# Course Syllabus: Spring Semester 2017

## Course Short List

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<th>No.</th>
<th>Course Type</th>
<th>Course Area</th>
<th>Subject Name</th>
<th>Credits</th>
<th>Spring Semester</th>
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<tr>
<td>1</td>
<td>Special Course</td>
<td>Politics</td>
<td>Politics and Foreign Relations of Japan</td>
<td>2</td>
<td>1st term</td>
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<tr>
<td>2</td>
<td>Special Course</td>
<td>Culture, Business, Economics</td>
<td>&lt;2T&gt;: Study on Japanese Companies &amp; Organizations</td>
<td>2</td>
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<td>3</td>
<td>Special Course</td>
<td>Culture</td>
<td>&lt;1T&gt;: The Independent Study on Japanese Culture and Peace</td>
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<td>&lt;1T&gt;: The Japanese Culture and Peace</td>
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<td>Special Course</td>
<td>Culture, Business, Economics</td>
<td>&lt;2T&gt;: Study on International Issues and Challenges</td>
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<td>6</td>
<td>Special Course</td>
<td>Culture</td>
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<td>7</td>
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<td>Modern Chemistry</td>
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<td>8</td>
<td>Special Course</td>
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<td>Recent Developments in Biological Sciences</td>
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<td>10</td>
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<td>11</td>
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<td>Culture, Business, Economics</td>
<td>&lt;1T&gt;: The Independent Study on Japanese Companies and Organizations</td>
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<td>12</td>
<td>Special Course</td>
<td>Culture</td>
<td>The Independent Study on Japanese Society and Gender Issues</td>
<td>1</td>
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<td>13</td>
<td>Special Course</td>
<td>Culture</td>
<td>The Independent Study on Development of Cross-cultural Understanding and Global Mindset</td>
<td>1</td>
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<td>15</td>
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<td>Law</td>
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<td>19</td>
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<td>Introduction to Advanced and Integrated Science</td>
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<td>Intermediate Japanese IIB</td>
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<td>Spring Semester</td>
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</tbody>
</table>

<1T>: This symbol means that this course will be held during the first (1st) term.
FYI. 1st term: April 10th, 2017 - June 9th, 2017

<2T>: This symbol means that this course will be held during the second (2nd) term.
FYI. 2nd term: June 12th, 2017 - August 9th, 2017

*The course information from page 24 through 29 is subject to change.

**Notice:** There are variety of ‘Other Courses’ taught in Japanese for regular students in various faculties. HUSA students who have acquired advanced level of Japanese are eligible to take these courses with other Japanese students. See [https://momiji.hiroshima-u.ac.jp/syllabus](https://momiji.hiroshima-u.ac.jp/syllabus)

## Course Information

**1) Politics and Foreign Relations of Japan**

2 Credits (2UCTS)

YOSHIDAO萨MU, MORIBE SEICHI

Faculty of Law

English

This course is aimed at providing the basic knowledge and understanding of Japanese politics, both domestic and foreign, in English for Japanese and non-Japanese students. Current policy debates on domestic and foreign policies of Japan and its new style of politics since the political reform of 1994 will be explored. Students are expected to actively participate in the discussion that follows the lecture delivered by the instructors.

2) <2T>Study on Japanese Companies & Organizations

2 Credits (2UCTS)

HOTTA TAIJI

Faculty of Education

English

This course focuses on the structure, management and other characteristics of Japanese companies and organizations. The class particularly asks students to
analyze and write a term paper on Japanese companies and organizations from a comparative perspective of Japanese and students' own cultures.

### 3)<1T> The Independent Study on Japanese Culture and Peace

1 Credit (1UCTS)

HOTTA TAIJI

Faculty of Education

**English**

This is a supplementary course to the course, "Japanese Culture and Peace." Therefore, a student must register for "Japanese Culture and Peace" simultaneously. In addition to all the course work of the main class, this course requires all registered students to conduct further research and write an advanced-level research paper. The student must spend approximately 45 hours of student workload to write the research paper by focusing on Japanese culture and/ or peace.

### 4)<1T> The Japanese Culture and Peace

2 Credits (2UCTS)

HOTTA TAIJI

Faculty of Education

**English**

This course focuses on the study of (1) the four Japanese traditional ideologies, namely Shintoism, Confucianism, Confucianism and Buddhism, (2) Japanese basic patterns of behavior, and (3) peace education in Hiroshima. In addition to a series of lectures by the instructor, there will be two guest speakers who talk about the experience of Hiroshima in August 6, 1945. One of them will be an A-bomb survivor. There will be one mid-term exam about four ideologies, and all students are expected to write a short research paper on a topic relevant to the subject of this course. The students who would like to earn one additional credit are required to take another self-study course for a Japanese cultural study.

### 5)<1T> Study on International Issues and Challenges

3 Credits (3UCTS)

HOTTA TAIJI

Faculty of Education

**English**

This course focuses on the study of global issues and future challenges, which all AIMS & HUSA member states are concerned. All international students who came to study in Hiroshima University through AIMS and HUSA programs are eligible to take this class, though the number of HUSA students will be limited, if the total number of registration exceeds the maximum of 18 students.

### 6) Japanese Society and Lifestyles

2 Credits (2UCTS)

Naoe Kawamoto

Faculty of Integrated Arts and Sciences

**English only**

The aim of this course is to deepen students' understanding of Japanese people and Japanese society. In this class issues concerning contemporary life of the Japanese are examined and their cultural and social backgrounds will be lectured on and discussed. The course will also discuss both the similarities and differences between Japan and other countries.

### 7) Modern Chemistry

2 Credits (2UCTS)

TBA

Faculty of Science

**English only**

In this course, we present an introduction of the researches performed in the department of chemistry, graduate school of science in Hiroshima University. Each subject will be presented with omnibus manner by a different expert of each field of science, which covers physical chemistry, analytical chemistry, inorganic chemistry, organic chemistry and biochemistry.

### 8) Recent Developments in Biological Sciences

2 Credits (2UCTS)

TBA

Faculty of Science

**English only**

- The extracellular matrix in vertebrates
- Plant Genetics
- Genetic programming of body plan in vertebrates
- Gene expression and signal transduction of plant
- Amphibian metamorphosis
- Why lancelets? Chordate origin and diversity
- Bryophytes as primitive land plants: diversity and unique features
- Trans-kingdom gene transfer phenomena
- Regulation of gene expression and genetic control of marine invertebrate development
- Plant function, metabolism and biotechnology
- Nucleic acids structure & DNA repair

### 9) Japanese Art and Global Education

2 Credits (2UCTS)

Kazuyo NAKAMURA

Faculty of Education

**English only**

This course will investigate some of the ways in which the theory and practice of art education are affected by the contemporary processes of globalization and consider how art education might engage with global issues from the perspective of multiculturalism. The course will begin with an exploration of the nature of Japanese art through reading and practicing it, and will look at the changing nature of cultural practices in the time of globalization. It will then consider how art education might contribute to the creation of a more desirable cultural order.
10) Cross-Cultural Studies on Education
2 Credits (2UCTS)
MARUYAMA, Yasushi
Faculty of Education
English only
This course will consider education in Japan as well as other countries, and enhance students’ cross-cultural understanding. It has the following three objectives: 1) to have a brief idea about education in Japan; 2) to understand similarities and differences in education of different cultures; and 3) to possess an ability of mutual recognition in cross-cultural settings. Students are required to read course materials in advance, to attend class discussion, to give presentations about course materials and education in their own cultures, and to submit a term paper. They may also visit several schools near-by campus. The theme of this year may be “how to plan a cultural exchange program.”

11) The Independent Study on Japanese Companies and Organizations
1 Credit (1UCTS)
HOTTA TAIJI
Faculty of Education
English
This course is a supplementary class for the “Study on Japanese Companies & Organizations” class. Therefore, this course cannot be registered without taking the main course, the “Study on Japanese Companies & Organizations” simultaneously. In addition to all course work of the main class, this course requires all registered students to conduct research and write an advanced-level research paper. The student must spend at least 45 hours of student workload to write the research paper by focusing on Japanese companies or organizations.

12) The Independent Study on Japanese Society and Gender Issues
1 Credit (1UCTS)
Naomi TSUNEMATSU
Faculty of Education
English only
This course aims at learning how to conduct research and write academic paper on the topic of ‘Japanese Society and Gender Issues’. In order to take this course, students are required to take ‘Japanese Society and Gender Issues’ in Fall Semester. By acquiring knowledge on gender issues in Japan through the ‘Japanese Society and Gender Issues’ course, students are expected to find a topic to conduct research on. Students learn how to define a research topic, conduct literature review, collect data, and write a research paper by incorporating feminist theories.

13) The Independent Study on Development of Cross-cultural Understanding and Global Mindset
1 Credit (1UCTS)
Naomi TSUNEMATSU
Faculty of Education
English only
This course aims at learning how to conduct research and write academic paper on the topic of the development of cross-cultural understanding and global mindset.

14) Special Subject IV (Business Economics)
2 Credits (2UCTS)
OOKOUCHI OSAMU
Faculty of Economics
English
This course is to study the business practices of Japanese firms from the viewpoint of microeconomics, game theory, and economics of information.

15) Legal System and Japanese Society
2 Credits (2UCTS)
YOSHINAKA NOBUHITO,
NISHITANI HAJIME,
YAMAGUTI MIKIO
Faculty of Law
English
The aim of this course is to provide chiefly overseas students with an opportunity to study selected issues in Japanese society and the legal system in comparison with other jurisdictions. It will cover the basic issues in constitutional law, civil law, criminal law, business law, international law and so forth.

16) Tropical Biosphere Science A
2 Credits (2UCTS)
TBA
Faculty of Applied Biological Science
English only
TBA

17) Tropical Biosphere Science B
2 Credits (2UCTS)
TBA
Faculty of Applied Biological Science
English only
TBA
Theories of Second Language Acquisition

2 Credits (2UCTS)
Miki Shibata
Faculty of Integrated Arts and Sciences
Japanese (20%) + English (80%)

This class will introduce the general knowledge and basic concepts of American culture and society. The second objective is to improve students' English proficiencies, so that students will be able to attend regular classes offered by English Native instructors in the future.

20) INU Collaborated Special Lecture
HOTTA TAJII
Liberal Arts Education Program 1
Japanese (60%) + English (40%)

The objectives of this class are to give students the ability to read long compositions at intermediate level, gain sufficient reading comprehension to understand reliably what those texts try to convey and also foster the ability to express accurately what the content of those texts means.

21) CMOS Logic Circuit Design
2 Credits (2UCTS)
MATTAUSCH, HANS-JÜRGEN
Engineering
Japanese (20%) + English (80%)

Student will learn basic grammar, expressions, vocabulary, and kanji at the elementary level. Students will also acquire practical usage of Japanese language in various situations.

23) Elemental Japanese IIB
2 Credits (2UCTS)
TSUNEMATSU NAOMI
Faculty of Education

Student will learn basic grammar, expressions, vocabulary, and kanji at the elementary level. Students will also acquire practical usage of Japanese language in various situations.

24) Elemental Japanese IIC
2 Credits (2UCTS)
TSUNEMATSU NAOMI
Faculty of Education

Student will learn basic grammar, expressions, vocabulary, and kanji at the elementary level. Students will also acquire practical usage of Japanese language in various situations.

25) Intermediate Japanese ID
2 Credits (2UCTS)
ISIHARA JUNIYA
Faculty of Education

The objectives of this class are to give students the ability to read long compositions at intermediate level, gain sufficient reading comprehension to understand reliably what those texts try to convey and also foster the ability to express accurately what the content of those texts means.

26) Intermediate Japanese IE
2 Credits (2UCTS)
ISIHARA JUNIYA
Faculty of Education

The objectives of this class are to give students the ability to read long compositions at intermediate level, gain sufficient reading comprehension to understand reliably what those texts try to convey and also foster the ability to express accurately what the content of those texts means.
27) Intermediate Japanese IF
2 Credits (2UCTS)
SHIMOMURA MARIKO
Faculty of Education
The objective of this course is to gain listening comprehension of the text on various topics and to develop speaking and writing skills.

28) Intermediate Japanese IID
2 Credits (2UCTS)
TAMURA YASUO
Faculty of Education
The aim of this class is to cultivate students’ reading skills of long compositions and to instill knowledge of intermediate level grammar, vocabulary and expressions in students.

29) Intermediate Japanese IIE
2 Credits (2UCTS)
TAMURA YASUO
Faculty of Education
The aim of this class is to cultivate students’ reading skills of long compositions and to instill knowledge of intermediate level grammar, vocabulary and expressions in students.

30) Intermediate Japanese IIF
2 Credits (2UCTS)
SAKATA TERUMI
Faculty of Education
The course focuses on:
1) understanding of Japanese culture and society by discussing topics in daily life;
2) enriching vocabulary by dealing with various daily scenarios and situations, and
3) developing overall Japanese language skills through various language exercises.

31) Advanced Japanese A (Cinema)
2 Credits (2UCTS)
ISHIHARA JUNYA
Faculty of Education
The aims of this course are as follows:
1) Practice of listening and explanation of Japanese sounds as they appear in movies,
2) Enlarge students’ vocabulary by giving explanation about the meaning, and usage of lines by actors,
3) Increase understanding of the behavior patterns of Japanese people,
4) Increase students’ knowledge of Japanese culture and society through the topics dealt with in the movies.

32) Advanced Japanese A (Lexical)
2 Credits (2UCTS)
TAMURA YASUO
Faculty of Education
The aim of this course is to give students a more natural ability of expression in Japanese, by practicing the Japanese readings of Chinese characters, idioms, onomatopoeia and mimetic words.

33) Advanced Japanese A (Listening)
2 Credits (2UCTS)
FUKAMI KANETAKA
Faculty of Education
To acquire the ability to understand a lecture (by listening)

34) Advanced Japanese A (Analysis)
2 Credits (2UCTS)
NAKAGAWA MASAHIRO
Faculty of Education
Students get accustomed to writing in Japanese, and deepen their understanding of this language by way of comparative analysis of foreigners’ Japanese with native Japanese. To recognize clearly their actual ability in Japanese, they should write in Japanese one essay a week. Every essay will be returned after it has been corrected using a wordprocessor for students to compare objectively the original writing and the corrected version and consider their own problems in using Japanese. In handouts we present wrong or problematic writings in Japanese and compare them with possible rewritings or refer to various grammar items and typical expressions and explain stylistic facts to analyse Japanese natives’ sense, psychology and thought. In the spring semester we focus on Japanese translation and summary work.

35) Advanced Japanese A (Expression)
2 Credits (2UCTS)
UKIDA SABUROU
Faculty of Education
Using Japanese proverbs as study material, contrastively compare proverbs in various countries, and give students an understanding of Japanese culture and their descriptions of nature, Japanese ways of thinking, the fun of metaphorical expressions, and ways of expressions in Japanese.
Graduate students are eligible to take courses offered in the graduate program.

Course Short List

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<tr>
<th>No.</th>
<th>Course Type</th>
<th>Course Area</th>
<th>Subject Name</th>
<th>Credits</th>
<th>Spring Semester</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Graduate Course/Integrated Course</td>
<td>Humanity Social Sciences</td>
<td>Asian Cultures</td>
<td>2</td>
<td>2nd term</td>
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<td>2</td>
<td>Graduate Course/Integrated Course</td>
<td>Science</td>
<td>General Biosphere Science</td>
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<td>Spring Semester</td>
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<td>3</td>
<td>Graduate Course/Integrated Course</td>
<td>Science</td>
<td>Practical work on writing reports and presentation (1)</td>
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<tr>
<td>4</td>
<td>Graduate Course/Integrated Course</td>
<td>International Cooperation Studies</td>
<td>Environmental Management Technology</td>
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<td>Spring Semester</td>
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Course Information

1) Asian Cultures
SEKI KOKI, MAHARIJAN KESHAV LALL, TOGANA MASAHIKO
Graduate School for International Development and Cooperation (Master)
English only

Graduate students will take the opportunity to discuss how to understand different cultures and societies in Asia, which will be helpful for the study of international cooperation and development. The classes will discuss different methodologies and approaches for understanding of Asian cultures and societies, and also will examine the important topics in the area studies in Bangladesh, Philippine, India, Indonesia, Malaysia, and Nepal.

2) General Biosphere Science (1)
LIAO LAWRENCE MANZANO
Graduate School of Biosphere Science (Master's course)
English

The aim of the course is to provide a comprehensive introduction to the diversity and some aspects of the physiology of aquatic phototrophs, namely cyanobacteria, algae and marine angiosperms including halophytes. The evolutionary history of these organisms will also be introduced. Their biology will be tied to some ecological and economic applications.

3) Practical work on writing reports and presentation (1)
LIAO LAWRENCE MANZANO
Graduate School of Biosphere Science (Master's course)
English

The aim of this course is to train and expose students to conventions of scientific research through practical experiences in literature searches, American English manuscript writing, preparation and electronic submission, effective research poster and oral presentations in English. The course will provide students with practical and useful steps in various aspects of scientific communications enabling them to convey research results in the most efficient and confident manner following accepted international standards.

4) Environmental Management Technology
YAMASHITA TAKAO, NAKAGOSHI NOBUKAZU, FUJWARA AKIMASA
Graduate School for International Development and Cooperation (Master)
English only

Lectures on Environmental Management Technology with respect to the following subjects: Discussions on Environmental Management of integration of the lectures. Subjects: “Problems of resources, energy and environment, Earth System, Natural and man-made forest ecosystems, Agro-ecosystems and Urban ecosystems, Environmental issues caused by the population problems, I/O analysis to the environmental issues, Evaluation methods of the environment (i.e. non-market goods)”