters 2024 • Second sem			Second semester		
Days and periods			Targ	get year	All stud	ents	Elig	jible students	For all majors					

### [Overview and purpose of the course]

本授業では、まず講義で日本語や日本文化の特徴、およびその様々な検討方法を学ぶ。その際、日本文化を広義に定義し、その範囲に日本社会の状況、社会問題をも含んで講義を進めていく。そして、日本語、日本文化、日本の社会状況を紹介する経験とその準備を通して、日本人学生と留学生が共に、日本語、日本文化、社会状況ならびに自分自身が身につけてきた言語や文化、そして自分自身が育ってきた社会の特徴を再発見することを目指す。そして、その過程を通じて、グローバルな視野に立った物の見方・考え方を養うことを目的とする。

In this class, both Japanese and international students will be introduced to and exchange views on Japanese language and cultures. We define culture broadly in this class to include social conditions and problems in Japanese society.

Learning about Japanese culture together will allow students of all backgrounds to rediscover their own cultures and develop new perspectives regarding languages, cultures and social conditions in today 's global contexts.

### [Course objectives]

- ・日本語、日本文化、日本の社会状況ならびに自分自身が身につけてきた言語、文化を捉える多様な視点を学ぶこと。
- ・日本語、日本文化、日本の社会状況を紹介し、異なる文化的背景を持つ学生間で議論を行うことによってグローバルな視野に立った物の見方・考え方を身につけること。
- ・母語とは異なる言語による、より効果的なプレゼンテーション及びディスカッションの技法を習得すること。
- To gain understanding of diverse viewpoints and develop various perspectives on Japanese language and cultures including social conditions and issues as well as on international students ' cultures
- To be able to introduce various aspects of Japanese language, cultures including social conditions and issues through presentations
- To learn presentation method and how to actively join discussions

# [Course schedule and contents)]

多様な文化を有する人たちとの交流の中で、自国文化や社会的状況を多面的に理解し紹介できることが要請される場面は多い。日本人であっても日本語や日本文化について深い理解をもって解説するためには、言語・文化に意識的に向き合わなければならない。本授業は、日本語や日本文化を意識的に捉え、深い理解に立って他者と見方や考え方を共有できるようなることを目的に、講義を中心としながら、演習・討議を交えて進めていく。

Continue to 日本語・日本文化演習(2)

日本語・日本文化演習(2)

第1回(1) オリエンテーション <担当:河合、阿久澤、韓>

「第1回(2) - 第7回 - 日本語の特徴と日本語教育方法 - ]

前半全体の内容

講義:日本語の特徴と日本語教育方法の基礎についての講義を行う。

演習:複数グループ(留学生+日本人)に分かれて、直接法で(ゼロ初級対象の)模擬授業を行う。模

擬授業を実際に受ける。模擬授業にコメントをする。

第1回(2) < 阿久澤 >

講義:導入

第2回 <阿久澤>

講義:日本語の基本的特徴

|演習:ディスカッション 及び プレゼンテーションの準備(1)

第3回 < 阿久澤 >

講義:日本語教育方法の基礎

演習:ディスカッション 及び プレゼンテーションの準備(2)

第4回 <阿久澤>

講義:日本語教育方法変遷の歴史

演習:ディスカッション 及び プレゼンテーションの準備(3)

第5回,第6回 < 阿久澤・河合・韓 >

演習:リハーサル&プレゼンテーション(模擬授業)に向けたフィードバック

第7回 <阿久澤・河合・韓>

プレゼンテーション

[第8回 - 第14回 - 日本文化・日本社会の特徴 ]

第8回、第9回 <韓>

### 講義:

- ・文化の定義と比較の方法
- ・外から見た日本文化・社会の特徴と背景(1)

挑戦・失敗・積極性

第10回、第11回<韓>

・外から見た日本文化・社会の特徴と背景(2)

創造性・イノベーション

Continue to 日本語・日本文化演習(3)

# 日本語・日本文化演習(3)

第12回,第13回<韓・河合・阿久澤> リハーサル&プレゼンテーションに向けたフィードバック

第14回 <韓・河合・阿久澤> プレゼンテーション (日英選択可)

第15回 < 韓・河合・阿久澤 > フィードバック

When people from different cultural backgrounds meet, it offers an opportunity not only to exchange views, but also to introduce and reflect on aspects of one 's own culture and society. Consciously learning about a culture and discussing it with others leads to deeper understanding and a better ability to explain elements of that culture. In this way, this course is beneficial for both international and Japanese students.

The class consists of lectures and seminars as well as discussions and student presentations. We will examine Japanese language and culture from a variety of angles and share views among classmates from various cultural and social backgrounds

1(1) Guidance [Kawai, Akuzawa, Han]

### Part I:

Overview of lectures 1(2)-7

Lectures: Characteristics of Japanese language and language teaching

Seminars: Working in groups composed of international and Japanese students, students develop their own language class using the direct teaching method. They will also experience and comment on the classes developed by classmates.

1(2) [Akuzawa]

Lecture:Introduction

### 2 [Akuzawa]

Lecture: Basic aspects of Japanese

Seminar: Discussion and preparing for your presentation (1)

3 [Akuzawa]

Lecture: Basics of Japanese teaching methods

Seminar: Discussion and preparing for your presentation (2)

4 [Akuzawa]

Continue to 日本語・日本文化演習(4)

# 日本語・日本文化演習(4)

Lecture: History on the development of Japanese teaching methods

Seminar: Discussion and preparing for your presentation (3)

5, 6 [Akuzawa, Kawai, Han]

Seminar: Presentation rehearsal and feedback

7 [Akuzawa, Kawai, Han]

Final Presentation

Part I: Lectures 8 - 15

Social scientific approach toward Japanese culture and society in the global context

Lecture: Definitions of "culture" and comparative studies

Characteristics of Japanese culture and society- Attitude toward challenge and failure,

Seminar: Discussion and preparing for your presentation (1) (2)

8 and 9 [Han]

Lecture: Definitions of "culture" and comparative studies

Characteristics of Japanese culture and society- Creativeness and innovation

Seminar: Discussion and preparing for your presentation (3)(4)

12,13 [Han, Kawai, Akuzawa]

Seminar: Presentation rehearsal and feedback

14 [Han, Kawai, Akuzawa]

Presentation for Part II: Either in Japanese or English

Feedback [Han, Kawai, Akuzawa]

### [Course requirements]

- ・受講生に日本語初級者が含まれる場合は、主に英語で授業を行います。
- ・ただし、日本語が母語でない人は、授業の円滑な理解のために初級修了以上 の日本語能力を有 していることが望ましいです。PPTスライドは日本語のみ、日英併記の場合があります。 日本語能力試験N4、CEFR A2レベルをクリアしていること。

- If there are beginner-level Japanese students among the participants, the class will be conducted mainly in
- · However, if Japanese is not your first language, for smooth understanding of the class, it is desirable for students to have completed Japanese language classes of Elementary level or higher\*.

PPT slides may be written in Japanese only, or in both Japanese and English.

\*Have mastered JLPT N4, CEFR A2 level or higher.

Continue to 日本語・日本文化演習(5)

# 日本語・日本文化演習(5)

# [Evaluation methods and policy]

積極的参加態度(30%)、「レポート・発表準備課題、プレゼンテーション」(70%)で評価する。

配点の割合の詳細は講義において示す。

Participation (30%), "Reports, assignments, and presentations"(70%).

Details will be announced in class.

### [Textbooks]

プリントを配布する

Handouts

### [References, etc.]

### ( Reference book )

授業中に指示する。

To be announced in class.

# [Study outside of class (preparation and review)]

プレゼンテーションの準備として、段階を追って随時レポート・課題が出される。各自、積極的に 準備を行うことが求められる。

To prepare for presentation(s), you will be asked to submit several assignments and short reports step by step. Your active participation is expected.

### [Other information (office hours, etc.)]

- (1)全学共通科目「多文化教養演習:見・聞・知@XXX」受講のための推奨科目となっている。 XXX・・・香港、タイ、ベトナム、中国大陸、インドネシア、台湾、韓国、京都
- (2)交換留学生のための履修推奨科目になっている。
- (1) Although this class was designed for students who plan to study abroad, all local and international students who want to learn about Japanese language and cultures from various different perspectives are welcome.
- (2) This class is recommended for the local students who are planning to participate in the short-term study abroad programs, 全学共通科目「多文化教養演習:見・聞・知@~」 ("Seminar for Multicultural Studies: Watch, Listen and Learn @ XXX"). XXX=Hong Kong, Indonesia, Thailand, Mainland China, Vietnam, Taiwan, Korea, Kyoto.
- (3) This class is one of the "recommended classes" for international exchange students.

平成27年度以前の卒業要件が適用される学部生が履修し、単位を修得した場合には、単位数の2分の1が卒業に必要な単位として算入されます。

Lecture code: H731001

Course nu	mber	U-I	AS04 200	008 LE	47							
Course title (and course title in English)			Contempora Contempora	, ,		name and d	ictor's , job title, epartment liation		Institute for Liberal Arts and Science Professor,KAWAI JUNKO			
Group Hu	ımanitie	s and S	Social Scie	nces	Field(	Field(Classification) Pedagogy, Psychology and Sociology(						
Language of instruction	Language of English					group	Group A		Number of c	redits	2	
Number of weekly time blocks	reekly 1 Class style				ecture Face-to-	face cou	e course)		Year/semesters		Second semester	
Days and periods	Wed.3				_	All stud	ents	Eligible students		For all majors		

### [Overview and purpose of the course]

This course provides an introduction to approaches to and topics in Japanese education. The course examines the characteristics of schooling in Japan from the past to today, and includes analysis of contemporary issues in education.

"Education" has several functions: it transmits values, culture, and customs while at the same time instilling societal rules, and selecting individuals (for example through examinations) and allocating them in a certain position within the society. We will study how these social functions operate in Japanese society by comparing Japan's educational system with that of other countries. Students are encouraged to share their own knowledge and experiences.

Class will be interactive, mixing both lectures and discussions with activities, including a field trip, either virtual visit or real visit depending on the situation, to a local school. Throughout the whole course, students will have opportunities to take a close look at what is happening and what has happened in Japanese society by examining Japanese education from various perspectives.

### [Course objectives]

- To gain knowledge and understanding of the characteristics of Japanese education through comparisons with other countries and students' own experiences.
- To develop interest and skills to participate in discussions with classmates from various cultural backgrounds.
- To develop skills in critical analysis through structured reading, written assignments, and a field observation.

### [Course schedule and contents)]

Topics

- 1. Introduction to approaches to education (Session 1)
- 2. Overview of Japanese education system (Session 1-2)
- 3. Characteristics of Japanese education (Session 2-9)
- (1) Historical background for understanding contemporary Japanese education
- (2) Egalitarianism in Japanese elementary education
- (3) Ability grouping and effort-ism (Spirit of "Gambaru")

Continue to Education in Contemporary Japan(2)

### Education in Contemporary Japan(2)

- (4) Individualism and group harmony
- (5) Life of adolescents Roles of Japanese school clubs, functions and culture of cram schools, teacher-student relationships, school-family relationships.
- (6) Entrance examinations
- (7) Transition from school to work
- 4. Observation in real educational settings: field trip to a local school (method of the visit and date to be decided)
- 5. Contemporary education issues (Session 10-14)
- (1) Japanese educational problems: a historical overview
- (2) Ijime (Bullying) and Futoko (Truancy, Non-attendance)
- (3) Over-demanding parents
- (4) Language education
- (5) Studying abroad
- 6. Feedback (Session 15)

# [Course requirements]

None

# [Evaluation methods and policy]

Participation in class activities (30%), Mid-term report (book review) (30%), and Final report (40%)\*. \*For the final report, students may choose one of the following assignments: (1) A report on observation at school site or (2) An analysis of a personal educational history (In-depth Interview).

授業への参加(30%)、中間レポート(文献紹介)(30%)、期末レポート(40%)。

### [Textbooks]

Handouts will be distributed.

プリント配布

# [References, etc.]

### ( Reference book )

- (1)Apple, Matthew T., Da Silva, Dexter, and Fellner, Terry, Language Learning Motivation in Japan (Second Language Acquisition), Multilingual Matters, 2013
- (2)Cummings, William, Chapter 5, "Egalitarian Education", Education and Equality in Japan, Princeton University Press, 1980
- (3)Fukuzawa, Rebecca E. and LeTendre, Gerald. Intense Years: How Japanese Adolescents Balance School, Family, and Friends, Taylor and Francis, 2001
- (4)Mock, John, Kawamura, Hiroaki, and Naganuma, Naeko, The Impact of Internationalization on Japanese Higher Education: Is Japanese Education Really Changing? Sense Publishers, 2016
- (5)Rohlen, Thomas, Chapter 5 "Space and Time", and Chapter 6 "Organization", in Japan's High School, The University of California Press, 1983

Continue to Education in Contemporary Japan(3)

### Education in Contemporary Japan(3)

(6)Shavit, Yossi, and Muller, Walter, (eds.) From School to Work; A Comparative Study of Educational Qualifications and Occupational Destinations, Clarendon Press Oxford, 1998

(7)Tobin, Joseph J, Wu, David Y., and Davidson, Dana H. Preschool in Three Cultures; Japan, China, and the United States, Yale University Press, 1989

(8)伊藤茂樹「心の問題」としてのいじめ問題」『教育社会学研究 59』1996 [Ito, Shigeki, "IJIME Constructed as a Problem of Mind, " Kyoiku SyakigakuKenkyu, Vol. 59, 1996 (Abridged translations in English will be provided.)]

(9)森田洋司『不登校現象の社会学』学文社、1991 [Morita, Yoji, Futokogensho no Shakaigaku, 1991 (Abridged translations in English will be provided.)]

(10)小野田正利『悲鳴をあげる学校 親の " イチャモン " から " 結びあい " へ』旬報社、第 7 刷, 2007

[Onoda, Masatoshi, Himei o ageru gakko, 2007 (Abridged translations in English will be provided.)]

# [Study outside of class (preparation and review)]

- Students are expected to complete the reading assignments and actively participate in class discussion every week.
- Students are required to give a 10-15 minute presentation on one of the selected reading assignments as a small group.

# [Other information (office hours, etc.)]

During one of the classes between Session 7 and Session 9, we will visit or virtually visit a nearby local elementary school for a participant observation. Students will need to cover any necessary transportation fees and enroll in the Personal Accident Insurance for Students while Pursuing Education and Research. 第7回~9回のうち1回は、小学校実習を行う予定である。訪問の方法はその時の状況によって判断する。旅費(交通費)が必要な場合、原則として受講生の負担となる。学生教育研究災害傷害保険に各自加入しておくこと。

このクラスは英語で行われますが、E2科目ではありません。例年、留学生が受講しており、多様な文化的背景の学生が共に学ぶ機会となっています。

Lecture code: H387001

Course nui	nber	U-I	AS02 200	26 LE	37							
Emailiah)	Literatu	re ction to	Classical Classical	•		name and d	ictor's , job title, epartment liation			stitute for Libe sociate Professo		
Group Hu	manitie	s and S	Social Scie	nces	Field(	Classifi	cation)	Art	ts, l	Literature and	Linguis	tics(Issues)
Language of instruction					Old group Group A					Number of c	redits	2
Number of weekly time blocks	veekly 1 Class style Lec			cture Face-to-face course)			Υ	Yea	r/semesters	2024 • Second semester		
Days and periods	Wed.3				-	All stud	All students		Eligible students		For all majors	

### [Overview and purpose of the course]

To explore recurrent themes, ideas and values seen in representative works of classical Japanese literature and to gain a better understanding of how some of the ideas or values have changed over time, and how others have been altered to suit changing tastes.

日本古代から室町時代までの代表的な古典を取り上げ、それらに繰り返し現れる重要な文学的概念や類型、また日本古来の社会的規範や価値観などについて考察すると共に、それらがどのように形成され、またどのような変遷を経て、現代にまで継承されてきたかについて考える。

This course is being offered concurrently to both international students and students of Kyoto University. Hence, students will have ample opportunity to interact and to share their thoughts with other students from a variety of backgrounds and cultures in our discussion of the selected works of literature. We will be using English translations of the original Japanese works as our reading material. Discussion sessions and the final exam will also be completed in English.

この授業は、本学に在籍する学生に限らず、海外からの留学生にも開講しているので、受講者は様々な文化的背景を持つ外国人留学生と英語で対話し、日本の古典について意見を交換する機会を得ることができる。また、違う角度から自国の文学や文化を見つめ直すよい機会にもなる。本授業では、『萬葉集』、『伊勢物語』、『源氏物語』、『方丈記』、『物くさ太郎』など、日本人学生には馴染みのある代表的な作品を扱うが、テクストとしては英訳本を用いる。ディスカッションおよび期末試験も英語で行われる。

### [Course objectives]

To recognize and understand some of the important and recurring literary themes/patterns/concepts that can be seen in representative works of classical Japanese literature from the Nara to Muromachi Periods, in addition to the Japanese values, social attitudes and ways of thinking from pre-modern times that are reflected in these works.

奈良時代から室町時代までの代表的な作品を読み、それらに繰り返し現れる重要な類型、文学的概念、また日本古来の社会的規範や価値観を見出し、理解すること。

Before enrolling in this course, please note the following:

One of the main objectives of this course is for students to acquire the ability to express their thoughts on the works to be studied in an objective and logical manner based on a careful and close reading of the text, and by citing evidence from the literature. This course is not intended for students to express their subjective opinions or personal preferences with regard to the literary works in question.

本授業では、講義やディスカッションで取り上げられる文学作品について、受講者が主観的な感想 Continue to Introduction to Classical Japanese Literature(2) Introduction to Classical Japanese Literature(2)

を述べることを目的としておらず、テクスト(text)に基づいて、客観的且つ論理的に自己の考えを述べられるようになることを目標としている。このことを充分に理解し授業に臨んでもらいたい

### [Course schedule and contents)]

The course schedule is as follows. This semester we will cover works through the Muromachi Period. The lecture content and schedule are subject to revision as needed.

1st ~ 2nd classes: Orientation, Monokusa Taro\* (Kyoto University Rare Materials Digital Archive "

Enjoying Otogi Zoshi with the help of synopsis and illustrations, " second story)

3rd ~ 4th classes: Manyoshu\*

5th ~ 6th classes: Kokinwakashu, Taketori Monogatari\*

7th ~ 8th classes: Ise Monogatari\*

9th ~ 11th classes: Genji Monogatari\*

12th ~ 13th classes: Shinkokinwakashu, Hojoki

14th class: Tsurezuregusa, or selected setsuwa narratives

《Final exam》

Feedback class (specific date and time to be announced)

Group discussion sessions are scheduled for the works marked with an asterisk \*.

授業計画は以下の通りである。今学期は室町時代までの作品を扱う。授業の進行を見て変更することがある。

1回目~2回目 オリエンテーション、『物くさ太郎』 (京都大学貴重資料デジタルアーカイブ「 挿絵とあらすじで楽しむお伽草子」第2話)

3回目~4回目 『萬葉集』

5回目~6回目 『古今和歌集』、『竹取物語』

7回目~8回目 『伊勢物語』

9回目~11回目 『源氏物語』

12回目~13回目 『新古今和歌集』、『方丈記』

14回目 『徒然草』または説話

《期末試験》

フィードバックの回(日時は後日通知する)

印を付した作品はグループディスカッションを行う予定である。

What events, what things, what qualities provoked the artistic sensitivities of pre-modern Japanese writers and moved them to literary expression? What appealed to them and what did not? What were the objects of Japanese aesthetic appreciation?

In the course of our study, we will attempt to answer these and other questions based on a careful reading of selected works. We will explore themes such as miyabi, mononoahare, wokashi, irogonomi, mujo, etc., as seen in representative works from the Nara to Muromachi Periods. In many cases the themes are recurrent, drawing upon the literature of preceding eras or profoundly influencing that of later periods, and they offer valuable insight into Japanese ideals and ways of thinking. We will also discuss examples, as seen in the text, of pre-modern Japanese conventions, cultural practices and social values tsumadohi, inton (tonsei), masurawo/tawoyame, to name just a few.

種々の作品を残した日本古典文学の作者達は、どのような出来事、事柄、性質によって刺激を受け、

Continue to Introduction to Classical Japanese Literature(3)

### Introduction to Classical Japanese Literature(3)

触発され、そして、その刺激に対し、いかに文学的に答えようとしたのだろうか。どのようなものを好み、どのようなものを敬遠したのだろうか。

本授業では、奈良時代から室町時代にかけての代表的な作品の精読を通じて、上記のような問題について考察する。また、実際に例を見ながら、「みやび」、「もののあはれ」、「をかし」、「いるごのみ」、「無常」といった重要なテーマを考える。「妻問ひ」、「隠遁」、「ますらを(振り・たをやめ(振り)」など、さまざまな社会的慣習、生き方や価値観についても考察を試みる。

# [Course requirements]

None

### [Evaluation methods and policy]

Assessment will be based on the following:

- (1) Contribution to discussions and degree of participation (30%).
- (2) Final exam (70%).

成績判定は以下によって行う。

(1)ディスカッションへの貢献度・参加度合い(30%)。

(2)期末試験(70%)。

Grading scale used: raw score based on assessment of (1) and (2) above (maximum 100 points)

成績評点の種別:素点(100点満点)

Further details of the grading policy will be explained during the first lecture.

成績評価基準の更なる詳細は初回の授業時に説明する。

### [Textbooks]

Handouts and required reading material will be uploaded to PandA [Resources]. PandAの[授業資料・リソース]に資料を掲載する。

### [References, etc.]

### ( Reference book )

- (1) McCullough, Helen Craig, Classical Japanese Prose: An Anthology, Stanford University Press, 1990.
- (2) Carter, Steven D. (translator), Traditional Japanese Poetry: An Anthology, Stanford University Press, 1991.
- (3) Keene, Donald (ed.), Anthology of Japanese Literature: from the earliest era to the mid-nineteenth century, Grove Press. 1955.
- (4) Miner, Earl et al., The Princeton Companion to Classical Japanese Literature, Princeton University Press, 1985.
- (5) Haruo Shirane (ed.), Traditional Japanese Literature: An Anthology, Beginnings to 1600 (Translations from the Asian Classics), Columbia University Press, 2008.
- (6) William Theodore De Bary et al., Sources of Japanese Tradition: From Earliest Times to 1600 (Introduction to Asian Civilizations), Columbia University Press, 2002.
- (7) William Theodore De Bary et al., Sources of Japanese Tradition Vol. 2: 1600 to 2000 (Introduction to Asian Civilizations), Columbia University Press, 2005.

# [Study outside of class (preparation and review)]

(1) Students are expected to review the content of each lecture each week, including and especially any key terms and concepts introduced in class.

Continue to Introduction to Classical Japanese Literature(4)

### Introduction to Classical Japanese Literature(4)

毎週授業で紹介された作品に関するキーワードや概念をはじめ、講義の内容を復習すること。

(2) Students are requested to prepare for the discussion sessions by carefully reading the assigned material before coming to class. Discussion time is limited, so students need to form their opinions in response to the discussion questions in advance, and be ready to explain their thoughts concisely and efficiently. Students should also come prepared with questions to ask of their group members.

この授業では、数向、少人数によるディスカッションを行う。ディスカッションが予定されている回については、前もって資料を読んでくること。ディスカッションの時間は限られているので、効率よく進めるために、各テーマについてあらかじめ自分の意見や考えをまとめ、簡潔に述べられるように準備し、また他のメンバーに聞きたい質問を考えておくこと。

# [Other information (office hours, etc.)]

オフィス・アワーはKULASISで確認して、アポをとってください。

For my office hours, please check KULASIS and make an appointment.

Lecture code: T054001

Course nu	mber	U-I	AS30 200	34 LE	13									
Course title (and course title in English)	•		d Technolog nd Technol	05 (	語講義	name and d	ictor's , job title, epartment liation		Disaster Prevention Research Institut Program-Specific Professor, TOSA NAOKO					
Group In	formati	cs			Field	Field(Classification)				(Issues)				
Language of instruction					Old	Old group Group B Number of credits					2			
Number of weekly time blocks	ekly 1 Class style				ecture Face-to-	ırse)	Ye	Year/semesters		2024 •	Second semester			
Days and periods	Tue.5			Targe	et year	All stud	ents	Eli	igik	ble students	For al	l majors		

# [Overview and purpose of the course]

We will discuss several serious issues, starting from the topic of art and technology, proceeding to the topic of culture and technology, and finally reaching to the topic of the new world based on the integration of these different concepts where both creators and viewers can reach deep mutual understandings.

When we talk about art that achieves this mutual understanding, we have to admit that cultural issues would play a major role there. We can call the 1970's and the immediately following decades as the era where the relation between art and technology was the main topic. Now, in the early era of the twenty-first century, we should consider the relationship between culture and technology, in other words, culture in the Internet era.

Each specific culture is strongly related to its region and race. Therefore, it is necessary to actually live there to really understand the culture specific to each place. At the same time, humans have been trying to realize virtual experiences of such ways of living by utilizing strong computing technology and by introducing sophisticated interaction technologies. Based on this, it would become possible for technology to clarify what culture is and, on the other hand, cultures could push technology forward. As a result, we are now approaching the stage where technologies could extract structures that hide behind each culture and try to realize communications among different cultures.

In the twenty-first century, in the area of computer technology, the basic trend involves us moving from the era of calculation, database processing, information processing, etc., to the era of addressing culture, expressing culture, handling types and structures behind several cultures, and, as a result, letting people understand different cultures at a spiritual level. In other words, I can say that we are getting into the era of Cultural Computing.

# [Course objectives]

Basic study of Art & Technology.

Students will understand Japanese Culture through making digital art works.

# [Course schedule and contents)]

We want to introduce and discuss the still-unveiled possibilities of Cultural Computing which would express, in the interactive way, such substantial cultural issues such as sensitivity, memory, spirituality, storytelling, racial characteristics, etc., that have not been addressed in computer science and engineering so far. There are various possibilities in this area. From an artistic point of view, Cultural Computing can go beyond the present day media art by treating cultural issues described above. From the viewpoint of technology, it would open a new area in computer technologies, which so far has only been addressing the digitization of cultural

Continue to Art , Culture and Technology (英語講義) (2)

# Art, Culture and Technology (英語講義)(2)

heritages/contents for the purpose of preserving them. The digitization of cultural issues would make it possible for people to understand different cultures, bridging the gaps between time and space, consequently creating new cultures.

We particularly examine Japanese culture, although it is only a small subject of computing.

- 1 Japanese tastes for simple and quiet surroundings(WabiSabi)
- 2 · Relations between Japanese and Asian cultures
- 3 · Assuming the separation of Buddhism and Shintoism as a basis of Japanese cultural structure
- 4 Peculiar features of Japanese literature such as the 31- syllable poem, Haiku poem, and Noh play
- 5 Japanese designs (crests, textile, color, form, Noh play and Kabuki)
- 6 Understanding the depths of feeling and culture from communication through computers

(Total: 14 classes, 1 Feedback session )

# [Course requirements]

Graduate student who is interested in art & technology) can take this class too.

# [Evaluation methods and policy]

Art work, report, class attendance and active participation.

Please submit all homework art works.

More detailed instructions will be provided in class.

# [Textbooks]

NAOKO TOSA 『Cross-Cultural Computing: An Artist's Journey』 (Springer UK ) ISBN:978-1-4471-6512-5

# ( Related URL )

https://tosa.dpri.kyoto-u.ac.jp/

# [Study outside of class (preparation and review)]

Assignments and reports that can be completed in about 2 hours

More detailed instructions will be provided in class.

### [Other information (office hours, etc.)]

Sometime, students go to recommend of Art exhibition at Kyoto area.

Lecture code: H274001 for Fri.2 H274002 for Fri.3

Course nu	mber	U-L	AS01 100	10 LE	138							
Course title (and course title in English)			ry II-E2 ry II-E2			and d	ctor's , job title, epartment liation		Graduate School of Human and Environmental Studies Senior Lecturer, BHATTE, Pallavi Kamlakar			
Group Hu	manitie	s and S	Social Scie	nces	Field	(Classifi	cation)	Hist	tor	y and Civiliza	tion(Fo	undations)
Language of instruction						Old group Group A				Number of c	redits	2
Number of weekly time blocks	Class style Lecti			ecture Face-to-	cture ace-to-face course)			'ea	r/semesters	2024 • Second semester		
Days and periods	Fri.2/I				-	All stud	l students		Eligible students		For all majors	

### [Overview and purpose of the course]

This is an introductory undergraduate course, providing students a basic narrative of major turning points that shaped modern Europe from the late 18th-century through the present, including the cause and the course of the two world wars.

The purpose of this course is to develop

- (a) an understanding of some of the principle themes in modern Western History, and
- (b) an ability to analyze historical evidence and historical interpretation, and
- (c) an ability to express historical understanding verbally.

### [Course objectives]

One of the goals of this course is to help students to consider multiple accounts of historical events in order to understand international relations from a variety of perspectives. Besides nurturing their English reading, writing and communication skills, the ultimate goal of this course is to provide a platform for students to discuss history in English.

# [Course schedule and contents)]

Week: Content

- 1: Introduction to the course and Overview
- 2/3: The French Revolution and Napoleon
- 4/5: The Industrial Revolution and Pax Britannica
- 6/7: World War I
- 8/9: Interwar period and the rise of Fascist Italy, Germany and Japan

10/11: World War II

12/13: The Cold War

14: Post Cold War and the Contemporary Era Final examination

Continue to Western History II-E2(2)

# Western History II-E2(2)

15: Feedback & Summary of the Course

\*Note: The schedule may change slightly depending on class requirements.

# [Course requirements]

There are no prerequisites. This course is open to all students regardless of major. Enthusiasm and willingness to participate and share ideas in class is necessary.

# [Evaluation methods and policy]

A system of continuous evaluation will be adopted.

Although this will be a lecture styled course, students will be required to engage in discussions and/or presentations and submit written work in English as per instructions.

Final grade will be based on the following:

10% Regular participation and activity in class.

40% Two written responses to readings (20% each)

50% Exam/Final Paper at the end of the course.

# [Textbooks]

Not used

# [References, etc.]

### ( Reference book )

Introduced during class

Reference materials and readings will be provided in class as per requirements.

Students will be expected to go through the handouts and bring them to class as per instruction.

# [Study outside of class (preparation and review)]

No prior knowledge of history is required. Students should be able to participate in discussions with their classmates in English. All necessary out of class preparation announced in class is mandatory.

# [Other information (office hours, etc.)]

Tuesdays 1:30-2:30 pm, and by appointment; email \*in advance\* to meet in person or set up remote meeting (via Zoom) during office hours.

Please visit KULASIS to find out about office hours.

Inclusivity & Classroom Behavior:

Please be respectful to everyone and everything in class.

I will remain mindful of the need to foster an inclusive academic environment and ask you to do the same. If you have any specific needs related to accessibility, please discuss them with me, confidentially, as soon as possible.

Academic Integrity:

Written work submitted throughout the course should adhere to the standards of academic honesty, as defined in the Kyoto University Student Handbook.

Lecture code: H918002

Course nu	ımber	U-I	AS06 100	)10 LE	43							
Course title (and course title in English)		1 2	Economic Economic			Instructor's name, job title, and department of affiliation  Kyoto University Not fixed						
Group Hu	ımanitie	s and S	Social Scie	nces	Field(	Field(Classification) Jurisprudence, Politics and Economics(Foundation)						
Language of instruction					Old group Group A				Number of c	redits	2	
Number of weekly time blocks	1	Class style Lectu (Fac				face cou	ırse)	Ye	ear/semesters	2024 • Second semester		
Days and periods				Targe	t year	All stud	All students		Eligible students		For all majors	

### [Overview and purpose of the course]

This course is an introductory undergraduate course that teaches the fundamentals of macroeconomics and application of economics concepts. It provides a solid foundation for macroeconomic analysis and thinking that can last throughout their education and subsequent professional careers.

# [Course objectives]

After completing this course, students should have developed a range of skills enabling them to understand economic concepts and use those concepts to analyze specific questions.

By the end of this course, students should be able to understand economic growth, recession/booms, un-/employment, de-/inflation, and the financial system.

# [Course schedule and contents)]

### Course Description:

This course begins with an introduction to supply and demand and the basic forces that determine an equilibrium in a market economy. Next, it introduces a framework for learning about macroeconomics indicator, such as the Gross Domestic Product (GDP) and the Consumer Price Index (CPI). We then turn our attention to specific economic problems such as recessions, unemployment, inflation, international trade etc. The final section of the course provides an opportunity of independent learning. It helps students to deeply understand basic tools of macroeconomics and the way to apply them to real world economic policy.

### Content Outline:

- 1. What is Economics
- 2. Economic Methods and Questions
- 3. Optimization, Choice in the World of Scarcity
- 4. Equilibrium, Demand and Supply
- 5. Pricing Elasticity
- 6. The Macroeconomic Perspective
- 7. Inflation and The cost of Living
- 8. Economic Growth
- 9. Employment and Unemployment
- 10. Money and Banking
- 11. Monetary Policy and Bank Regulation
- 12. The International Trade and Capital Flows
- 13. Students ' Conference on Selected Macroeconomic Topics (I)

Continue to Contemporary Economics II-E2(2)

### Contemporary Economics II-E2(2)

- 14. Students 'Conference on Selected Macroeconomic Topics (II)
- 15. Feedback

### Course Methodology:

The course will use primarily interactive lectures and case studies to help students develop knowledge of "real world" economics. Quizzes will be spread out over the term of the course. The last three lectures will be accompanied by group presentation, all students are required to participate. Group will be required to select a research topic a list of topics presented by the instructor.

# [Course requirements]

Non

# [Evaluation methods and policy]

Quizzes (6/10); Presentations (4/10);

### [Textbooks]

Steven A. Greenlaw, David Shapiro, Timothy Taylor. Frinciples of Macroeconomics. 2e (2017) (Openstax) ISBN:9781947172388

### [References, etc.]

### ( Reference book )

Mankiw, NG Principles of Macroeconomics. 8e (2018) (Cengage Learning)

Williamson, SD Macroeconomics. 5e (2014) a

# [Study outside of class (preparation and review)]

- Prepare and review class contents (textbook).
- Complete and submit all assignments, and take quizzes by the assigned due dates.

# [Other information (office hours, etc.)]

to be announced

Lecture code: HA05001

Course n	um	ber	U-L	AS03 100	05 S	B48								
Course title (and course title in English)	Re	eading	s in Hu	(教育・ umanities cation, Eng	and S	Social		name and d	ctor's , job title, epartment liation		Graduate School of Education Professor,Emmanuel MANALO			
Group H	lum	manities and Social Sciences F						Field(Classification)			lin	gs in Humaniti	es and S	Social Sciences
Language of instruction	anguage of nstruction English				O	Old group Group C					Number of c	redits	2	
Number of weekly time blocks	eekly 1 Class style				eminar Face-to-face course)			Year/semesters			2024 • Second semester			
Days and periods	eriods Mon.4 Targe			get yea	ır 2n	ıd year stu	dents or above	Eli	igi	ble students	For all majors			

### [Overview and purpose of the course]

The main purpose of this course is to develop students 'English communication skills (reading and writing, listening and speaking) through examination and discussion of recent scientific research studies in Education. Students will be assigned readings to undertake, as well as to look for their own pertinent research articles to read. They will be asked to write brief reports about what they have read, to make short presentations in class, and to contribute to discussions.

# [Course objectives]

The objective of this course is to facilitate the development of students' reading, writing, listening, and speaking skills in English through active engagement in authentic tasks relevant to the study of Education. In the process, they will also need to apply critical thinking skills to the materials they read and discuss, and to develop skills in collaborative work with others.

### [Course schedule and contents)]

The following is a guide to the structure of the 16-week lectures of the semester. Some minor adjustments may be made in the process.

Week 1: Introduction to the course and its expectations; introduction to the special issue of a journal we will use for group presentations

Week 2: Example research presentation, assignment of articles to present, discussion of presentation requirements

Week 3 to 4: Presentation preparation and practice

Weeks 5 to 7: Group oral presentations and discussion

Weeks 8 to 12: Discussion, research, preparation, and creation of electronic presentations

Weeks 13 to 14: Electronic presentations and commenting

Week 15: Examination week (There is NO final examination for this course.)

Week 16: Feedback week

# [Course requirements]

None

# [Evaluation methods and policy]

- Two brief presentations = 30% (15% for each)
- Two brief reports = 30% (15% for each)
- Portfolio of work done in class and for homework = 40%

Continue to 外国文献研究 (教育・英) II-E1(2)

外国文献研究(教育・英)II-E1(2)

# [Textbooks]

Not used

# [References, etc.]

### ( Reference book )

Introduced during class

# [Study outside of class (preparation and review)]

Students will be expected to spend about 90 minutes each week on out-of-class preparation, readings, and assignments.

### [Other information (office hours, etc.)]

Students will be expected to read assigned chapters and other readings in preparation for each class. During the semester, students can email the instructor to make an appointment or to ask any questions about the course.

Lecture code: N490003 for Tue.3

Course nu	mber	U-I	AS14 200	37 LE	E68								
Course title (and course title in English)			Biochemi	,		name and d	ctor's , job title, epartment liation		Graduate School of Medicine Professor,THUMKEO, Dean				
Group N	atural S	ciences	1	Field	Field(Classification)			Biology(Issues)					
Language of instruction				Old group Group				Number of credits 2			2		
Number of weekly time blocks	1		Class sty		ecture Face-to-face course)		ırse)	Y	Year/semesters		2024 • Second semest		
Days and periods	Tue.2	/Tue.3	·	Targe	et year	Mainly 1st &	ainly 1st & 2nd year students		Eligible students		For science students		

### [Overview and purpose of the course]

In this introductory lecture, we will learn about the molecular chemical basis of life. Emphasis of this course includes fundamentals of the components that form the backbone of the cell (proteins, nucleic acids, sugars, and lipids), as well as enzyme chemistry and the role of typical proteins. Finally, we will discuss on the link between biochemistry and human diseases, such as enzyme gene deficiencies, and how to treat them.

# [Course objectives]

As all matter is composed of molecules, modern life science aims to explain all aspects of life comprehensively from the molecular level to that of the entire organism. In this lecture, students will attain a basic understanding of the molecular design of life, that is how biomolecules work and cooperate with each other to fulfill virtually all actions exerted by living beings.

# [Course schedule and contents)]

- 1. Introduction to biochemistry, an evolving science
- 2. Genomes, DNA and DNA replication
- 3. Genes and gene expression
- 4. Protein composition and structure
- 5. Exploring DNA and genes
- 6. Exploring proteins
- 7. Introduction to enzymes
- 8. Carbohydrates
- 9. Lipids and cell membranes
- 10. Introduction to metabolism
- 11. Glycolysis
- 12. Citric acid cycle
- 13. Oxidative phosphorylation
- 14. Final examination
- 15. Feedback discussions

Please note that these 13 lecture subjects will cover the complete 14 lecture course of the series.

Continue to Introduction to Biochemistry-E2(2)

# [Course requirements]

None

# [Evaluation methods and policy]

Evaluation will be based on class attendance (~30 %), a report (~ 10%) and a final examination (~60 %).

# [Textbooks]

Not used

Full handouts will be provided.

# [References, etc.]

# ( Reference book )

Berg, Tymoczko and Stryer Biochemistry 7th edition, International a (W. H. Freeman and Co. 2012) ISBN:978-1-4292-7635-1 (Few copies are available in the Medical School Library)

# [Study outside of class (preparation and review)]

I recommend students to confirm the handouts for each lecture and the relevant reference textbooks to learn about the lecture content in advance of the class. Handouts for each lecture will be uploaded on PandA approximately one week before each class.

# [Other information (office hours, etc.)]

Students are welcome to ask any questions in the class. Consultation via email or online meetings such as Zoom is possible. For those students who prefer to discuss directly with me beyond class hours, please arrange appointments by email in advance.

Lecture code: N490004 for Tue.3

Course number			U-LAS14 20037 LE68											
Course title (and cours title in English)	e In	Introduction to Biochemistry-E2 Introduction to Biochemistry-E2					Instructor's name, job title, and department of affiliation			Graduate School of Medicine Senior Lecturer,Marco,Marques Candeias				
Group	Nat	atural Sciences					Field(Classification)				Biology(Issues)			
Language of instruction		English				Old	Old group Group B			Number of credits 2			2	
Number of weekly time blocks		1		Class sty			cture ace-to-face course)				Year/semesters		2024 • Second semester	
Days and periods		Tue.2/Tue.3		Targ	et year	Mainly 1st &	inly 1st & 2nd year students		Eligible students		For science students			

### [Overview and purpose of the course]

This introductory course focuses on the basic concepts of biochemistry. It begins from the molecular design of life and considers its major players; DNA as the genetic material, and then RNA, proteins, carbohydrates and lipids. Based on these preliminary concepts, the course then continues to consider the basic processes involved in metabolism and energy generation in living organisms.

# [Course objectives]

The course provides an understanding of the underlying concepts and principles of the biochemical and molecular processes that control all life. Such understanding will enable students not only to better appreciate the complexities of diverse biological and physiological systems but to use these basic concepts in their everyday lives and as a foundation for many other fields of study.

# [Course schedule and contents)]

Main Topics:

- 1. Introduction to biochemistry, an evolving science
- 2. Genomes, DNA and DNA replication
- 3. Genes and gene expression
- 4. RNA: Life's Indispensable Molecule
- 5. Protein composition and structure
- 6. Exploring DNA and RNA
- 7. Exploring proteins
- 8. Introduction to enzymes
- 9. Carbohydrates
- 10. Lipids and cell membranes
- 11. Introduction to metabolism
- 12. Glycolysis
- 13. Citric acid cycle
- 14. Oxidative phosphorylation
- 15. Final examination
- 16. Feedback discussions

(the above subjects will be taught in 14 classes + examination + feedback)

Continue to Introduction to Biochemistry-E2(2)

### Introduction to Biochemistry-E2(2)

# [Course requirements]

None

# [Evaluation methods and policy]

Evaluation will be based on active participation ( $\sim$ 25 %), mid-course tests ( $\sim$ 30 %), assignments ( $\sim$ 5%) and a final examination ( $\sim$ 40 %)

### [Textbooks]

Alberts; Walter; etc Molecular Biology of the Cell (Garland Science) ISBN:978-0815344537 Denise R. Ferrier Biochemistry (Lippincott's Illustrated Reviews Series) (Lippincott Williams & Wilkins) ISBN:978-1496344496

# [References, etc.]

# ( Reference book )

Introduced during class

# [Study outside of class (preparation and review)]

\*Full lecture slides and additional video clips will be provided. It is expected that students will have read and watched through the slides and clips at least once before class to familiarize themselves with the contents. During the lecture, active discussion and participation (e.g. by a series of Q&A) will ensure a greater understanding of the basic concepts. Finally, a private review of the slides immediately after the lecture will ensure a full and solid understanding of the lecture concepts.

\*The course is associated with a series of small-group, weekly seminars that will help students obtain a deeper understanding of the basic concepts

### [Other information (office hours, etc.)]

\*The course is presented as a series of engaging and active lectures with presentations (by the teacher), videos and discussion.

\*We run an open door policy; questions and discussions will be happily addressed anytime, even outside the official office hour.

Lecture code: W220003 for Thu.3 W220004 for Thu.4

Course number			U-LAS51 10010 SE48											
Course titl (and cours title in English)	5	科学コミュニケーション(理・英)-E3 Science Communication (Science, English)-E3						Instructor's name, job title, and department of affiliation			Part-time Lecturer, James de Witt Graduate School of Science Associate Professor, TSUNEMI TOSHINAO			
Group	Car	eer De	velopn	nent	Field(	Field(Classification)				International Communication				
Language of instruction		English			Old	Old group Group C			Number of credits 2			2		
Number of weekly time blocks		1	I Class style		eminar Face-to-:	minar Face-to-face course)				Year/semesters		2024 • Second semester		
Days and periods		Thu.3/	hu.3/Thu.4 Targe		et year 2	t year 2nd year students or above			lig	ible students	For science students			

# [Overview and purpose of the course]

The primary focus of this course will be on understanding scientific materials presented in an all-English environment. Coursework will emphasize group study and discussion, vocabulary-building, and clear description of scientific ideas through a variety of activities. Enrollment will be open, but is intended mainly for Rigakubu second-year students.

英語の環境下で日本語を通さずに、科学に関する文献や資料を理解するための授業です。 グループ学習と議論、語彙の習得、科学的考え方の明確な記述に重点を置きます。 誰でも受講できますが、理学部2回生が主な対象です。

### [Course objectives]

To acquire methods to improve your understanding of English-language scientific information and your skills in presenting them, for later educational and professional purposes

# [Course schedule and contents)]

Materials will be selected from the fields of mathematics,

physics/astrophysics, earth science, chemistry, and biology, and include authentic works by and about significant achievements of famous scientists.

Lessons will include the content below. The planned number of lectures for each topic are indicated in the parentheses.

### Orientation (1)

Summarizing information and collaborative discussion (4)

Event/observation/description: limitations in scientific communication (2)

- Thought experiments conducted in class

Organization of ideas in scientific literature (5)

- Improving reading comprehension through understanding of logical structure
- Standards in journal article structure
- Understanding and creating abstracts

Presentation of a model, and description of a scientific principle it

demonstrates (1)

Final quiz, future directions (1)

Feedback (1)

Continue to 科学コミュニケーション (理・英)-E3(2)

科学コミュニケーション(理・英)-E3(2)

Reading and discussion of journal articles and students' choice of Nature News articles will be given from each of the five basic Faculty of Science divisions of mathematics, physics/astrophysics, earth science, chemistry, and biology.

Mr. De Witt is always present for the lessons, and Dr. Tsunemi may occasionally be present.

# [Course requirements]

None

# [Evaluation methods and policy]

Preparedness, daily participation, and assignments.

Daily in-class grades based on 0, 1, 2, or 3 points will be given as follows:

0-no participation or preparation, 1-some but inadequate participation or preparation, 2-normal, expected level of participation and preparation, 3-extra participation and preparedness, beyond the basic requirement. Plus and minus indicators may also be given, to indicate in-between levels, with 3 such indicators adding to one grade point.

One in-class grade point may be subtracted or tardiness, speaking too much Japanese in class, breaking basic rules, etc., for each day with incidence.

# [Textbooks]

Not used

Topics will be selected from the scientific literature for discussion, summarization, and presentation.

# [References, etc.]

### ( Reference book )

Introduced during class

# [Study outside of class (preparation and review)]

Read and summarize assigned articles handed out or online, write an article abstract, prepare a simple model to demonstrate, etc.

# [Other information (office hours, etc.)]

Students are encouraged to actively participate in discussions and preparations of topics, primarily in small groups or pairs.