

NUPACE

*Nagoya University
Programme for Academic
Exchange*

Academic Policies & Syllabi

Spring 05

NUPACE Academic Calendar & Policies – Spring 2005

1. Calendar

Apr 7 ~ Jul 22	NUPACE (Japan area studies; majors) & regular university courses
Apr 14 ~ Jul 15	University-wide Japanese Language Programme
Jul 25 ~ Sep 30	Summer Vacation
Jul 25 ~ Aug 9	Summer Intensive Japanese Language Programme

National Holidays

(No classes will be held on the following days)

Apr 29	みどりの日	(Greenery Day)
May 3	憲法記念日	(Constitution Day)
May 4	国民の休日	(National Holiday)
May 5	こどもの日	(Children's Day)
Jul 18	海の日	(Marine Day)

In addition, most classes will be cancelled on June 2 and 3 for the Nagoya University Festival. Please check with your class instructors.

2. Courses

Japanese & Other Language Courses:

Standard Course in Japanese (8 Levels: SJ101~SJ302)	4 credits	p 6
Intensive Course in Japanese (4 Levels: IJ111~IJ212)	8 credits	p 8
Kanji à la carte	0 credits	p 9
Summer Intensive Japanese Language Programme	0 credits	p 9
Foreign Language Courses (Graduate School of Languages & Cultures)	2 credits	p 10

入門講義 <J> (Introductory Courses Taught in Japanese):

国際関係論 II (Global Society II)	2 credits	p 10
日本文化論 II (Introduction to Japanese Society & Culture II)	2 credits	p 11
日本語学・日本語教育学 II (Introduction to Japanese Linguistics II)	2 credits	p 11
言語学入門 II (Introduction to Linguistics II)	2 credits	p 12

<J> Courses taught in Japanese and which require at least level 2 of the Japanese Language Proficiency Test (JLPT) or equivalent.

Japan Area & Intercultural Studies

Communication & Human Relations in Cross-cultural Contexts	2 credits	p 13
Contemporary Japanese Society	2 credits	p 13
Introduction to Japanese Politics	2 credits	p 14
Modern Japan & Its Post-WWII International Relations	2 credits	p 15

Courses in the Student's Major

Education Center for International Students (ECIS):

(Advanced Studies in Japanese Language & Culture II)	8 credits	p 17)
Japan as an International Society: A Socio-legal Perspective	2 credits	p 17

School of Agricultural Sciences:

Intensive Course: Is Highland Agriculture Sustainable? A Case Study of Highland Vegetable Cultivation in Southeast Asia	1 credit	p 18
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School of Economics:

Developmental Economics	2 credits	p 18
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School of Education:

American & Japanese Cross-cultural Communication	2 credits	p 19
Education in Japan	2 credits	p 20
Intercultural Education & Training Methods	2 credits	p 20

School of Engineering:

Chemical Process Seminar	1 credit	p 21
Introduction to Applied Physics, Materials & Energy Engineering	2 credits	p 21
Introduction to Chemical & Biological Industries	2 credits	p 22
Introduction to Production Engineering	2 credits	p 23

Graduate School of International Development (GSID):

Introduction to International Development	2 credits	p 23
Introduction to Economics (3 rd -year undergraduates and above)	2 credits	p 24

School of Law

Consult the course instructors prior to registering for the following classes.

Comparative Studies in Business Law II: Corporate Law II	2 credits	p 24
Comparative Studies in Civil Law I	2 credits	p 24
Comparative Studies in Constitutional Law: Outline of the Modern Constitution	2 credits	p 25
Comparative Studies in Jurisprudence: The Modern Legal System & Its Personnel	2 credits	p 25
Comparative Studies in Politics I: Models of Democratisation & Transition to Democracy	2 credits	p 25
Professional Studies in International Economic Law I: Studies in WTO Law	2 credits	p 25
Special Lecture and Seminar: International Negotiation	2 credits	p 26
Studies in Environmental Policy: International Environmental Co-operation	4 credits	p 26

School of Letters:

An Overall Architecture of English I	2 credits	p 26
Iconicity in Language & Literature	2 credits	p 27
Semantics and Semiotics	2 credits	

School of Science:

Homotopy Theory	2 credits	p 27
Theory of Elliptic Functions	2 credits	p 28

Other Courses

Students participating in NUPACE are eligible to register for any course offered to degree-seeking students at Nagoya University. Prior to registration, however, NUPACE students are requested to consult their academic advisors (p 31) and confirm with the instructor(s) of the course(s) in question that they meet the academic/language requirements of the class.

In their second semester of study at Nagoya University, NUPACE students may also opt to take advantage of our 'Guided Independent Study (GIS)' system. After consulting and obtaining permission from their academic advisors, students may, with the co-operation of an academic supervisor, pursue independent research in their major field of study. This research work will be evaluated and credits awarded accordingly.

3. Grading System

With the exception of 'Special Research Students', NUPACE students are required to register for a minimum of 12 credit hours per semester. Those students who fail to obtain the required number of credits shall not be presented with a 'Certificate of Completion' once they have concluded their term of exchange.

All NUPACE students will receive an academic transcript, which will be sent directly to their home institutions. The transcript will contain the names of courses studied, class contact hours, number of credits awarded, letter grades and scores out of one hundred. Grades for achievement are given according to the following code:

A	= 80~100%
B	= 70~79%
C	= 60~69%
F	= Fail (59.9% or less. No credits awarded)
Au	= Audit

Students who select 'grade' status are required to have a course attendance rate of 80% or higher. In the absence of extenuating circumstances, students failing to meet this attendance requirement will earn a 'fail'.

NUPACE students may elect to take courses on an audit basis. These courses are not included when calculating the required credit load, but they are recorded on the student's registration form and academic transcript. An auditing student is expected to attend classes regularly and to prepare for the lectures/activities. He/she is not required to take examinations nor submit assigned papers. Students who attend less than 80% of any course that they are auditing will not have that course recorded on their academic transcripts.

Students who wish to change the grading status of their courses from 'grade' to 'audit' should notify the NUPACE Office by **Friday, May 27th, 2005**

4. Class Schedule I: Japanese Language & 入門講義 (Introductory Courses) <J>*

The Japanese Language Programme (UWJLP) and Introductory Courses Taught in Japanese (入門講義)<J> commence on Thursday, April 14, 2005. All room numbers refer to classrooms in the Education Center for International Students (ECIS).

	Mon	Tue	Wed	Thu	Fri
I 08:45-10:15	SJ102b (201) SJ201a (207W) SJ202a (207E) SJ301a (303) IJ111a (202) IJ112a (203) IJ211 (304) IJ212 (305)	SJ101a (303) SJ200 (207E) SJ201a (207W) SJ300 (201) IJ111a (202) IJ112a (203) IJ211 (304) IJ212 (305)	SJ101a (201) SJ201a (207E) SJ202a (207W) SJ301b (303) IJ111a (202) IJ112a (203) IJ211 (304) IJ212 (305)	SJ102a (201) SJ202a (207E) SJ301a (303) SJ302a (207W) IJ111a (202) IJ112a (203) IJ211 (304) IJ212 (305)	SJ102b (201) SJ200 (207W) SJ201a (207E) SJ300 (303) IJ111a (202) IJ112a (203) IJ211 (304) IJ212 (305)
II 10:30-12:00	SJ101a (201) SJ102a (207E) SJ200 (207W) IJ111a (202) IJ112a (203) IJ211 (304) IJ212 (305)	SJ102a (303) SJ202a (201) SJ301a (207E) SJ302a (207W) IJ111a (202) IJ112a (203) IJ211 (304) IJ212 (305)	SJ102a (303) SJ200 (201) SJ301a (207E) SJ302a (207W) IJ111a (202) IJ112a (203) IJ211 (304) IJ212 (305)	SJ101a (201) SJ102b (303) SJ201a (207E) SJ302b (207W) IJ111a (202) IJ112a (203) IJ211 (304) IJ212 (305)	SJ101a (303) SJ102a (201) SJ201b (207E) SJ302a (207W) IJ111a (202) IJ112a (203) IJ211 (304) IJ212 (305)
III 13:00-14:30	SJ101b (304) SJ201b (201) SJ300 (303) SJ301b (305) IJ111b (202) IJ112b (203)	SJ101b (303) SJ201b (305) SJ202b (201) SJ302b (304) IJ111b (202) IJ112b (203)	SJ101b (304) SJ201b (201) SJ202b (207E) SJ302b (207W) IJ111b (202) IJ112b (203)	SJ101b (201) SJ200 (207E) IJ111b (202) IJ112b (203)	SJ101b (304) SJ202b (201) SJ301b (305) IJ111b (202) IJ112b (203)
IV 14:45-16:15	SJ202b (303) SJ302a (302) IJ111b (202) IJ112b (203) 漢字<Kanji>300 (201) 国際関係論 II (301)	SJ102b (301) SJ301b (201) IJ111b (202) IJ112b (203)	SJ102b (201) SJ300 (207E) IJ111b (202) IJ112b (203)	SJ201b (303) SJ202b (207E) SJ301b (305) IJ111b (202) IJ112b (203) 漢字<Kanji>100 (201) 漢字 1000 (207W) 日本文化論 II (301)	SJ302b (201) IJ111b (202) IJ112b (203) 言語学入門 II (301)
V 16:30-18:00	SJ302b (207E) 日本語学・日本語教育学 II (301)				

*<J> Courses taught in Japanese and which require at least level 2 of the Japanese Language Proficiency Test (JLPT) or equivalent.

**5. Class Schedule II: Japan Area & Intercultural Studies and Courses
in the Student's Major**

Unless indicated otherwise, the following courses commence on Thursday, April 7, 2005. Please refer to the course descriptions in this pamphlet for details on course content and eligibility.

X	Mon	Tue	Wed	Thu	Fri
I 08:45-10:15	Theory of Elliptic Functions (<i>Science Bldg. 1</i> <Maths>, Rm. 409)		Introduction to Economics (<i>GSID, 6 Fl., Lect. Rm. 3</i>)	Comparative Studies in Business Law II <Corporate Law II> (<i>Law, Rm. 905</i>)	
II 10:30-12:00	American & Japanese Cross-cultural Communication (<i>Education, Lect. Rm. 3</i>) Iconicity in Lang. & Literature I (<i>IRB Humanities & Soc. Sc., Rm. 305</i>)	Comparative Studies in Politics I <Models of Democratisation & Transition to Democracy> (<i>IRB Humanities & Soc. Sc., Rm. 407</i>)		Comparative Studies in Civil Law I (<i>Law School <prefab.> Rm. 205</i>) Homotopy Theory (<i>Science Bldg. 1</i> <Maths>, Rm. 409)	Comparative Studies in Jurisprudence <Modern Legal System and its Personnel> (<i>Law Sem. Rms. <prefab.>, Rm. 22</i>)
III 13:00-14:30	Education in Japan (<i>ECIS, Rm. 207</i>)	Modern Japan & Its Post-WWII International Relations (<i>ECIS, Rm. 207</i>) Special Lecture & Seminar <Int'l Negotiation> (<i>Law, Rm. 904</i>)	Introduction to Chemical & Biological Industries (<i>Eng. Bldg. 1, Rm. 143</i>) Introduction to Int'l Development (<i>GSID, 8F., Auditorium</i>)		Japan as an International Society: A Socio-legal Perspective (<i>ECIS, Rm. 207</i>) Intercultural Education & Training Methods (<i>Education, Sem. Rm. E</i>)
IV 14:45-16:15	Introduction to Japanese Politics (<i>ECIS, Rm. 207</i>) Prof. Studies in Int'l Economic Law I <WTO Law> (<i>GSID, Lect. Rm. 1</i>) Overall Architecture of English I (<i>IRB Humanities & Soc. Sc., Rms. 308-309</i>)	Introduction to Applied Physics, Materials & Energy Engineering (<i>Eng. Bldg. 7, Sem. Rm. 2</i>)	Introduction to Production Engineering (<i>Eng. Bldg. 2, Rm. 222</i>)	Communication & Human Relations in Cross-cultural Contexts (<i>ECIS, Rm. 206</i>) Comparative Studies in Constitutional Law <Outline of the Modern Constitution> (<i>Law Sem. Rms. <prefab.>, Rm. 23</i>) Studies in Environmental Law and Policy <Int'l Environmental Co-operation> (<i>GSID, Sem. Rm. 5</i>)	Contemporary Japanese Society (<i>ECIS, Rm. 207</i>) Chemical Process Seminar (<i>Refer to course details</i>)
V 16:30-18:00		Developmental Economics (<i>ECIS, Rm. 207</i>)			Chemical Process Seminar (<i>Refer to course details</i>)

NB. Information on the schedule and classroom for the intensive course, 'Is Highland Agriculture Sustainable? A Case Study of Highland Vegetable Cultivation in Southeast Asia' (School of Agricultural Sciences) will be distributed nearer to the time of the lecture.

University-wide Japanese Language Programme

Co-ordinator: OZAKI Akito

Place: Education Center for International Students. (Refer to class schedule for rooms.)

Nagoya University offers two comprehensive Japanese language programmes to all international students, researchers and faculty members affiliated to this University: 1) *Standard Course in Japanese* and, 2) *Intensive Course in Japanese*. In the *Standard Course*, classes are divided into eight levels ranging from Elementary Japanese I to Advanced Japanese II, and students attend one class a day, five days a week. The *Intensive Course* has four levels from Elementary Japanese I to Intermediate Japanese II with students attending two classes a day, five days a week. Please note that all students will be required to sit a placement test and/or undergo an interview to determine their Japanese language level.

In addition to the above, NUPACE students are also welcome to participate in Nagoya University's 'Kanji à la carte' classes and the 'Summer Intensive University-wide Japanese Language Programme' to further hone their Japanese language skills

1. Standard Course in Japanese

1. Elementary Japanese I (SJ101)

This course is designed for students who have little or no knowledge of Japanese. It aims to develop the students' working knowledge of Japanese to the level where they can function effectively in everyday life. Emphasis is placed on improving oral skills, although students will also be required to master the fundamentals of elementary grammar and a limited number of *kanji* (Chinese characters). The written content of the course (150 *kanji*, vocabulary of 800 words) is approximately equivalent to level four of the Japanese Language Proficiency Test.

Textbook:

A Course in Modern Japanese (Revised Edition) Vol. 1, compiled and edited by the Japanese Language Education Research Group, Nagoya University (2002)

2. Elementary Japanese II (SJ102)

This course is designed for those students who have had approximately 150 hours of Japanese instruction at university level or who have completed *Elementary Japanese I* at Nagoya University. The main objective is to enable students to master the fundamentals of pre-intermediate grammar patterns and to acquire a working knowledge of Japanese to help them function smoothly in Japanese society. Upon completion of the course students should have mastered a total of 300 *kanji* and possess a vocabulary of 1,800 words (approximately equivalent to level three of the Japanese Language Proficiency Test).

Textbook:

A Course in Modern Japanese (Revised Edition) Vol. 2, compiled and edited by the Japanese Language Education Research Group, Nagoya University (2002)

3. Pre-intermediate Japanese (SJ200)

This course is designed for those students who have had approximately 300 hours of Japanese instruction at university level or who have completed *Elementary Japanese II* at Nagoya University. The main objective is to enable students to consolidate their knowledge of basic Japanese grammar, vocabulary and *kanji*, so that they are better prepared to proceed to intermediate Japanese. Emphasis is placed on applying knowledge of Japanese in the four skill areas. Students should have mastered a total of 400 *kanji* and 2,600 words by the end of the course.

Textbook:

Materials compiled and edited by ECIS, Nagoya University

4. Intermediate Japanese I (SJ201)

Courses in Japanese & Other Languages

This course is designed for those students who have had approximately 400 hours of Japanese instruction at university level or who have completed *Pre-intermediate Japanese* at Nagoya University. The course aims to enable students to master grammatical patterns and expressions found at the beginning to mid-intermediate level and to develop proficiency in the four skill areas. Upon completion of the course, students should have mastered a total of 550 *kanji* and possess a vocabulary of 3,800 words.

Textbooks:

A Course in Modern Japanese Vol. 3 「現代日本語コース中級Ⅰ」 compiled and edited by the Japanese Language Education Research Group, Nagoya University (1993)

「現代日本語コース中級Ⅰ 聴解ワークシート 予習・授業シート」 compiled and edited by the Japanese Language Education Research Group, Nagoya University (1993)

5. Intermediate Japanese II (SJ202)

Designed for students who have received approximately 500 hours of Japanese instruction at university level, or who have completed *Intermediate Japanese I* at Nagoya University. Although emphasis is placed on developing a high command of oral skills for the purpose of communication in academic and non-academic situations in Japan, students are also required to improve their competency in listening, reading and writing. Upon completion of the course, students should have mastered a total of 700 *kanji* and have acquired a vocabulary of approximately 5,000 words.

Textbooks:

A Course in Modern Japanese Vol. 4 「現代日本語コース中級Ⅱ」 compiled and edited by the Japanese Language Education Research Group, Nagoya University (1993)

「現代日本語コース中級Ⅱ 聴解ワークシート 予習・授業シート」 compiled and edited by the Japanese Language Education Research Group, Nagoya University (1993)

6. Pre-advanced Japanese (SJ300)

This course is designed for those students who have had approximately 600 hours of Japanese instruction at university level or who have completed *Intermediate Japanese II* at Nagoya University. The course aims to enable students to increase their vocabulary to approximately 6,000 words and 900 *kanji*, and to improve the four language skills to the equivalent of level two of the Japanese Language Proficiency Test.

Textbook:

Materials compiled and edited by ECIS, Nagoya University.

7. Advanced Japanese I (SJ301)

Designed for students who have received approximately 750 hours of Japanese instruction at university level or who have completed *Pre-advanced Japanese* at Nagoya University. Students are required to increase their vocabulary to 7,500 words and 1,100 *kanji*. Upon completion of the course, students should be able to join general education classes for Japanese students with minimum assistance from a Japanese tutor.

Textbook:

First-hand materials.

8. Advanced Japanese II (SJ302)

Designed for students who have received approximately 850 hours of Japanese instruction at university level, or who have completed *Advanced Japanese I* at Nagoya University. Students are required to increase their vocabulary to 9,000 words and 1,300 *kanji*. Upon completion of the course, students should be able to write academic reports and to give oral presentations in Japanese. Students should be able to pass level one of the Japanese Language Proficiency Test.

Textbook:

First-hand materials.

2. Intensive Course in Japanese

Courses in Japanese & Other Languages

1. Intensive Elementary Japanese I (IJ111)

This course is designed for students who have little or no knowledge of Japanese. The main objective is to enable students to master the fundamentals of Japanese grammar patterns and to acquire a working knowledge of Japanese to help them function smoothly in Japanese society. Upon completion of the course students should have mastered a total of 300 *kanji* and possess a vocabulary of 1,800 words (approximately equivalent to level three of the Japanese Language Proficiency Test). Students who have completed the course will proceed to *Intensive Intermediate Japanese I (IJ201)*.

Textbook:

A Course in Modern Japanese (Revised Edition) Vols. 1&2, compiled and edited by the Japanese Language Education Research Group, Nagoya University (2002)

2. Intensive Elementary Japanese II (IJ112)

This course is designed for those students who have had approximately 150 hours of Japanese instruction at university level or who have completed *Elementary Japanese I (SJ101)* at Nagoya University. The main objective is to enable students to consolidate their knowledge of basic Japanese grammar, vocabulary and *kanji*, so that they are better prepared to proceed to intermediate Japanese. Emphasis is placed on using knowledge of Japanese in the four skill areas. Students will study a total of 400 *kanji* and 2,600 words. Students who have completed the course will proceed to *Intensive Intermediate Japanese II (IJ202)*

Textbook:

A Course in Modern Japanese (Revised Edition) Vol. 2, compiled and edited by the Japanese Language Education Research Group, Nagoya University (2002) and materials compiled and edited by ECIS, Nagoya University.

3. Intensive Intermediate Japanese I (IJ211)

This course is designed for those students who have had approximately 300 hours of Japanese instruction at university level or who have completed *Elementary Japanese II (SJ102)* or *Intensive Elementary Japanese I (IJ101)* at Nagoya University. The main objective is to enable students to consolidate their knowledge of basic Japanese grammar, vocabulary and *kanji*, and to master grammatical patterns and expressions found at the beginning to mid-intermediate level. Students will acquire a total of 550 *kanji* and 3,800 words. Those who have completed the course will proceed to *Intermediate Japanese II (SJ202)*.

Textbooks:

A Course in Modern Japanese Vol. 3 「現代日本語コース中級Ⅰ」 compiled and edited by the Japanese Language Education Research Group, Nagoya University (1993)
「現代日本語コース中級Ⅰ 聴解ワークシート 予習・授業シート」 compiled and edited by the Japanese Language Education Research Group, Nagoya University (1993) and materials compiled and edited by ECIS, Nagoya University.

4. Intensive Intermediate Japanese II (IJ212)

This course is designed for those students who have had approximately 400 hours of Japanese instruction at university level or who have completed *Pre-intermediate Japanese (SJ200)* or *Intensive Elementary Japanese II (IJ102)* at Nagoya University. Although emphasis is placed on developing a high command of oral skills for the purpose of communication in academic and non-academic situations in Japan, students are also required to improve their competency in listening, reading and writing. Upon completion of the course, students should have mastered a total of 700 *kanji* and have acquired a vocabulary of approximately 5,000 words. Students who have completed the course will proceed to *Pre-advanced Japanese (SJ300)*.

Textbooks:

A Course in Modern Japanese Vol. 3 「現代日本語コース中級Ⅰ」 compiled and edited by the Japanese Language Education Research Group, Nagoya University (1993)
「現代日本語コース中級Ⅰ 聴解ワークシート 予習・授業シート」 compiled and edited by the Japanese Language Education Research Group, Nagoya University (1993)

Courses in Japanese & Other Languages

A Course in Modern Japanese Vol. 4 「現代日本語コース中級 II」 compiled and edited by the Japanese Language Education Research Group, Nagoya University (1993)

「現代日本語コース中級 II 聴解ワークシート 予習・授業シート」 compiled and edited by the Japanese Language Education Research Group, Nagoya University (1993)

3. Kanji à la carte

These classes have been divided into three levels ranging from elementary to intermediate which, using Web-based resources, aim to encourage the independent study of Kanji. Students attend one class (90 minutes) per week.

1. 漢字 <Kanji> 100

Aimed at students who wish to start learning basic *kanji*, this class concentrates on the 100 *kanji* covered at level 4 of the Japanese Language Proficiency Test.

Textbook:

『漢字マスター Vol. 1 4級漢字 100』

2. 漢字 <Kanji> 300

Aimed at students who have already mastered the 100 basic *kanji*, this class concentrates on the 300 *kanji* covered at level 3 of the Japanese Language Proficiency Test.

Textbook:

『漢字マスター Vol. 2 3級漢字 300』

3. 漢字 <Kanji> 1000

Aimed at students who have already mastered 300 *kanji*, this class concentrates on the 1000 *kanji* covered at level 2 of the Japanese Language Proficiency Test.

Textbook:

『漢字マスター Vol. 3 2級漢字 1000』

4. Summer Intensive Japanese Language Programme

Course Schedule: Mon, 25 Jul ~ Tue, 9 Aug 2005

Registration: Mon, 11 Jul ~ Wed, 20 Jul 2005

Where to register: http://topaz.ecis.nagoya-u.ac.jp/~uwjp/zengaku_toroku.html

Notes:

1. Students will not be admitted to the programme if they (1) fail to register during the registration period or, (2) fail to take the placement test, where applicable.
2. Students are required to purchase textbook from the Nanbu Co-op before classes commence.

Timetable & Classrooms:

The timetable and classroom numbers will be displayed on the Education Center's notice board.

Enquiries:

International Affairs Division, Education Center for International Students

Tel: Ext. 2198/5951

E-mail: uwjp-reg@ecis.nagoya-u.ac.jp

Graduate School of Languages & Cultures

The Graduate School of Languages and Cultures offers a variety of language courses (Chinese, Dutch

Courses in Japanese & Other Languages

<spring only>, English, French, German, Classical Greek, Italian, Korean, Latin, Portuguese, Russian, Spanish), which are, for the most part, open to NUPACE students.

Course Registration – English

Pick up a yellow course registration form at the entrance of the Graduate School of Languages & Cultures. After filling it in, and writing NUPACE in capital letters on it, submit the relevant section of form to the Office of the School(1st Fl.) during the following period. Be sure to keep the remaining portion of the form to take to your first class:

Registration Period:

Thu, Mar 31~ Fri, Apr 1 at 09:30~12:00 and 13:00~17:00

Class Placement:

To be displayed on the notice-board of the Graduate School of Languages and Cultures (entrance, left-hand side) at 08:30 on Wed, Apr 6.

Course Registration – Other Languages

Pick up a blue course registration form at the entrance of the Graduate School of Languages & Cultures between Thu, Apr 14~Wed, Apr 20. After filling the form in, and writing NUPACE in capital letters on it, submit one part of the divisible form to the relevant course instructor in the first week of classes. If you are deemed eligible to participate in the course, submit another section of the registration form, labelled 'For Office Use', to the Office of the School (1st Fl.) by 17:00 on Thu, Apr 21.

NB. All classes in languages other than English commence in the second week of the semester (i.e., from Thu, Apr 14). Please come to the NUPACE Office for detailed information.

入門講義 <J> (Introductory Courses taught in Japanese)

NB. The following courses are taught in Japanese and require at least level 2 of the Japanese Language Proficiency Test (JLPT) or equivalent.

1. 国際関係論 (Global Society II)

Co-ordinator: AKIYAMA Yutaka

Class: Mondays, 14:45~16:15

Place: Education Center for International Students (ECIS), Rm. 301

グローバリゼーションは開かれた社会・経済を推進し、商品、思想、知識は縦横無尽に世界を駆け抜ける。さらに、ネットワーク社会の出現は人権やアイデンティティ意識の高揚をもたらしている。しかしながら、グローバリゼーションの行く末を案ずる声も大きくなってきている。その恩恵を手にする者は極端に少なく、その半面、リスクは等しく高い。内在する脆弱性は貧困層のみならず、富裕層をも脅かす。途方もない金持ちが現れる一方、貧困、排除、不平等といった問題は依然と未解決のままである。腐敗は蔓延し、開放経済の将来も懸念される。今、私たちは重大な危機状況にあると言えよう。

グローバリゼーションをめぐる賛否両論を紹介するなかで、「地球社会」の在るべき姿を受講生とともに考えていきたい。

Reference Materials:

資料配布

Evaluation:

出席率・積極性・レポート

2. 日本文化論 (Introduction to Japanese Society & Culture II)

Co-ordinator: UKIBA Masachika
Class: Thursdays, 14:45~16:15
Place: Education Center for International Students (ECIS), Rm. 301

日本人にとって、韓国は「似ている」ようでどこかが「違う」、ちょっと気になる国である。この講義では、日本人が韓国の社会や文化のどこに違和感や共感を抱くのかを吟味し、韓国という<鏡>に映った日本人の自画像を議論していく。韓国を比較の対象とすることで、日本を東アジア文化圏のなかに位置付ける、広い視野を獲得するのがこの授業のねらいである。

Topics to be covered:

1. 日本人の韓国体験記を読む
2. 激しい受験戦争と母の祈り
3. 子どもと向き合う韓国の父親
4. 現代に生きる儒教精神
5. 占いと巫俗信仰
6. 在日コリアンと日本社会

Reference Materials:

ハンドアウト随時配布

Evaluation:

出席と授業態度 40%
レポート 60%

3. 日本語学・日本語教育学 (Introduction to Japanese Linguistics II)

Co-ordinator: LEE Tack Ung
Class: Mondays, 16:30~18:30
Place: Education Center for International Students (ECIS), Rm. 301

本講義では、日本語教育で主に問題となる文法項目を取りあげ、整理・検討することによって、文法の基本的知識を身に付けることを目標とする。毎回、簡単な課題を取りあげ、みんなで考える時間を設ける。そのため、受講者の積極的な参加が要求される。

また、本講義では日本語教育の基礎的知識を身に付けることももう一つの目標としている。日本語教育の現状を概観し、コース・デザイン、教材、4技能の指導法、誤用分析などを紹介する予定である。

Topics to be covered:

- I 日本語学(前半)
1. テンス・アスペクト
 2. モダリティ
 3. 待遇表現
- II 日本語教育学(後半)
1. 4技能(話す、聞く、読む、書く)の指導法について
 2. 誤用分析

Reference Materials:

授業の際に紹介する。

4. 言語学入門 (Introduction to Linguistics II)

Co-ordinator: MOMIYAMA Yosuke
Class: Fridays, 14:45~16:15
Place: Education Center for International Students (ECIS), Rm. 301

言語学の一分野である意味論について学ぶ。意味研究の重要性、言語の意味に対する考え方、意味分析の資料などの基本的な事柄について理解したうえで、特に現代日本語を素材として、類義表現・多義表現などの分析方法を学び、自ら分析できるようになることを目指す。認知意味論の基本的な考え方についても解説する。

Reference Materials:

ハンドアウトを配布する

Evaluation:

1. 出席
2. 授業への貢献度・積極性
3. レポートまたはテスト

Japan Area & Intercultural Studies

1. Communication & Human Relations in Cross-cultural Contexts

Co-ordinator: HORIE Miki
Class: Thursdays, 14:45~16:15
Place: Education Center for International Students, Room 206
Class Capacity: 20 students

This is an experimental course addressing various aspects related to communication and human relations in cross-cultural contexts. Students will form small groups with people of different cultural backgrounds, where they will be expected to practise various communication skills. An anticipated outcome of the course is to enhance students' personal skills in cross-cultural communication and human relations.

This course is also open to domestic students within its limited capacity. Students are expected to complete reading assignments before each class, and to participate actively in discussions. Participants need to have a level of English proficiency equivalent to at least TOEFL530 (PBT)/197 (CBT).

Topics to be covered:

1. Group process
2. Cultural identity and values
3. Verbal/ nonverbal communication
4. Individualism/collectivism and communication styles
5. Assertiveness
6. Development of intercultural sensitivity
7. Active listening- communication skills for understanding

Textbooks:

Handouts and reading materials will be provided for each class.

Evaluation:

Reflection paper on each class 40%
Group presentation 30%
Final paper 30%

2. Contemporary Japanese Society

Co-ordinator: NOMIZU Tsutomu
Class: Fridays, 14:45~16:15
Place: Education Center for International Students, Room 207

This course, taking the form of lectures and discussion classes, aims to introduce students to the main features of contemporary Japanese society. Areas of focus include aspects of Japanese law, economy, education, modernisation and the environment.

Apr 8	General Aspects of Japan	(NOMIZU Tsutomu, ECIS)
Apr 15	The Japanese Constitution & Government Institutions	(Frank BENNETT, Law)
Apr 22	Post-WWII Development of the Japanese Legal System	(Teilee KUONG, CALE)
Apr 29	<i>National Holiday</i>	
May 6	<i>No Class</i>	
May 13	The Toyota Production System	(Natalie KONOMI, ECIS)
May 20	Introduction to the Japanese Economy	(SHINKAI Naoko, GSID)
May 27	Japanese Environmental Policy	(KATO Hisakazu, Law)
Jun 3	Modernisation in Meiji Japan: Field trip to Meiji-mura	(NUPACE Office, ECIS)
Jun 10	The Education Reform Trend in Contemporary Japan	(KITAMURA Yuto, GSID)
Jun 17	To be announced	(WAKUI Takashi, Langs. & Cultures)

Japan Area & Intercultural Studies

Jun 24	To be announced	(Simon WALLIS, Env. Studies)
Jul 1	The Japanese Education System	(FURUYA Reiko, Engineering)
Jul 8	Cross-cultural Exchange in Japan	(TAKAI Jiro, Education)
Jul 15	Atomic Energy Development & Environmental Problems	(NOMIZU Tsutomu, ECIS)

Reference Materials:

Reference and reading materials for each class will be made available to students one week in advance (to be collected at the NUPACE Office). Students should ensure that they read the assigned materials prior to attending class.

Evaluation:

Attendance & Participation:	25%	
Written Reports:	75%	(25% x 3)

Students are required to write three reports. Each report's length should be at least four (4) sides of A4-size paper, exclusive of foot/endnotes and bibliography. The first of the reports should deal with **one** of the topics covered in weeks 2~5 of the course (submission deadline: May 27, 2005); the second with a topic covered in weeks 6~9 (submission deadline: June 24, 2005), and the third report with a topic covered in weeks 10~13 (submission deadline: July 22, 2005). Students should submit their reports to the NUPACE Office.

3. Introduction to Japanese Politics

Co-ordinator:	Robert ASPINALL
Class:	Mondays, 14:45~16:15
Place:	ECIS, Room 207

NB. This course will commence on April 18, 2005

This course introduces students to some of the main issues in contemporary Japanese politics. At the same time, as they are given the background to each selected topic, students will be encouraged to think critically about the issues raised and also the methodology used by political scientists, journalists and others in their efforts to analyse and explain events.

After the first, introductory class students will be allocated topics to research. They will make presentations related to these topics in subsequent classes. Students will also submit a written report at the end of the course. This is not a rigid programme of study, but one that is flexible enough to accommodate both the particular interests of individual students as well as the unpredictability of ongoing political events.

Topics to be covered:

1. Politics in Japan after the Second World War
2. The changing world of Japanese political parties
3. Elections and election campaigns
4. Local issues and environmental politics
5. Japan's security and foreign policies
6. The role of the prime minister
7. Political ideologies and culture
8. Japanese politics in comparative perspective
9. The debate about reforming the constitution
10. The debate about education reform
11. The role of the bureaucracy

Reference Materials:

Japan Area & Intercultural Studies

Some basic references will be distributed in class. When preparing for papers and presentations students will be expected to use a variety of sources, including newspapers, periodicals, etc.

Evaluation:

Presentation: 40%
Written Reports: 60%

4. Modern Japan & Its Post-WWII International Relations

Co-ordinator: AKASHI Yoji
Class: Tuesdays, 13:00~14:30
Place: ECIS, Room 207

The course surveys the history of Japan's emergence as a major power in the 20th century. A major part of the course is devoted to the study of Japan's post WWII international relations, focusing on five countries:

Topics to be covered:

- Apr 12 Japan's Modernisation in the Meiji Period (1868~1912)
Reading: W.G. Beasley, *The Rise of Modern Japan*. Chapters 4~9.
- Apr 20 The Taisho Democracy & Its Setback (1912~1926)
Reading: Beasley. Chapters 8, 10~11.
- Apr 26~May 10 Imperial Japan in the 1930s and 1940s (Early Showa Period)
Reading: Beasley. Chapters 10~13
- May 3 *National Holiday*
- May 17~31 Japan-U.S. Relations
1. U.S. Occupation of Japan and Democratisation
2. Japan-U.S. Security Relations
3. Japan-U.S. Economic Relations
Readings: Beasley. Chapters 15~16.
Stephen Cohen, *An Ocean Apart: Examining Three Decades of U.S.-Japan Trade Conflict*
Ronald McKinnon and Kenichi Ohno, *Dollar and Yen: Resolving Economic Conflict between the U.S. and Japan*.
Akira Iriye and Robert Wampler (Eds.), *Partnership: the U.S. and Japan, 1952~2001*.
- Jun 7~21 Japan-China Relations
1. Ambivalent Relations. 1949~1972
2. Relations after the Restoration of Normalisation. 1970s and 1980s
3. Partner or Rival?
Readings: Ezra Vogel (Ed.), *The Golden Age of the U.S.-China-Japan Triangle, 1972~1989*.
Qingmix Wang, *Hegemonic Co-operation and Conflict: Post-war Japan's China Policy and the U.S.*
- Jun 28~Jul 5 Japan-Southeast Asia Relations
1. Legacy of Japan's Occupation of Southeast Asia
2. Japan-Southeast Asian Economic Relations
Readings: Goto Kenichi, *Tensions of Empire in Southeast Asia in the Colonial and Post-Colonial World*.
Roger Buckley, *The U.S. in Asia and the Pacific since 1945*.
- Jul 12 Japan-Soviet Union/Russia Relations
Reading: Vladimir I. Ivanov, *Japan and Russia in Northeast Asia*.
- Jul 19 Japan and the Two Koreas
Readings: Michael Mazarr, *North Korea and the Bomb*.

Japan Area & Intercultural Studies

Tae Hwan Kwak and Edward Olsen, *The Major Powers of Northeast Asia: Peace and Security*.

Evaluation:

Attendance & Participation: 20%

Book Review (Due by June 7): 30%

Research Report: 50%

Education Center for International Students (ECIS)

1. Advanced Studies in Japanese Language & Culture II

Only those students who completed *Advanced Studies in Japanese Language and Culture I* are eligible for this course.

2. Japan as an International Society: A Socio-legal Perspective

Co-ordinator: Claudia ISHIKAWA (k46189a@cc.nagoya-u.ac.jp)

Class: Fridays, 13:00~14:30

Place: ECIS, Room 207

NB. This course will commence on April 15, 2005.

This course aims to analyse the legal and social status of foreigners in Japan, focusing in particular on the immigration law framework, the rights and protections afforded to aliens under domestic laws, and prospective legal developments vis-à-vis their admission. The principal setting will be Japan, although students are invited to draw comparisons with the situation in their home countries, and to examine the protection afforded to foreigners under international law. If time permits, an introduction to indigenous minorities in Japan, such as the Ainu, and sociological minorities, such as the *Burakumin* will also be considered.

Topics to be covered:

- Apr 15 Japan: Citizenship and Immigration Basics
- Apr 22 Japan's Immigration Framework: The 1990 Immigration Control & Refugee Recognition Act (ICRRA)
- Apr 29 *National Holiday*
- May 6 *No Class*
- May 13 Composition of Foreigners in Japan: Oldcomers versus Newcomers
- May 20 Legal Workers: Skilled and increasingly 'Unskilled'
- May 27 Undocumented (Illegal) Workers
- Jun 3 *No Class (Nagoya University Festival)*
- Jun 10 Video: 'Overstay'
- Jun 17 Foreigners' Civil and Political Rights under Domestic Law
- Jun 24 Foreigners' Social and Economic Rights under Domestic Law
- Jul 1 Foreigners and Crime in Japan
- Jul 8 The Japanese Perception of Foreigners
- Jul 15 An Assessment of Immigration Policy Developments since 1990. Where to next?

Notes:

1. **Participation:** Students are expected to prepare for each class, and to participate actively. This applies equally to auditing students.
2. **Class Proceedings:** The course will take the form of a seminar, whereby students are expected to take it in turn to both give presentations and chair the class.
3. **Presentation:** Students will be asked to give presentations (approximately 30 minutes) on a subject relevant to the topic covered in the week in which the presentation is scheduled. Students should prepare visual aids or handouts when giving their talks.
4. **Essay:** Students are required to write one essay, the length of which should be 2,500~3,500 words, exclusive of bibliography and footnotes. Essay titles should be discussed with the class co-ordinator in advance. The submission deadline is 17:00 on Tue, July 19, 2005. Students are advised that essays submitted after the deadline will not be accepted.

Reference Materials:

The following materials, listed alphabetically by author, are available in my Office (ECIS, 102)

Courses in the Student's Major

- Betsy Brody (2002). *Opening the Door: Immigration, Ethnicity and Globalisation in Japan*. Routledge.
- Wayne A. Cornelius et al (Eds.) (1994). *Controlling Immigration: A Global Perspective*. Stanford University Press.
- Mike Douglass and Glenda S. Roberts (Eds.) (2000). *Japan and Global Migration: Foreign workers and the advent of a multicultural society*. Routledge.
- Roger Goodman et al (Eds.) (2003). *Global Japan: The experience of Japan's new immigrant and overseas communities*. RoutledgeCurzon
- Wolfgang Herbert (1996) *Foreign Workers and Law Enforcement in Japan*. Kegan Paul International.
- Seigo Hirowatari. Foreign Workers and Immigration Policy in Banno, Junji (Ed.) (1998), *The Political Economy of Japanese Society, Volume 2*. Oxford University Press.
- Yuji Iwasawa (1998) *International Law, Human Rights and Japanese Law: The impact of International Law on Japanese Law*. Oxford University Press.
- Japan Business Federation (Nippon Keidanren) (2003). *Interim Recommendations on Accepting Non-Japanese Workers*.
- Hiroshi Komai (2001). *Foreign Migrants in Contemporary Japan*. Trans Pacific Press.
- Hiromi Mori (1997). *Immigration Policy and Foreign Workers in Japan*. Macmillan Press Ltd.
- Demetrios G. Papademetriou and Kimberly A. Hamilton (2000). *Reinventing Japan: Immigration's Role in shaping Japan's Future*. Carnegie Endowment for International Peace.
- Yoko Sellek (2001). *Migrant Labour in Japan*. Palgrave.
- Haruo Shimada (1994). *Japan's Guest Workers: Issues and Public Policies*. University of Tokyo Press.

Statistical Information:

- Japan Immigration Association (annual publication). *Statistics on Immigration Control*.
- OECD (annual publication). *Trends in International Migration*. SOPEMI
- Ministry of Justice Website: <http://www.moj.go.jp/ENGLISH/index.html>

Evaluation:

Participation:	20%
Presentation:	30%
Essay:	50%

School of Agricultural Sciences

Is Highland Agriculture Sustainable? A Case Study of Highland Vegetable Cultivation in Southeast Asia

Lecturer:	MIYAURA Rie (Tokyo University of Agriculture)
Class:	To be announced (Intensive Course)
Place:	To be announced

Topics to be covered:

To be announced.

School of Economics

Developmental Economics

Co-ordinator:	YAMAMOTO Kazumi
Class:	Tuesdays, 16:30~18:00
Place:	ECIS, Room 207

This course focuses on the economic development of developing countries. Why have some countries

Courses in the Student's Major

been successful in developing their economies whilst other countries remain stagnant? We will attempt to draw some lessons based on the cases of successful Asian countries.

Topics to be covered:

1. Review of the World Economy
2. Economics: Concepts & Principles
3. Economics of the Developing World
4. Characteristics of Developing Economies
5. Theories of Development
6. Historic Growth and Contemporary Development
7. Asian Economic Development

Reference Materials:

Michael P. Todaro (2003). *Economic Development, 8th edition*. Addison-Wesley.
World Bank (published annually). *World Development Report*.
Asian Development Bank (published annually). *Asian Development Outlook*.

Evaluation:

Evaluation is by means of simple tests given on a weekly basis.

Course Requirements:

In addition to familiarity with basic micro- and macro-economics, some knowledge of the international economy as well as an interest in developing countries is desirable.

School of Education

1. American & Japanese Cross-cultural Communication

Co-ordinator: David POMATTI
Class: Mondays, 10:30~12:00
Place: School of Education, Lecture Room 3

This course aims to foster student awareness of the cultural patterns and expectations necessary to understand American/Japanese intercultural communication. Although the examples feature mainly North American and Japanese styles, the principles are useful for comparing Japanese patterns with any foreign patterns. In addition to giving keys for better present-day understanding, the course will examine historical and current difficulties due to mutual stereotyping as well as the influence of these differing cultural patterns on the two countries' educational practices.

Linguistic knowledge alone is not enough to ensure effective intercultural communication. This course will cover the additional cultural norms and rules guiding the communication of Japanese and North Americans, and some of the reasons for these. The attitudes and stereotypes they hold often lead them to misinterpret each other's messages. We will examine the question of whether there are indeed cultural or national characters and psychologies. Although this has been part of human thinking for centuries, recently it has been attacked as racist. Nevertheless, the movements toward Internationalization in Japan and Multiculturalism in the U.S. have paradoxically led to renewed emphasis on, and respect for, ethnic distinctiveness. Presenting anecdotal accounts and social science findings, the course encourages students to find their own examples and examine their own cultural assumptions. It will also include video excerpts relating to stereotyping and to the educational systems.

Reference Materials:

Courses in the Student's Major

A packet of readings will be provided in class. This includes the easy text *Polite Fictions: Why Japanese and Americans Seem Rude to Each Other* (Nancy Sakamoto and Reiko Naostuka, Tokyo: Kinseido, 1982) as well as various short book excerpts and journal articles.

Evaluation:

Participation in class discussions, and a personal investigation or reaction paper.

2. Education in Japan

Co-ordinator: Robert ASPINALL
Class: Mondays, 13:00~14:30
Place: ECIS, Room 207

NB. This course will commence on April 18, 2005.

This course aims to introduce international students to the contemporary education system in Japan. Students will be encouraged to compare education in Japan with education in their home country.

Topics to be covered:

1. The historical development of the modern Japanese education system
2. Education reform in contemporary Japan
3. Different types of school from kindergarten to university
4. School problems like bullying and truancy
5. How different subjects are taught
6. The debate over children's rights and education
7. The debate over internationalization and education
8. Education and social stratification
9. Education as a political issue
10. Education in Japan compared to other countries

Reference Materials:

Materials will be distributed during each class. A reading list and advice on other references will also be given out during the class.

Evaluation:

One paper and one presentation per student.

3. Intercultural Education & Training Methods

Co-ordinator: TAKAI Jiro (Ext. 2653)
Class: Fridays, 13:00~14:30
Place: Education, Seminar Room E

This course deals with "Intercultural Education and Training Methods." Intercultural training arose from the need to awaken prospective overseas personnel about cultural sensitivity, hence enhancing their effectiveness in transaction with the natives, and their adjustment to their new cultural environment. This course will be conducted in conjunction with the Graduate School of International Development and the Graduate School of Education and Human Development. We will take a brief look at the history of intercultural training, and experientially learn the methods used in actual training programs. Ethical issues, as well as the evaluation of its effects on trainees will be discussed. The course will be conducted entirely in the English language, and you should expect extensive interaction amongst students in this course, as it will be of a workshop nature, incorporating both international and Japanese students.

Reference Materials:

Courses in the Student's Major

To be announced.

Evaluation:

Grading will be contingent upon class participation, and presentations. In particular, students will be required to demonstrate their knowledge of training methods by conducting a mock session.

School of Engineering

1. Chemical Process Seminar

Co-ordinator: KAWAIZUMI Fumio
Class: Fridays, 14:45-18:00
Place: See below

NB. This seminar is principally taught in Japanese, although individual guidance will be given in English. Students who are interested in taking the class should consult Prof. MORI Hidetoshi (Engineering Bldg. 1 <New>, 3rd Fl., Room 328; Tel. ext. 2568) between Apr 6~8.

Topics to be covered:

The main aim of this class is to stimulate students of chemical engineering field through collaborative work with several colleagues. Some themes are open to students, and the first part of the seminar will be spent in group discussion to elude appropriate procedures and techniques to settle given themes. Research and reading of documents as well as calculations may be conducted to design an innovative tool or 'machines' that can achieve the imposed task. After the construction of the 'machines', presentations and/or a competition will be held.

Evaluation:

Regular attendance, report, results of competition, presentation as a group

2. Introduction to Applied Physics, Materials & Energy Engineering

Co-ordinator: SAKAI Akira (Room 159; 789-4621)
Class: Tuesdays, 14:45~16:15
Place: School of Engineering, Building 7, 1st Fl., Seminar Rm. 2

This course discusses the fundamentals of applied physics, materials science & processing engineering, and quantum energy engineering. Topics to be analysed include: magnetism, superconductivity, semiconductors, fundamentals and applications of metals and ceramics, applications of metals (steel structures, car bodies, etc.), introduction to nuclear fusion and quantum energy utilisation.

Topics to be covered:

Apr 12	Introduction to magnetism	(KUSAKABE Koichi)
Apr 19	Introduction to superconductivity	(SHIBATA Hajime)
Apr 26	Introduction to semiconductors	(WATANABE Heiji)
May 3	<i>National Holiday</i>	
May 10	Introduction to nuclear fusion	(Byron PETERSON)
May 17	Introduction to nuclear fusion	(Byron PETERSON)
May 24	Introduction to nuclear fusion	(Byron PETERSON)
May 31	Introduction to nuclear fusion	(Byron PETERSON)
Jun 7	Fundamentals of metals and applications	(Mehari ABRAHAM)
Jun 14	Fundamentals of metals and applications	(Mehari ABRAHAM)
Jun 21	Introduction to laser materials processing	(Rathod MANOJ)
Jun 28	Introduction to laser materials processing	(Rathod MANOJ)
Jul 5	Fundamentals of ceramics and applications	(UKYO Yoshio)

Courses in the Student's Major

Jul 12	Fundamentals of ceramics and applications	(UKYO Yoshio)
Jul 19	Fundamentals of ceramics and applications	(UKYO Yoshio)

Reference Materials:

Shackelford, James F., *Introduction to Materials Science for Engineers*, Prentice Hall, Upper Saddle River, New Jersey, USA

Evaluation:

Evaluation will be based on written reports to be submitted at each lecture.

3. Introduction to Chemical & Biological Industries

Co-ordinator: UMEMURA Tomonari (umemura@apchem.nagoya-u.ac.jp)
Class: Wednesdays, 13:00 ~ 14:30
Place: School of Engineering, Building 1, Room 143

NB. This course will commence in late May, with 'Group A' topics being taught as intensive classes. Detailed information will be announced later.

This course introduces the current state and future prospects of R&D and production activities in Japan's chemical and biological industries. The industries' relationship with human society, involvement in environmental and energy issues, and role in the global society will also be discussed.

Topics to be covered:

A. Food Industry and R&D in Functional Foods

(Lekh Raj JUNEJA & SHU Seiji, Taiyo Kagaku Co.)

<Intensive: 1) Thursday, May 26 **OR** Thursday, June 9 at 13:00~18:00; 2) Thursday, June 2 at 13:00~18:00>

1. Development of the Food Industry
2. Example of Functional Food: R&D of Green Tea
3. R&D of Hens' Eggs
4. R&D of Dietary Fibre, Minerals and Vitamins

B. Current Topics in Chemical and Pharmaceutical Industries

(ADACHI Takehito, Dow Chemicals Co. Ltd.(1,2); Umesh KADABA, Toyo Eng. Corp. (3,4))

<May 25, June 1, 8, and 15>

5. Six Sigma: New Movements toward Quality Performance Improvement in Industry
'Six Sigma' is a statistical quality tool, utilised for the improvement of quality performance and customer service. This lecture will cover the Six Sigma concept, the quality improvement process using Six Sigma, and examples of the application of the project.
6. Application of IT in Chemical Industry
- 7 & 8. Project Creation in the Chemical Industry

These lectures will show how to plan projects as means of assistance to the chemical industry in developing countries. Economical evaluation and examples of practice are also included.

C. Analytical Science for Systematic Manufacturing Design

(TSUGOSHI Takahisa, National Institute of Advanced Industrial Science and Technology)

<Dates: June 22, 29, July 6 and 13>

9. Materials Processing
10. Material Characterisation Techniques
11. Analytical Techniques for In-situ Monitoring of Processing
12. The Base of Science and Technology 'Observation and Measurement'

Evaluation:

Active participation and reports.

4. Introduction to Production Engineering

Co-ordinator: YOSHIKAWA Norihiko
Class: Wednesdays, 14:45~16:15
Place: School of Engineering, Building 2, Room 222

Lecturers from leading Japanese industries will offer an insight to the current status of production engineering in Japan. The maximum number of students is limited to fifty, with foreign students having first priority. Regular attendance, as well as the submission of several assignments, is required.

Topics to be covered:

A. Production Engineering of Aerospace Products (I. MAENO, Y. KAWAHARA & T. FURUYA, Sumitomo Precision Products Co., Ltd.)

1. Design of Aircraft Landing Gear
2. Manufacturing Process of Landing Gear
3. Heat Exchangers

B. Production Eng. in the Automobile Industry (Several engineers from Toyota Motor Co. Ltd)

4. Fundamentals of Automobile Production Management
5. Production Planning
6. Production Schedule and Management for New Automobile Models
7. Toyota Production System
8. Productivity Evaluation
9. Site Visit to Automobile Manufacturing Plant

C. DENSO Manufacturing for Automotive Parts (K. HARADA, Denso Corporation)

10. Production Systems for Automotive Parts
11. Concurrent Activities and IT Utilisation for Product Development
12. Activities and Management Systems for Quality Enhancement

Textbook:

Printouts will be distributed.

Evaluation:

Attendance and assignments.

Graduate School of International Development (GSID)

1. Introduction to International Development (国際開発入門)

Co-ordinator: KIMURA Hirotsune/OKADA Aya
Class: Wednesdays, 13:00~14:30
Place: Graduate School of International Development, 8th Fl., Auditorium

NB. This course is open to all NUPACE students, irrespective of student status.

This course introduces students to the inter-disciplinary nature of international development. It presents aspects of international development from various disciplines such as 1) economic development & management, 2) rural and regional development, 3) governance and law, 4) peace-building, 5) social development and culture, and 6) education and human resource development. Lectures are given by instructors from various academic and professional backgrounds. A detailed schedule is announced on the GSID's homepage: <http://www.gsid.nagoya-u.ac.jp/index-en.html>

2. Introduction to Economics (経済学入門)

Co-ordinator: OSADA Hiroshi
Class: Wednesdays, 08:45~10:15
Place: Graduate School of International Development, 6th Fl., Lecture Room 3

NB. This course is open to graduate and 3rd/4th year undergraduate NUPACE students.

This course will teach introductory macroeconomics with special emphasis on its application to developing countries. It begins with the basic concept of national accounts, and continues with income determination (Keynesian multiplier), IS-LM analysis, aggregate demand/aggregate supply analysis, and economic growth models. Students also practise extracting macroeconomic features of developing countries from various economic statistics.

Prerequisites: Participants should have an interest in developing countries.

School of Law

NB. The following graduate-level law and politics courses may be open both graduate and undergraduate students. Consult the course instructors prior to registering for them.

1. Comparative Studies in Business Law II: Corporate Law II

Co-ordinator: UEDA Junko
Class: Thursdays, 08:45~10:15
Place: School of Law, Room 905

This course follows and complements Comparative Studies in Business Law I. The main focus of the classes is upon European Union corporate and economic regulations enacted under the European Community Treaty, with the aim of analysing the mechanisms and processes of market integration and developing judicial harmonisation among member states. In so doing, the corporate and economic regulations of specific member states will be examined with regard to the particular characterisation of their regimes. If time permits, developing corporate statutes (with particular attention being paid to the South-East Asian region) will also be considered against the background of the comparatively high economic growth rates of each country. Each attendee is required to make a short presentation at least once (and if possible, as many times as you wish!) during the course and is to actively take part in discussions.

2. Comparative Studies in Civil Law I

Co-ordinator: KAGAYAMA Shigeru
Class: Thursdays, 10:30~12:00
Place: Law School (Prefabricated Bldg.), Room 205

1. Introduction: Lecture plan
2. Stolen Backhoe Case; Exercise 1
3. Introduction to Civil Law: a) What is Civil Law? Exercises 2 & 3; b) History of the Civil Code of Japan; Comparing Japan's Civil Code with Uniform Law (CISG, Unidroit Principles and PECL)
4. Formation of Contract: Principles; exercises 4 & 5
5. Validity of Contract: Principles; exercises 6 & 7
6. Performance of Contract: a) Principles of contents; b) Principles of performance
7. Non-performance of contract and remedies: Principles; exercises 8 & 9
8. Principles of Unjust Enrichment; exercise 10
9. Final Examination

Courses in the Student's Major

3. Comparative Studies in Constitutional Law: The Modern Constitution

Co-ordinator: MOTO Hidenori
Class: Thursdays, 14:45~16:15
Place: School of Law Seminar Rooms (Prefabricated Bldg.), Room 23

This course is an introduction to the theory of modern constitution followed by a comparative analysis of issues in Japan and selected Asian countries.

- 1 . Historical development of the modern Constitution
- 2 . Basic principles of the modern governmental system and human rights
- 3 . Constitutional issues and the theory of Constitutional law in Japan
- 4 . Constitutional issues and the theory of Constitutional law in selected Asian countries
- 5 . Constitutional theory for better-protected human rights and more democratic politics

4. Comp. Studies in Jurisprudence: Modern Legal System & Personnel

Co-ordinator: MORIGIWA Yasutomo
Class: Fridays, 10:30~12:00
Place: School of Law Seminar Rooms (Prefabricated Bldg.), Room 22

In setting up a legal system, what is the most difficult part? Legislation, funding, or provision of facilities? Each of these stages does have its problems, but the training of personnel probably presents the greatest hurdle. Technical, legal and moral competence is required for those who man and run the legal system. How can legal education provide such qualities to its trainees? Discussions and interviews on this question to follow intensive reading of literature on the subject.

5. Comp. Studies in Politics I: Democratisation & Transition to Democracy

Co-ordinator: KITAZUMI Keiichi
Class: Tuesdays, 10:30~12:00
Place: IRB Humanities & Social Sciences, Room 407

With the collapse of the Cold War System the world is experiencing a great transformation. These days, the process of democratization is an essential issue for many countries. In this course the following subjects will be explored in order to extract lessons from democratization experiences in modern European political history.

- 1 . Models of Democratisation and Transition to Democracy
- 2 . State-building and Nation- Building in France
- 3 . Transition from Centralisation to Federation in Belgium
- 4 . Breakdown of Democracy and Rule of Fascism in Germany
- 5 . Authoritarianism and Democratisation in Spain
- 6 . Transition to Post-war Democratisation in Japan

6. Professional Studies in Int'l Economic Law: Studies in WTO Law

Co-ordinator: KAWASHIMA Fujio
Class: Mondays, 14:45~16:15
Place: Graduate School of International Development (GSID), Lecture Room 1

This course is designed as a general introduction to legal problems regarding international co-operation, particularly in the economic area. It focuses principally on the law of the World Trade Organisation (WTO), covering both its institutional and substantive aspects. It examines specific issues including in Doha Development Agenda (New Round Negotiation). It will pay particular attention to 1) the role of

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the law of the WTO in Global Governance, and 2) its influence on domestic laws, economic and industrial policies of Member countries, and provide participants with basic knowledge required for discussion on the future evolution of the WTO. Depending on interests of participants, it will deal with other topics including specific dispute settlement cases, accession negotiations to the WTO and regional integrations.

7. Special Lecture and Seminar: International Negotiation

Co-ordinator: Frank BENNETT
Class: Tuesdays, 13:00~14:30
Place: School of Law, Room 904

This special subject will cover negotiation and debating skills relevant to international business transactions. The course will be divided into two parts. In a series of practical exercises, members of the class will be divided into teams, and attempt to negotiate on the basis of facts given in the materials for the exercise. In most class sessions, half of class time will be assigned to the negotiation exercise, and half to discussion of the outcome. Enrolment in this course will be limited to 24 students.

The textbook for this course will be Fisher, Ury & Patton, *Getting to Yes* (1991).

8. Studies in Environmental Policy: Int'l Environmental Co-operation

Co-ordinator: KATO Hisakazu
Class: Thursdays, 14:45~16:15
Place: Graduate School of International Development (GSID), Seminar Room 5

Based on the best available scientific knowledge and analyses of the present state, causes, effects and mechanism of global environmental problems, the various objectives, policies and institutions, and ways and means of promoting international environmental cooperation will be examined and discussed. Particular attention will be paid to the role and functioning of international organizations as well as national governments toward this end. In addition, discussions will be held on how to mobilize resources and on how best to forge partnerships among private businesses, NGOs and other members of civil society.

School of Letters

1. An Overall Architecture of English I

Co-ordinator: AMANO Masachiyo
Class: Mondays, 14:45~16:15
Place: IRB Humanities & Social Sciences, Rooms 409~410

In this class we will learn the basics of English phonetics, phonology, morphology, syntax, semantics and pragmatics and try to integrate them into a single picture which shows you the overall architecture of the English language. This picture will also include the historical development of English. A major part of this class is based on the general framework of generative grammar developed by an influential American linguist, Noam Chomsky, who aims to reveal basic structural properties of human languages, including English.

2. Iconicity in Language & Literature I

Co-ordinator: William J. HERLOFSKY
Class: Mondays, 10:30~12:00

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Place: IRB Humanities & Social Sciences, Rm. 305

In this class, which is open to students from both linguistics and literature backgrounds, we will read research papers written from both of these perspectives, and these papers will all have in common their focus on iconicity. In addition, since this class is a skill/content class, it has two main educational objectives. One objective is to offer a content class in which students will be able to study about iconicity, linguistics, literature and other related issues. The second objective is to offer a content class that will also provide students with the opportunity to develop their English-language skills. Students will have the opportunity to read and discuss language/literature-related materials, to listen to others reading and discussing, as well as the opportunity to write about the material read and discussed in class.

School of Science

1. Homotopy Theory

Co-ordinator: Lars HESSELHOLT (lars@math.nagoya-u.ac.jp)
Class: Thursdays, 10:30~12:00
Place: School of Science Building 1 <Mathematics>, Room 409
(NB. Please confirm the room number by contacting the co-ordinator in advance.)

This course introduces homotopy theory. Classically, this is the study of the weak homotopy-type of topological spaces, a notion that goes back to Poincaré. A continuous map of topological spaces is called a *weak equivalence* if it induces an isomorphism of homotopy groups, and the *weak homotopy-type* of a topological space is the isomorphism class of the space in the category obtained by formally introducing an inverse map for every weak equivalence. Hence, it is the structure of this category, the *homotopy category* of spaces, that is the main object of study. The main techniques are centred on two classes of maps called the *fibrations* and the *cofibrations* that were introduced by Serre and J.H.C Whitehead, respectively. The properties of the category of topological spaces together with the three classes of maps given by the weak equivalences, the fibrations and the cofibrations, were formalised by Quillen into the notion of a *model category* for a homotopy theory. This facilitates the use of homotopy theoretical methods in other areas of mathematics, most prominently, the current work by Morel and Voevodsky on the homotopy theory of algebraic varieties.

Topics to be covered:

We begin with the basic notions of a model category and associated model category. As an example, we will consider the unbounded derived category of a ring. The further choice of topics and the pace of the course will depend on the participants. One possible conclusion to the course is the algebraic model of the rational homotopy theory of spaces and the proof of the rational homotopy type of a Kähler manifold is determined by the rational cohomology ring.

Prerequisites: An introductory course in algebraic topology including the fundamental group and covering spaces.

Reference Materials:

Mark Hovey (1999). *Model Categories, Mathematical Surveys and Monographs 63*, American Mathematical Society, Providence, RI. (ISBN 0-8218-1359-5.)

Allan Hatcher (2002). *Algebraic Topology*, Cambridge University Press, Cambridge. May be downloaded for free from the author's homepage at www.math.cornell.edu/hatcher.

Evaluation:

Occasional exercises reviewed by the teacher.

2. Theory of Elliptic Functions

Co-ordinator: NAMIKAWA Yukihiro
Class: Mondays, 08:45~10:15
Place: School of Science Building 1 <Mathematics>, Room 409

This course is one of the English courses of mathematics available to graduate and undergraduate students. We present the theory of elliptic functions as an introduction to that of Riemann surfaces. The theory of elliptic functions has played the central role in the development of mathematics in 19th and 20th centuries. In this course, by studying the topic from historical, modern and general perspectives, we can see that modern mathematics has a synthetic nature, unifying algebra, geometry and analysis.

Topics to be covered:

1. Elementary complex functions (review)
2. Historical introduction of elliptic functions
3. Modern theory of elliptic functions
4. Moduli of elliptic functions and elliptic curves
5. Theory of modular forms
6. Riemann surfaces and algebraic curves

A more precise schedule (syllabus) will be distributed in the first lecture.

Prerequisites: Students are assumed to have a fundamental knowledge of complex analytic functions of one variable, such as holomorphic or meromorphic functions, Cauchy integral formula, residues.

Reference Materials:

L. V. Ahlfors. *Complex Analysis*. McGraw Hill
C. L. Siegel. *Topics in Complex Function Theory, Vol.1*. Wiley
フルヴィッツ/クーラント, 『楕円関数論』, シュプリンガー・フェアラーク東京
梅村浩, 『楕円関数論』, 東京大学出版会

Evaluation:

Grading will be given with evaluating several short reports in the course of lecture and a long one at the end of the semester. Details will be given in the course.

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