

NUPACE

**Nagoya University Program for
Academic Exchange**

Academic Policies & Syllabi:

Autumn 04

NUPACE Academic Calendar & Policies – Autumn 2004

1. Calendar

Oct 1 ~ Feb 3	NUPACE (Japan area studies; majors) & regular university courses
Oct 6 ~ Jan 24	NUPACE Japanese language programme
Oct 18 ~ Jan 28	University-wide Japanese Language Program (UWJLP)
Dec 28 ~ Jan 7	Winter Vacation
Feb 4 ~ Apr 1	Spring Vacation
Feb 14 ~ Mar 8	UWJLP (Spring Intensive)

National Holidays

(No classes will be held on the following days)

Oct 11	体育の日	(Health-Sports Day)
Nov 3	文化の日	(Culture Day)
Nov 23	労働感謝の日	(Labour Thanksgiving Day)
Dec 23	天皇誕生日	(Emperor's Birthday)
Jan 10	成人の日	(Coming-of-Age Day)
Feb 11	建国記念日	(National Foundation Day)
Mar 21	春分の日	(Vernal Equinox Day)

Some classes have also been cancelled on Wednesday, October 27, due to a field trip organised for international students. Please check with your class instructor.

2. Courses

Japanese & Foreign Language Courses:

NUPACE Elementary Japanese I (101)	4 credits	p 6
NUPACE Elementary Japanese II (102)	4 credits	p 6
NUPACE Intermediate Japanese I (201)	4 credits	p 7
NUPACE Intermediate Japanese II (202)	4 credits	p 7
University-wide Japanese Language Program <UWJLP> (101~302) & Spring Intensive Japanese Language Program <UWJLP> (101~302)	3 credits 0 credits	p 8
Foreign Language Courses (Graduate School of Languages & Cultures)	2 credits	p 9

Education Center for International Students (ECIS) Courses:

(Advanced Studies in Japanese Language & Culture I)	20 credits	p 12
Global Society <J>	2 credits	p 12
Introduction to Japanese Society & Culture <J>	2 credits	p 12
Introduction to Japanese Linguistics <J>	2 credits	p 12
Introduction to Linguistics <J>	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 Studies

Intercultural Communication	2 credits	p 12
Introduction to Japanese History	2 credits	p 13
Introduction to the Japanese Economy	2 credits	p 15
Science & Technology in Japan	2 credits	p 16

Courses in the Student's Major

School of Agricultural Sciences:

ASEAN – Japan’s Co-operation & Higher Education (Intensive Course)	1 credit	p 18
Introduction to Bioagricultural Sciences	2 credits	p 18

School of Engineering:

Chemical Engineering Laboratory	1.5 credits	p 18
Introduction to Civil Engineering & Architecture	2 credits	p 19
Overview of Advanced Electrical, Electronic & Information Engineering	2 credits	p 19

School of Informatics & Sciences

Introduction to Informatics & Sciences	2 credits	p 20
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Graduate School of International Development (GSID):

Poverty Reduction Strategies	2 credits	p 23
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Consult the course instructors prior to registering for the following classes.

Data Analysis of Development Planning and Policies (Graduate)	2 credits	p 23
Governance and Development (Graduate)	2 credits	p 23
International Politics (Graduate)	2 credits	p 24
Introduction to Peace-building (Graduate)	2 credits	p 24
Language Education Sciences Seminar I (Graduate)	2 credits	p 24

School of Law

Politics & Law in Japan	2 credits	p 24
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Consult the course instructors prior to registering for the following classes.

Comparative Studies in Administrative Law: Comparative Administrative Law	2 credits	p 25
Comparative Studies in Business Law I: Corporate Governance	2 credits	p 26
Comparative Studies in the Judicial System: Introduction to the Civil Justice System	2 credits	p 26
Comparative Studies in Politics II: Japanese Diplomacy and International Politics	2 credits	p 26
Comparative Studies in Political Thought: Political Theory in Modern Europe	2 credits	p 26
Comparative Studies in Public Administration: Comparative Public Administration	2 credits	p 26
Professional Studies in International Human Rights Law II: Advanced Seminar on Human Rights and Refugee Law	2 credits	p 27
Professional Studies in International Law II: International Economic Law	2 credits	p 27
Special Lecture and Seminar III: Business Law and Practice	2 credits	p 27

School of Letters:

American Literature II (Late 20 th Century Fiction)	2 credits	p 27
An Overall Architecture of English II	2 credits	p 28
British Literature II (Blake for Undergraduates)	2 credits	p 28
Linguistics & Language Acquisition II	2 credits	p 28
Myth & Archetype (Graduate Class)	2 credits	p 28
The Bible as Literature II	2 credits	p 29

School of Medicine:

Biostatistics	0 credits	p 29
Epidemiology	0 credits	p 29

School of Science

Methods in Applied Mathematics	2 credits	p 30
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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 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 10 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, November 26th, 2004**

4. Class Schedule I: NUPACE Japanese, ECIS <J> & Japan Area Studies


Japan Area Studies commence on Friday, October 1, 2004; the NUPACE Japanese language program commences on Wednesday, October 6, 2004; ECIS courses <J> commence after Tuesday, October 12.

	Mon	Tue	Wed	Thu	Fri
I 08:45-10:15	Japanese Language 101, 102 <i>(ECIS, Rms. 201, 305)</i>	Japanese Language 201, 202 <i>(ECIS, Rms. 201, 305)</i>	Japanese Language 101, 102 <i>(ECIS, Rms. 201, 305)</i>	Japanese Language 201, 202 <i>(ECIS, Rms. 201, 305)</i>	Japanese Language 101, 102 <i>(ECIS, Rms. 201, 305)</i>
II 10:30-12:00	Japanese Language 201, 202 <i>(ECIS, Rms. 201, 305)</i>	Japanese Language 101, 102 <i>(ECIS, Rms. 201, 305)</i>	Science & Technology in Japan <i>(Eng. Bldg. 1 <New>, Rm. N121)</i>	Japanese Language 101, 102 <i>(ECIS, Rms. 201, 305)</i>	Japanese Language 201, 202 <i>(ECIS, Rms. 201, 305)</i>
III 13:00-14:30	Global Society <J> <i>(ECIS, Rm.. 301)</i>		Japanese Language 201, 202 <i>(ECIS, Rms. 201, 305)</i>	Introduction to Japanese History <i>(ECIS, Rm. 207W)</i>	Introduction to Japanese Society <J> <i>(ECIS, Rm.. 301)</i>
IV 14:45-16:15				Introduction to Linguistics <J> <i>(ECIS, Rm.. 301)</i>	
V 16:30-18:00		Introduction to the Japanese Economy <i>(ECIS, Rm. 207W)</i>		Intercultural Communication <i>(ECIS, Rm. 207W)</i>	
				Introduction to Japanese Linguistics <J> <i>(ECIS, Rm.. 301)</i>	

*<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: Courses in the Student's Major

Unless indicated otherwise, the following courses commence on Friday, October 1, 2004. Please refer to the course descriptions in this pamphlet for details on course content and eligibility.

	Mon	Tue	Wed	Thu	Fri
I 08:45-10:15			Biostatistics <i>(Medicine <Tsurumai Campus>, Medical Research Bldg. - Annex, 4 Fl, YLP Sem. Rm.)</i>		Comparative Studies in Politics II <Japanese Diplomacy & Int'l Politics> <i>(IRB Humanities & Soc. Sc., Rm. 305)</i> Methods in Applied Mathematics <i>(Sc., Bldg. 1 <Maths>, Rm. 509)</i>
II 10:30-12:00	Comparative Studies in Admin. Law <Comparative Admin. Law> <i>(IRB Humanities & Soc. Sc., Rm. 305)</i>	Governance & Development <i>(GSID, Lect. Rm 3)</i> Language Education Sciences Seminar I <i>(GSID, Sem. Rm. 8)</i>	Epidemiology <i>(Medicine, <Tsurumai Campus>, Medical Research Bldg. - Annex, 4 Fl, YLP Sem. Rm.)</i>	Comparative Studies in Judicial Systems <Intro to the Civil Justice System> <i>(IRB Humanities & Soc. Sc., Rm. 305)</i>	British Literature II <Blake for Undergraduates> <i>(Letters, Lect. Rm. 129)</i>
III 13:00-14:30	Data Analysis of Dev. Planning & Politics <i>(GSID, Lect. Rm. 1 OR Rm. 707)</i> Comparative Studies in Public Admin. <Comparative Public Admin.> <i>(IRB Humanities & Soc. Sc., Rm. 406)</i> Linguistics & Lang. Acquisition II <i>(Communal Bldg./ Humanities & Soc. Sc., Rm. 2B)</i>	Politics & Law in Japan <i>(ECIS, Rm. 207W)</i> Overview of Adv. Electrical, Electronic & Information Eng. <i>(Eng.IB-1, Rm. 071)</i>	Introduction to Peace-building <i>(GSID, Sem. Rm. 9)</i>	American Literature II <Late 20 th Century Fiction> <i>(Letters, Rm. 129)</i> Prof. Studies in Int'l Human Rights Law II <Human Rights and Refugee Law> <i>(IRB Humanities & Soc. Sc., Rm. 406)</i>	Myth & Archetype <Grad.> <i>(IRB Humanities & Soc. Sc., Rm. 467)</i> Introduction to Civil Eng. & Architecture <i>(Eng. Bldg. 3, Rm. 364)</i>
IV 14:45-16:15	International Politics <i>(GSID, Sem. Rm. 7)</i> Overall Architecture of English II <i>(IRB Humanities & Soc. Sc., Rms. 409~410)</i>	Overview of Adv. Electrical, Electronic & Information Eng. <i>(Eng.IB-1, Rm. 071)</i>	Chemical Engineering Laboratory <i>(Refer to course details)</i>	Prof. Studies in Int'l Human Rights Law II <Human Rights and Refugee Law> <i>(IRB Humanities & Soc. Sc., Rm. 406)</i> Poverty Reduction Strategies <i>(GSID, Lecture Rm. 3)</i> Comparative Studies in Business Law I <Corporate Governance> <i>(Law, Sem. Rms.(prefab), Rm. 21)</i> Bible as Literature II <i>(Letters, Lect. Rm. 129)</i>	Introduction to Civil Eng. & Architecture <i>(Eng. Bldg. 3, Rm. 364)</i> Comparative Studies in Political Thought <Political Theory in Modern Europe> <i>(IRB Humanities & Soc. Sc., Rm. 406)</i>
V 16:30-18:00		Intro to Informatics & Sciences <i>(Informatics & Sciences, Lect. Rm. 3 OR Multimedia Presentation Rm.)</i> Special Lect. & Seminar III <Business Law & Practice> <i>(IRB Humanities & Soc. Sc., 310)</i>	Chemical Engineering Laboratory <i>(Refer to course details)</i> Introduction to Bioagricultural Sciences <i>(Agric. Sc., Lect. Rm. 4)</i>	Prof. Studies in Int'l Law II <International Economic Law> <i>(Languages & Cultures, Rm. 3)</i>	

NB. ASEAN – Japan's Co-operation & Higher Education (Agricultural Sc.) will be taught on 9~10, December, 2004. A handout on the course will be distributed nearer to the time of the lecture.

NUPACE Japanese Language Programme

Co-ordinator: UKIBA Masachika

Place: Education Center for International Students, Rooms 207E, 305

1. Elementary Japanese (101)

Designed for students who have little or no knowledge of Japanese. The aim is to develop sufficient oral skills necessary for daily use on campus. 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). Upon completion of the course, students should have mastered a total of 100 *kanji* and have acquired a vocabulary of 800 words.

Course Content:

Drill Practice	(32 hours)
Conversation Practice	(20 hours)
Aural Comprehension	(6 hours)
Reading Comprehension	(18 hours)
Communication Activities	(9 hours)
Oral and Written Tests	(5 hours)

Textbook:

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

Evaluation:

Attendance	10%	Oral Test (mid-term)	10%
Class Performance	10%	Written Test (mid-term)	10%
Homework	10%	Oral Test (final)	20%
Quizzes (grammar; <i>kanji</i>)	10%	Written Test (final)	20%

2. Elementary Japanese II (102)

Designed for students who have received approximately 150 hours of Japanese instruction at university level, or who have completed *Elementary Japanese* at Nagoya University. The main objective of the course is to teach students the fundamentals of pre-intermediate grammar patterns and enable them to acquire a working knowledge of Japanese. Upon completion of the course, students should have mastered a total of 300 *kanji* and have acquired a vocabulary of 1800 words.

Course Content:

Drill Practice	(28 hours)
Conversation Practice	(18 hours)
Reading Comprehension	(18 hours)
Communication Activities	(9 hours)
Project Work	(12 hours)
Oral and Written Tests	(5 hours)

Textbook:

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

Evaluation:

Attendance	10%	Oral Test (mid-term)	10%
Class Performance	10%	Written Test (mid-term)	10%
Homework	10%	Oral Test (final)	20%

Quizzes (grammar; *kanji*) 10% Written Test (final) 20%

3. Intermediate Japanese I (201)

Designed for students who have received approximately 300 hours of Japanese instruction at university level, or who have completed *Elementary Japanese II* at Nagoya University. Although emphasis is placed on developing oral skills necessary for daily conversation, students are also required to improve their listening, reading and writing skills. Upon completion of the course, students should have mastered a total of 500 *kanji* and have acquired a vocabulary of 3000 words.

Course Content:

会話	- Dialogue	(9 hours)
用法練習	- Usage Drills	(9 hours)
文法練習	- Grammar	(9 hours)
談話練習	- Discourse Pattern Drills	(9 hours)
聞く練習	- Aural Comprehension	(18 hours)
読む練習	- Reading Comprehension	(21 hours)
漢字	- Chinese Characters	(9 hours)
試験	- Oral and Written Tests	(6 hours)

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)

Evaluation:

Attendance	10%	Oral Test (mid-term)	10%
Class Performance	10%	Written Test (mid-term)	10%
Homework	10%	Oral Test (final)	20%
Quizzes (grammar; <i>kanji</i>)	10%	Written Test (final)	20%

4. Intermediate Japanese II (202)

Designed for students who have received approximately 450 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 4500 words.

Course Content:

会話	- Dialogue	(9 hours)
用法練習	- Usage Drills	(9 hours)
文法練習	- Grammar	(9 hours)
談話練習	- Discourse Pattern Drills	(9 hours)
聞く練習	- Aural Comprehension	(18 hours)
読む練習	- Reading Comprehension	(21 hours)
漢字	- Chinese Characters	(9 hours)
試験	- Oral and Written Tests	(6 hours)

Textbooks:

A Course in Modern Japanese Vol. 4 「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)

Evaluation:

Attendance	10%	Oral Test (mid-term)	10%
Class Performance	10%	Written Test (mid-term)	10%
Homework	10%	Oral Test (final)	20%
Quizzes (grammar; <i>kanji</i>)	10%	Written Test (final)	20%

University-Wide Japanese Language Programme

Co-ordinator: LEE Tack Ung

This program is intended for international students, researchers and faculty members at Nagoya University, who wish to improve their working knowledge of Japanese for the purposes of research and everyday life in Japan.

Courses & Teaching Materials:

Elementary I - 101: A Course in Modern Japanese (Revised Edition), Vol. 1 4 classes p/w

This course is designed for students who have little or no knowledge of Japanese. As well as teaching the fundamentals of elementary grammar, it aims to develop the oral skills necessary for everyday life.

Elementary II - 102: A Course in Modern Japanese (Revised Edition), Vol. 2 4 classes p/w

This course is designed for students who have completed *Elementary Japanese I*, or the equivalent. It aims to enable students to master more natural speech and grammar patterns.

Pre-intermediate - 200: Teaching materials developed by ECIS 4 classes p/w

This course is designed for students who have completed *Elementary Japanese II*, or the equivalent. It aims to consolidate knowledge of basic grammar so that it can be used in speaking and writing, and to develop reading ability and knowledge of *kanji*.

Intermediate I - 201: 『現代日本語コース中級Ⅰ』 4 classes p/w

This course is designed for students who have completed *Pre-intermediate Japanese* or the equivalent. Emphasis is placed on reviewing grammar patterns and improving the students' working knowledge of Japanese. Classes cover conversation, reading comprehension and listening comprehension.

Intermediate II - 202: 『現代日本語コース中級Ⅱ』 4 classes p/w

This course is designed for students who have completed *Intermediate Japanese I* or the equivalent. It aims to enable students to develop a comprehensive working knowledge of Japanese. Conversation, aural comprehension and reading comprehension classes are offered.

Advanced I - 301: First-hand materials to be announced in class

This course is designed for students who have completed *Intermediate Japanese II* or the equivalent. It aims to develop a working knowledge of Japanese necessary for study and research at the university level.

Advanced II - 302: First-hand materials to be announced in class

This course is designed for students who have completed *Advanced Japanese I* or who have passed Grade 1 of the Japanese language proficiency test. It aims to develop an advanced working knowledge of Japanese necessary for study and research at the university level.

Four subjects (reading; writing; speaking; listening), comprising one class each, are offered at both *Advanced Japanese I* and *II*. Students are free to compose their Japanese language curriculum from the above, according to need.

Course Schedule & Registration:

Autumn Semester: Mon, 18 Oct 2004 ~ Fri, 28 Jan 2005 (12 weeks)

Registration: Mon, 4 Oct ~ Fri, 8 Oct 2004

Where to register: <http://www.ecis.nagoya-u.ac.jp/zengaku.html>

Spring Intensive: Mon, 14 Feb ~ Tue, 8 Mar 2005 (17 days)

Registration: Tue, 1 Feb ~ Mon, 7 Feb 2005

Where to register: <http://www.ecis.nagoya-u.ac.jp/zengaku.html>

Notes:

1. Applicants who (1) fail to register during the relevant registration periods or, (2) fail to take the placement test, will not be admitted to the programme.
2. All applicants are required to show some form of identification document (e.g. student ID card) when registering.
3. Students are required to purchase textbooks 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 Student Exchange 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 (Ainu <autumn only>, Chinese, Dutch <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 in Meeting Room A (1st Fl., Graduate School of Languages & Cultures). After filling it in, and writing NUPACE in capital letters on it, submit the relevant section of form to an official in the meeting room during the following period. (Be sure to keep the remaining portion of the form to take to your first class):

Registration Period: Tue, Sep 21~ Wed, Sep 22 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) by Mon, Oct 6

Course Registration – Other Languages

Pick up a blue course registration form at the Office of the Graduate School of Languages & Cultures (1st Fl.). 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 above Office by 17:00 on Tue, Oct 19.

NB. French (level 3) and Korean (level 3) commence in the first week of the semester (i.e., Fri, Oct 1~Thu, Oct 7). All other classes commence in the second week (i.e., Fri, Oct 8~Thu, Oct 14).

Education Center for International Students (ECIS)

1. Advanced Studies in Japanese Language & Culture I

2. Global Society

Co-ordinator: AKIYAMA Yutaka
Class: Mondays, 13:00~14:30
Place: Education Center for International Students (ECIS), Rm. 301

NB. Course taught in Japanese and which requires at least level 2 of the Japanese Language Proficiency Test (JLPT) or equivalent.

遠く離れた場所で起きたできごとや自分がまったく知らないできごとが距離・時間の隔たりなく人々の生活、健康などに影響をあたえるようになった。さらに貿易、資本、情報の流れにおける国境だけでなく、考え方や規範、価値観といった面でも国境の存在が薄らいできた。このような空間の縮小、時間の短縮、国境の消滅ははたして一つの地球村の形成につながるのであろうか。その可能性はあなたが何者であるかによるのかもしれない。国家、経済、人々が盛んに行き交う時代、いわゆるグローバリゼーションは世界を一つにするのか、あるいはバラバラにしてしまうのか。グローバリゼーションがもたらす正負の側面を概観する。

Topics to be covered (tentative):

- 1 世界の統合
グローバル・キャピタル
グローバル文化
- 2 世界の分断
2-1. 拡大する不平等
2-2. 雇用と収入の不安
- 3 不安定な世界
3-1. 金融市場
3-2. グローバル犯罪
3-3. 沈黙の緊急課題: 環境悪化
- 4 地球社会?
4-1. グローバル・ガバナンス
4-2. グローバルNGOネットワーク

Reference Materials:

資料配布

Evaluation:

出席率・積極性・レポート

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

Co-ordinator: UKIBA Masachika
Class: Fridays, 13:00~14:30
Place: Education Center for International Students (ECIS), Rm. 301

NB. Course taught in Japanese and which requires at least level 2 of the Japanese Language Proficiency Test (JLPT) or equivalent.

まず、はっきり言いますが、茶道、歌舞伎、武士道などいわゆる「日本文化」(つまり、日本にしか無いもの)はやりません。「日本文化」という言葉は「日本人の生活様式」という広い意味でとらえてください。「文化」という言葉を私はある集団が世代を越えて伝えていく<癖(くせ)>のようなものだと考えています。

この講義では、家族、学校という現代の日本社会を理解するうえで重要な二つのトピックを取り上げ、そこに見られる日本人の<癖(くせ)>を考えていきます。また、時間に余裕があれば、皆さんがあまり目にすることが出来ない田舎の生活についても、紹介していきたいと思います。

この講義を通して、皆さんが日本や日本人に対するイメージを少しでも広げることが出来ればと考えています。

Topics to be covered:

1. オリエンテーション:「文化」という言葉をめぐって
2. 家族は会社、学校を両立するのか:映画『毎日の夏休み』に見る新しい家族像
3. 結婚しても入籍できない!?:夫婦別姓と国際結婚(戸籍制度と日本社会)
4. 学校に行かない子どもたち:いじめ、不登校、フリースクールなど
5. 働かなくちゃだめですか:フリーター、パラサイト・シングルなど
6. 田舎に言ってみよう:貴方の知らないこほんの素顔

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%

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

Co-ordinator: LEE Tack Ung

Class: Thursdays, 14:45~16:15

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

NB. Course taught in Japanese and which requires at least level 2 of the Japanese Language Proficiency Test (JLPT) or equivalent.

前半の講義では、日本教育で主に問題となる文法項目を取り上げ、整理・検討することによって、基礎的な文法知識を身につけることを目指す。毎回、簡単な課題を取り上げ、み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。

後半の講義では、日本語教育の基礎知識を身につけることを目標とする。日本語教育の現状を概観し、コース・デザイン、教材、4技能の指導法などを紹介する予定である。

この講義で学んだことがこれから日本語教育者(あるいは元号学者)を目指す人に少しでも役に立てることを願っている。

Topics to be covered:

I 日本語学(前半)

1. 品詞
2. 格助詞
3. 活用
4. 人称
5. ヴォイス
6. テンス

II 日本語教育学(後半)

1. 日本語教育の概観
 - (1) 日本語教育とは何か
 - (2) いろいろな日本語教授法
2. コース・デザインと教材
3. 4. 技能(話す、聞く、読む、書く)の技能法

Reference Materials:

小林ミナ(1998)『よくわかる教授法』アルク

田中望(1988)『日本語教育の方法—コース・デザインの実際—』大修館書店

野田尚史(1991)『初めての人の日本語文法』くろしお出版

姫野昌子・小林幸江・金子比呂子・小宮千鶴子・村田年(1998)『ここから始まる日本語教育』ひつじ書房

益岡隆志・田窪行則(1992)『基礎日本語文法—改定版—』くろしお出版

その他の参考文献は、授業の際に紹介する。

5. Introduction to Linguistics (言語学入門)

Co-ordinator: MOMIYAMA Yosuke

Class: Thursdays, 13:00~14:30

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

NB. Course taught in Japanese and which requires at least level 2 of the Japanese Language Proficiency Test (JLPT) or equivalent.

Focusing on Japanese, this lecture attempts to provide a basic knowledge of linguistics, including methodology. It focuses on selected fundamental characteristics of human language, semantics (linguistic meaning), sociolinguistics, and linguistic typology.

Topics to be covered:

1. 言語学の基本的な考え方: 日常見られる言葉に対する見方と違い
2. 人間の言葉の一般的特徴: 他の動物のコミュニケーションの手段と比較して
3. 言葉の意味: 認識意味論 (cognitive linguistics) を中心に
4. 言葉と社会: 社会方言 (social dialects) の諸相
5. 世界の言語と日本語: 言語類型論 (linguistic typology) における日本語の位置づけ

Textbook:

ハンドアウトを配布する

Reference Materials:

町田健・初山洋介『よくわかる言語学入門』バベル・プレス

町田健・初山洋介他『言語学大問題集 163』大修館書店

初山洋介『認識意味論のしくみ』研究者

(授業の際に、より詳しい参考文献を紹介する)

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 Studies

1. Intercultural Communication

Co-ordinator: FUDEUCHI Misa
Class: Thursdays, 14:45~16:15
Place: Education Center for International Students, Room 207W
Class Capacity: 20 Students

This course introduces the basics of intercultural communication and aims to enhance students' cultural awareness and intercultural competence. Various sources will be provided in class to examine cultural aspects and communication styles, which shall be related to one's real learning experience in everyday life outside the classroom.

Students are expected to participate actively in discussions and culture-related activities to contribute their idea and culture of their own to reflect the topics concerned. Students are also required to keep journals during the semester to help them process and learn from their own intercultural experience in Japan. Journals shall be referred when writing the final report at the end of the semester. The structure and way of journaling will be explained in the first class.

Topics to be covered

1. What is Culture?
2. Cross-cultural Adjustment
3. Verbal Communication
4. Nonverbal Communication
5. Barriers to Intercultural Communication
6. Cultural Values and Norms
7. Rituals and Superstitions
8. Identity
9. Intercultural Communication in Educational Settings
10. Popular Culture
11. Re-entry Process

Reference Materials

Milton Bennett (1998). *Basic Concepts of Intercultural Communication: Selected Readings*. Intercultural Press
Judith N. Martin, Thomas K. Nakayama (2001). *Experiencing Intercultural Communication: An Introduction*. McGraw-Hill
Michael R. Laubscher (1994). *Encounters with Difference: Student Perceptions of the Role of Out-of-Class Experiences in Education Abroad*. Greenwood Press
Craig Storti (1994). *Cross-Cultural Dialogues: 74 Brief Encounters with Cultural Difference*. Intercultural Press
Roger. E. Axtell (1993). *Do's and Taboos Around the World, 3rd Edition*. John Wiley & Sons

Handouts will be provided for each class.

Evaluation

Participation: 20%
Presentation: 30%
Written report: 50%

2. Introduction to Japanese History

Co-ordinator: Claudia ISHIKAWA
Class: Thursdays, 13:00~14:30
Place: Education Center for International Students, Room 207W
Class Capacity: 20 Students

This course serves as a basic introduction to Japanese history, spanning the period from the Jomon Era (circa 12,000 BC) to the end of the Tokugawa Administration (1867). The course focuses on the evolution of Japanese political systems, institutions and culture. Students are expected to prepare for each class, participate in class discussions, and give mini-presentations on the salient features of each topic of study. Students should note that the study of history requires a certain amount of independent study. Furthermore, participants need to feel comfortable reading and digesting material in English.

Topics to be covered:

Oct 7	Archaic Japan	The Beginnings: Jomon & Yayoi Periods (pp 19-24)
Oct 14		Kofun Period (pp 25-34)
Oct 21	Ancient Japan	Creation of a Unified State (pp 37-51)
Oct 28		Nara Period (pp 52-63)
Nov 4*		Heian Period: Government (pp 64-80)
Nov 11		Heian Period: Literature (pp 81-97); Religion (pp 98-109); Art (pp 110-117)
Nov 18	Medieval Japan	The Military Houses (pp 121-136)
Nov 25		Ashikaga Rule (pp 136-147)
Dec 2		Economic & Cultural Life (pp 147-157); Buddhism (pp 158-170)
Dec 9*	Early Modern Japan	Sixteenth Century Japan (pp 173-189)
Dec 15		Tokugawa Administration (pp 190-219)
Jan 13		Society & Culture in Early Modern Japan (pp 220-253)
Jan 20		The Coming of the West (Beasley: pp. 188~209)
Jan 27*		Concluding Remarks

Notes:

1. **Participation:** Students are expected to prepare for each class, and to participate actively. This applies equally to auditing students.
2. **Tests:** Short written tests, checking students' knowledge of the previous weeks' topics, shall be given at the beginning of classes marked with an asterisk (*).
3. **Essay:** Students are required to write one essay, the length of which should be 2,500~3,500 words, exclusive of bibliography and footnotes. The essay may cover any aspect of Archaic, Ancient, Medieval or Early Modern Japan (submission deadline: Thursday, January 20, 2005). Essay titles should be discussed with the class co-ordinator in advance. Students are advised that essays submitted after the deadline will not be accepted.
4. **Group Presentation:** Students will be asked to form pairs or groups of three, depending on the size of the class, and give mini-presentations (15~20 minutes) on a subject relevant to topic covered in the week in which the presentation is scheduled. If at all possible, students should utilise visual aids or handouts when giving their talks.

Textbook:

Mason R. H. P. & J. G. Caiger, *A History of Japan*, Charles E. Tuttle Company (1997)

Beasley W.G., *The Japanese Experience*, University of California Press (1999)

Students should borrow *A History of Japan*, from the NUPACE Office before the course commences and ensure that they have read the relevant pages prior to the first lesson.

Reference Materials:

Japan, An Illustrated Encyclopedia, Kodansha Ltd. (1993)

Bowring R., P. Kornicki (eds.), *The Cambridge Encyclopedia of Japan*, Cambridge University Press (1993)

Totman, Conrad, *A History of Japan*, Blackwell Publishers (2000)
The Cambridge History of Japan, Vols. 1~5, Cambridge University Press
Sansom, George, *A History of Japan*, Charles E. Tuttle Company (1974)
Varley, H. Paul, *Japanese Culture*, University of Hawaii Press (1973)

Rekishi Sites: <http://www.lib.duke.edu/ias/eac/histwww.htm>
Links to Japanese History Sites: <http://ic.ucsc.edu/~naso/hist159a/links.htm>
Japanese History on the Web: <http://web.uccs.edu/~history/index/japan.html#general>
Stanford Japan Guide: <http://jguide.stanford.edu/>
Historywiz: <http://www.historywiz.com/japan.htm>

Handouts prepared by the class instructor

Evaluation:

Attendance & Participation	10%
Group Presentation	25%
Quizzes x 3	25%
Essay	40%

3. Introduction to the Japanese Economy

Co-ordinator: Natalie KONOMI
Class: Tuesdays, 16:30~18:00
Place: Education Center for International Students, Room 207W
Class Capacity: 25 Students

This course is designed to be a basic introduction to the development and structure of the Japanese economy, with a focus on contemporary institutions and issues. It provides an overview of the contemporary Japanese economy and deals with Japan's economic performance from the Meiji Restoration to the present. After a brief discussion of the process of Japan's economic development before World War II, the course focuses on a number of issues pertaining to the Japanese economy in the post-war period. Topics that are covered include: post-war macroeconomic performance (including the 'high economic growth' period and the causes of the economic miracle, the consequences of the end of the miracle, the Bubble Economy and the recession of the 1990s); the macro-economic structure of the economy, consumption and saving; investment; the labour market; Japanese-style industrial relations; the financial sector (public finance; banking), Japanese business organization (the firm and the industrial group, the small business sector), Japanese management practice (labour management, production management and technical change). A wide variety of formats, from standard lectures to class discussion, papers, tests and group presentations will be used.

Students should come away from this course with an understanding of the basic features of the economy as they are currently understood, plus an appreciation for the heavy strains on the system and the uncertainty concerning future structure and performance. Previous background in basic economics is helpful but is not a prerequisite for this course. Please note that participants should possess a level of English equivalent to TOEFL 530 (paper test)/200 (CBT).

Topics to be covered:

Oct 12 Overview and introduction
Oct 19 Economic history: the Tokugawa Period (1603-1868) and Meiji Era (1868-1912)
Oct 26 The economic development process after the Meiji Restoration
Nov 2 Economic growth after the War
Nov 9* The economic miracle
Nov 16 Consumption and saving
Nov 23 *No class*

Nov 30	Labour markets in Japan
Dec 7	Long-term employment, seniority wage system, and labour unionism
Dec 14*	Industrial organisations in Japan
Dec 21	Industrial organisations in Japan (cont'd)
Jan 11	The financial system
Jan 18	International trade and finance
Jan 25*	Bubble economy
Feb 1	Japan's environmental policy

(* Short written tests given on these days.)

Textbook:

D. Flath (2000), *The Japanese Economy*, Oxford University Press

Some topics in this textbook discuss economic concepts that are likely to appear in the intermediate level of micro- or macroeconomics, that is, beyond the level of principles of micro- or macroeconomics. Do not be bothered by technical discussion too much. Instead try to grasp the main issue of discussion. Economic concepts will be explained in the class when necessary and appropriate.

Reference Materials:

K. Koike (1988), *Understanding Industrial Relations in Modern Japan*, St. Martin's Press.

M. Aoki and H. Patrick (1994), *The Japanese Main Bank System*, Oxford University Press.

M. Blomstroem, B. Gangnes, S. La Croix (2001), *Japan's New Economy – Continuity and Change the Twenty-First Century*, Oxford University Press.

B. Gao (2001), *Japan's Economic Dilemma: The Institutional Origins of Prosperity and Stagnation*, Cambridge University Press.

Handouts prepared by the class co-ordinator.

Evaluation:

- Students are expected to attend and prepare for each class, and to participate actively. (20% of final grade)
- Students will be asked to give group presentations (15-20 minutes, depending on the size of the class 2-4 students per group). (25% of final grade)
- Students will be given short written tests on topics covered in the previous weeks. (15% of final grade)
- Students are required to write a final essay (between 2,000-2,500 words, not including footnotes and bibliography, in English, footnotes and bibliography necessary). The submission deadline is Tuesday, February 8, 2005). The essay may cover any aspect of the topics above, but the title should be discussed with the class co-ordinator in advance. (40% of final grade)

4. Science & Technology in Japan

Co-ordinator: TABATA Akimori
 Class: Wednesdays, 10:30~12:00
 Place: School of Engineering, Bldg. 1 (New), Room N121

In this course, three international student advisors will give introductory lectures on selected fields of science and technology in Japan, from historical and cultural viewpoints. In principle, this course is intended principally for NUPACE students. However, Japanese students from any school at Nagoya University may participate in the course.

Topics to be covered (tentative):

Enhanced by video presentations, this course aims to cover the history, present issues, and future prospects of engineering in Japan. It will cover the following areas, in line with the specialties of the three lecturers (K. Hirota, H. Mori, A. Tabata):

1. Introduction to metal processing technology
2. History of metal processing in Japan
3. Development of metal forming technologies in Japan
4. History of environmental pollution in Japan
5. Development of pollution control technologies in Japan
6. Global environmental issues
7. Treatment of industrial waste
8. Prospects for production systems
9. History of the electronic industry in Japan
10. Introduction to solar cells
11. History and development of solar cells in Japan
12. Future technology in solar cells

Evaluation:

Attendance & Participation	25%
Written Reports	75%

School of Agricultural Sciences

1. ASEAN – Japan's Co-operation & Higher Education

Instructor: NAKANO Kyoko (Director, Dept of Planning & Academic Co-ordination,
Asia Science & Education for Economic Development <Asia SEED>)
Class: Thu, Dec 9 (13:00~18:00) & Fri, Dec 10 (8:45~14:30)
Place: To be announced

Topics to be covered:

To be announced.

2. Introduction to Bioagricultural Sciences

Co-ordinator: IWASAKI Yugo
Class: Wednesdays, 16:30~18:00
Place: School of Agricultural Sciences, Lecture Room 4

We are beset by an array of global concerns such as the depletion of food and energy resources, poverty and health problems, and the destruction of the natural- and living environment. This course, by taking as its base recent developments in the field of life sciences, aims to propose possible solutions to the above, through the analysis of biological production, symbiosis, and frontier technology in the field of bioscience. The course is taught entirely in English.

Topics to be covered:

Oct 6	Introduction	(IWASAKI Yugo)
Oct 13	Enzyme engineering I	(IWASAKI Yugo)
Oct 20	Enzyme engineering II	(IWASAKI Yugo)
Nov 10	Genetically modified crops I	(TANIGUCHI Mitsutaka)
Nov 17	Genetically modified crops II	(TANIGUCHI Mitsutaka)
Nov 24	Sustainable coffee and cassava cropping systems in Sumatra, Indonesia: Case study of a 3~4-year field experiment	(IJIMA Morio)
Dec 1	Current trends in crop production in Japan I	(YAMAUCHI Akira)
Dec 8	Current trends in crop production in Japan II	(YAMAUCHI Akira)
Dec 15	Topics in industrial microbiology	(KATO Masashi)
Dec 22	Basic reproductive endocrinology I	(MAEDA Kei-ichiro)
Jan 12	Basic reproductive endocrinology II	(MAEDA Kei-ichiro)
Jan 19	Molecular insect sciences	(YAGINUMA Toshinobu)
Feb 2	Remarks	(IWASAKI Yugo)

Evaluation:

Evaluation is based on attendance and written reports.

School of Engineering

1. Chemical Engineering Laboratory

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

NB. This laboratory class 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 Oct 1~5.

Students carry out various laboratory practices related to the subject matter of chemical engineering. In doing so, a better understanding of this field can be obtained.

Topics to be covered:

Fundamentals: 1. Measurements of liquid flow; 2. Mass transfer coefficients in agitated vessels; 3. Unsteady-state heat conduction; 4. Behaviour of Non-Newtonian fluids; 5. Particle fluidized bed; 6. Constant pressure filtration; 7. Catalytic reaction rate; 8. Computer simulation of chemical processes

Applications: 1. Gas absorption in packed column; 2. Heat transfer experiments; 3. Constant pressure filtration of non-Newtonian fluids; 4. Chemical reactor design; 5. Design and control of chemical processes using computer simulations

Textbook:

Experiments in Chemical Engineering (Department of Chemical Engineering)

Evaluation:

Attendance, oral examination and report

Prerequisites: Students are required to have an academic background in the engineering sciences.

2. Introduction to Civil Engineering & Architecture

Co-ordinator: ASAOKA Akira (Room 159; 789-4621)
Class: Fridays, 13:00~16:15 (starting on October 8. Lessons will be held twice a month, to be arranged.)
Place: School of Engineering, Building 3, Room 364

The objectives of this course are (1) to establish scenarios for certain social infrastructure projects, and thereby introduce relevant civil engineering theories and construction technology, as well as conduct site-visits; (2) to survey, through technical site visits, various aspects of urban and architectural studies, including the modernising process of Japanese architecture and recent development of regional disaster mitigation activities.

Topics to be covered:

1. Social Infrastructure and Civil Engineering (HIRANO Minoru, Nishimatsu Construction Co., Ltd)
Site-visit: Construction sites of Meishin and Tomei Highways; traffic control centre.
2. Modern Architecture in Pre-war Japan and Disaster Mitigation
(KATAGI Atsushi & TOBITA Jun, Graduate School of Environmental Studies)

- Visit to Museum Meijimura (<http://www.meijimura.com/>)
- Visit to Toyota Commemorative Museum of Industry and Technology (<http://www.tcmiit.org/>)
- Visit to Nagoya University Disaster Mitigation & Management Office
(<http://anshin.sharaku.nuac.nagoya-u.ac.jp/taisaku/>)

(*dates of site-visits to be announced on notice-board)

Evaluation:

Students will be evaluated on attendance and written reports.

3. Overview of Advanced Electrical, Electronic & Information Engineering

Co-ordinator: SASAKI Koichi
Class: Tuesdays, 13:00-14:30 (13:00-17:30 for plant visits)
Place: School of Engineering, IB Electronics & Information Building, Room 071

This course comprises lectures and visits to technical plants in the Tokai area. In the lectures, current topics in advanced electrical, electronic and information engineering will be reviewed and explained. The plant visits introduce students to practices of advanced technologies. The course is organised into the three fields of superconductor technology, image processing, and plasma science technology.

Topics to be covered:

Oct 5 Orientation (Assoc. Prof. K. Sasaki)

Advanced Research in Superconductor Technology

Oct 19 Superconductor electronics as a post-silicon technology (Prof. A. Fujimaki)

Oct 26 Seminar on ceramics (Plant visit to Noritake Co., Ltd.)
(Prof. Y. Takai, Assoc. Prof. Y. Yoshida, and Dr. Y. Ichino)

Nov 2 Advanced technology of the SQUID sensor system
(Prof. S. Tanaka <Toyohashi University of Technology>)

Advanced Research on Image Processing

Nov 9 Free viewpoint television–FTV (Prof. M. Tanimoto)

Nov 30 Sensors for driver support systems: Vision system technology
(Mr. Y. Tamatsu <DENSO CORPORATION>)

Dec 14 Plant visit to NHK (Japan Broadcasting Corporation) (Assoc. Director M. Mikuri <NHK>)

Advanced Research in Plasma Science and Technology

Dec 21 Fabrication of carbon nanostructures using plasma-enhanced chemical vapour deposition and applications (Assoc. Prof. M. Hiramatsu <Meijo University>)

Jan 11 Semiconductor nano-process (Prof. M. Hori)

Jan 18 Reactive plasmas: Discharge and laser ablation (Assoc. Prof. K. Sasaki)

Jan 25 Plant Visit to Chunichi Denshi Co., Ltd. (Dr. T. Ichikawa <Chunichi Denshi>)

Evaluation:

Written reports after each lecture and plant visit.

School of Informatics & Sciences

Introduction to Informatics & Sciences

Co-ordinator: KITA Eisuke
Class: Tuesdays, 16:30~18:00
Place: School of Informatics & Sciences, Lecture Room 3 or Multimedia Presentation Room. (First lesson to be held in Lecture Room 3).

The School of Information and Sciences, through the methodology of information science, aims at the reconstruction of research and education in the natural, human and social sciences. This course introduces students to some of the School's research results in order to reveal the contribution of informatics and information technology to other sciences and human society. Trips to related facilities/laboratories will be incorporated, where necessary, to help familiarise students with the subject

matter. Evaluation is by means of examination or reports.

Topics to be covered (tentative):

Oct 5	Introduction	KITA Eisuke
Oct 12	Introduction to probability theory and its applications I: Examples from familiar random experiments	KAISE Hidehiro
Oct 19	Introduction to probability theory and its applications II: Formulation of probability theory	KAISE Hidehiro
Oct 26	Introduction to probability theory and its applications III: Application to mathematical finance	KAISE Hidehiro
Nov 2	What is complexity?	SUGIYAMA Yuki
Nov 9	Co-operative transportation dynamics	SUGIYAMA Yuki
Nov 16	What can computer simulations tell us? I	WATANABE Hiroshi
Nov 30	What can computer simulations tell us? II	WATANABE Hiroshi
Dec 7	Distribution in counting random events I	MORI Masahiro
Dec 14	Distribution in counting random events II	MORI Masahiro
Dec 21	Hormone and endocrine disruptors	SUGIMOTO Takashi
Jan 11	Production and utilisation of chemical substances to keep up modern lifestyles I: Introduction	MURATA Shizuaki
Jan 18	Production and utilisation of chemical substances to keep up modern lifestyles II: History of chemical hazards	MURATA Shizuaki
Jan 25	Production and utilisation of chemical substances to keep up modern lifestyles III: Recent chemical hazards	MURATA Shizuaki
Feb 1	Production and utilisation of chemical substances to keep up modern lifestyles IV: Sustainable developments	MURATA Shizuaki

Lesson Content:

1) Introduction

Teachers are introduced and the lecture schedule and evaluation explained. >

2) Introduction to Probability Theory and its Application I: Examples from familiar random experiments

We start with simple examples to explain what random phenomena are. We consider dice, coin toss and some problems from gambling and compute probabilities for events. Some basic quantities (expectation, variance) are also introduced. The ways to calculate probabilities are intuitive and not rigorous from the viewpoint of modern probability theory. However this is an important step towards understanding situations concerning randomness.

3) Introduction to Probability Theory and its Application II: Formulation of probability theory

In this lecture, we introduce a basic formulation in probability theory. We need advanced mathematical notions to study probability theory in general frameworks. However, by focusing on some special cases where the number of possibilities is finite, formulations become simple. The examples in the last lecture can be discussed using one abstract model.

4) Introduction to Probability Theory and its Application III: Application to mathematical finance

One of the recent advances made in probability theory is its application to mathematical finance. We consider a simple case, the so-called "binomial model" for stock prices. We introduce the theory of option pricing in this simple model. Optimal investment will also be discussed.

5) What is complexity?

Introductory lecture of the world of Complex Systems Science is presented. Basic concepts are provided focusing on physical and mathematical viewpoints. The main subject is 'what is complexity?' The lecture may induce an answer through looking at several phenomena in our universe; material, biological and mathematical objects, which represent a big variety of very interesting and curious aspects. Conceptual keywords introduced in the lecture are 'many-body system', 'information', 'self-similarity', 'random', 'chaos', 'phase transition', 'integrability', and 'computational complexity'. The lecture is presented for students unfamiliar with these fields.

6) Cooperative transportation dynamics

Dynamical systems in physics, especially for non-equilibrium many-body systems, show several complex behaviours. In this lecture, some recent developments in these research fields are introduced. They include not only material science but also socio-economical and biological science. Recently, these objects provide important themes of physics related to the phenomena of non-equilibrium and non-linear many-body systems. As a typical example, the system of cooperative motions of interacting particles is selected here, such as granular material, traffic, network, bio-motions, and pedestrians. And a unified view of the phenomena can be explained from the view point of physics, which is presented using mathematical theories as well as computer simulations. The lecture is presented for students unfamiliar with these fields.

7), 8) What can computer simulations tell us?

This lecture reviews the world of computer simulations. Through the growth of computational power, we can investigate more complex and more interesting phenomena. After the basics of computer simulations are introduced, some examples of computer simulations will be shown. Finally, we will try to understand 'life' by considering mass intelligence.

9), 10) Distribution in counting random events

Introductory talk on the theory and observation of radioactive rays is presented. We measure counting with students. What is the distribution in counting random events? An unstable nucleus waits a random amount of time before it decays; this is a quantum mechanical process. This time is not, however, completely unpredictable. At first we show that the distribution function theoretically constitutes a Poisson distribution function, and compare it with experimental results. We know that the experimental system has 'dead time'. How does the distribution change? Finally, we consider leading the dead time from the distribution.

11) Hormone and endocrine disruptors

Endocrine disruptors yield several problems in the natural world and animal systems. In this lecture, endocrine disruptors are compared with the natural hormone and the effect of endocrine disruptors to living systems is explained.

12) Production and utilisation of chemical substances to keep up modern lifestyles I: Introduction

Modern industrial processes and uses of various plastic materials (such as polyethylene, polyvinyl chloride, and polyethylene terephthalate), synthetic fibres (nylon and polyester), household chemicals (detergents), and medicines will be commented on. In this class, we will discuss the importance of sustainable production and development of those materials.

13) Production and utilisation of chemical substances to keep up modern lifestyles II: History of chemical hazards

Fifty years ago, the Minamata disease spread on the south western coast of Kyushu, Japan (Kumamoto and Kagoshima prefectures). The disease is known as poisoning by organomercury compounds. In this class, chemical production based on coal and the reason why the disease occurred will be explained.

14) Production and utilisation of chemical substances to keep up modern lifestyles III: Recent chemical hazards

Recent problems caused by endocrine disruptors will be explained. Such substances may disturb chemical signals of oestrogen in human beings as well as wild animals. In this class, incineration of domestic waste will be explained.

15) Production and utilisation of chemical substances to keep up modern lifestyles IV: Sustainable developments

In view of the limitations of petroleum supply, we will discuss how to continue the production of chemical substances and energy. In addition, the recycle of waste plastics will be considered.

Reference Materials:

Relevant handouts will be distributed for each topic.

Evaluation:

Attendance & participation: 40%

Three or four short papers: 60%

Graduate School of International Development (GSID)

1. Poverty Reduction Strategies (貧困削減政策論国)

Co-ordinator: ITO Sanae
Class: Thursdays, 14:45~16:15
Place: Graduate School of International Development (GSID), Lecture Room 3

This lecture series introduces policy debates concerning poverty in developing countries. It examines core principles and cross-cutting issues incorporated in Poverty Reduction Strategy Papers. The course consists of lectures and discussions.

NB. The following GSID classes are open to graduate students only. Consult the course instructors prior to registering for them.

2. Data Analysis of Development Planning & Policies (開発データ分析論)

Co-ordinator: EZAKI Mitsuo
Class: Mondays, 13:00~14:30
Place: Graduate School of International Development (GSID), Lecture Room 1 OR Room 707

This course provides an introduction to data analysis in the context of econometric practice, dealing mainly with regression analysis as a research tool in development studies. Both lecture and computer-assisted practical exercises are given based on C. Mukherjee, H. White and M. Wuyts, *Econometrics and Data Analysis for Developing Countries* (Routledge, 1998). The course assumes a basic knowledge on statistics, for which it is recommended to take the course: Introduction to Statistics.

Prerequisites: Graduate students only.

3. Governance and Development (開発ガバナンス)

Co-ordinator: OTSUBO Shigeru
Class: Tuesdays, 10:30~12:00
Place: Graduate School of International Development (GSID), Lecture Room 3

This course deals with the frontier-yet-fundamental issues of 'Markets vs. Controls in Guiding Development' and 'Development Governance'. The course covers selected topics such as: market-oriented development strategies (market forces and structural adjustments, building institutions for markets, co-ordinating government roles, market and government failures in a development context, economic vs. social development); the Japanese system of development (macro- and micro-elements of post-WWII success, government roles, the lost decade and reforms); the East Asian Miracle (elements of development governance in the miracle, rethinking the East Asian miracle); Economics of the Public Sector (revenue and expenditure management, growth-oriented public policies, social welfare); and elements of Good Development Governance (accountability and transparency, the legal framework for development, public sector management, growth and equity under globalisation/decentralisation, governance and human development).

Reviews of the theories of public finance, public policies and public management will be discussed in relation to the subjects covered in the course.

Prerequisites: Graduate students only.

4. International Politics (国際政治学)

Co-ordinator: NAKANISHI Hisae
Class: Mondays, 14:45~16:15
Place: Graduate School of International Development (GSID), Seminar Room 7

This lecture provides a basic understanding of major theories of international politics. The following subjects will be covered: developmental states and democratisation, human capital, mono-cultural economy, characteristics of authoritarian regimes, environmental protection issues, security (both state and human), etc. Some of the case studies will be drawn from the area of the Middle East and Southeast Asia.

Prerequisites: Graduate students only. Students are required to have an academic background in the humanities or social sciences.

5. Introduction to Peace-building

Co-ordinator: SATO Yasunobu
Class: Wednesdays, 13:00~14:30
Place: Graduate School of International Development (GSID), Seminar Room 9

This course introduces crucial issues concerning peace-building, and identifies and analyses diverse phenomena from short- and long-term perspectives. It experimentally explores a variety of theoretical and practical topics such as the definition of peace-building, relevant ODA policies and issues, peaceful dispute processing, analysis of the root causes of armed conflict, humanitarian assistance and protection of refugees and internally displaced persons, the role of NGOs, aid agencies and international organisations, and provides an understanding of peace-building at various levels.

Prerequisites: Graduate students only.

6. Language Education Sciences Seminar I (言語教育科学演習 I)

Co-ordinator: KINOSHITA Toru
Class: Tuesdays, 10:30~12:00
Place: Graduate School of International Development (GSID), Seminar Room 8

NB. This course is principally taught in Japanese, although individual guidance will be given in English

(Course content to be announced)

Prerequisites: Graduate students only.

School of Law

1. Politics and Law in Japan

Co-ordinator: Frank BENNETT
Class: Tuesdays, 13:00~14:30
Place: Education Center for International Students, Room 207W

Topics to be covered:

This course will provide students with a basic survey of the political and legal systems of modern

Japan. Core readings for each session will be distributed by the instructor, together with a task to be prepared in advance for the next session. Class sessions will combine lecture by the instructor and class discussion arising out of the task prepared by students. The focus will be upon contemporary Japanese legal and political issues, but Japan's historical experience will be covered to the extent that it has shaped the nation's modern institutions. Session topics will include: selected aspects of the Meiji-era reforms; politics under the Meiji constitution; modern crime control; judicial reform; the contemporary political parties; selected political scandals; corporate governance; selected corporate scandals. If the instructor has the courage for it, we will finish the course with a session on educational and university reform.

Prerequisites: Class attendance is required, plagiarism is strictly forbidden.

Reference Materials:

J.A.A. Stockwin, *Governing Japan*, 3rd ed. (1999)

Other readings to be distributed.

Evaluation:

Class attendance, participation, and presentation (40%)

Short papers (800 words) x 3 (60%)

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.

2. Comparative Studies in Administrative Law: Comp. Administrative Law

Co-ordinator: ICHIHASHI Katsuya

Class: Mondays, 10:30~12:00

Place: IRB Humanities & Social Sciences, Room 305

In 1947 the Judicial Constitution Act and the Administrative Court Act were repealed. This marked a new commencement for the new court system. It has been more than 50 years since then, and in Japan the system of judicial review of administrative action has developed. But in the contemporary conditions we have many problems in that need reformation as soon as possible. I would like to reflect upon the merits and demerits of the court's role in administrative cases by means of reference to major Supreme Court's cases.

1. The Interpretation of Administrative Law;
2. Administrative Law and the Principle of Good Faith;
3. Legal relations in Administrative Activity;
4. Administrative legislation — Administrative Circulars;
5. Delegated Legislation;
6. Administrative Actions — Void dispositions;
7. Administrative Discretion — Political discretion;
8. Administrative Discretion — Special Expertise Discretion;
9. Retraction of Administrative Dispositions
10. Hearing Procedure;
11. Proceeding of Consultative Organs;
12. Constitution and Hearing;
13. Attachment of Reasons;
14. Administrative Guidance; and
15. Freedom of Information.

3. Comparative Studies in Business Law I: Corporate Governance

Co-ordinator: NAKAHIGASHI Masafumi

Class: Thursdays, 14:45~16:15
Place: School of Law Seminar Rooms (Prefab), Room 21

In the first part of this class, Professor Nakahigashi will give a series of lectures on Japanese corporate law. After the lectures, participants are expected to make presentations on business law in their own countries. Depending on each student's research theme, some students may be requested to submit a short paper (A4 × 2~4 pages) at the end of the class, instead of a presentation.

4. Comp. Studies in the Judicial System: Intro to the Civil Justice System

Co-ordinator: KAWANO Masanori
Class: Thursdays, 10:30~12:00
Place: IRB Humanities & Social Sciences, Room 305

This course is an introduction to the Japanese judicial system followed by a comparative analysis of issues in selected Asian countries. Ways to improve the legal system of selected Asian countries will also be discussed.

1. Principles and current status of the Japanese judicial system;
2. The role of legal professionals (judges, public prosecutors and lawyers) in Japan;
3. The judicial systems of Asian countries; and
4. Issues related to reformation of the judicial systems.

5. Comparative Studies in Politics II: Japanese Diplomacy & Int'l Politics

Co-ordinator: SADAKATA Mamoru
Class: Fridays, 8:45~10:15
Place: IRB Humanities & Social Sciences, Room 305

This course provides a basic understanding of Japanese diplomacy since the Meiji Restoration and contemporary international relations.

1. History of Japanese foreign policy since the Meiji Restoration;
2. Japan and its role in Asian security cooperation;
3. History of international relations theory;
4. International security in the post-Cold War era; and
5. The United Nations and international organisations

6. Comp. Studies in Political Thought: Political Theory in Modern Europe

Co-ordinator: ISOBE Takashi
Class: Fridays, 14:45~16:15
Place: IRB Humanities & Social Sciences, Room 406

We will read textbooks and discuss them in this seminar.

7. Comp. Studies in Public Administration: Comp. Public Administration

Co-ordinator: USHIRO Fusao
Class: Mondays, 13:00~14:30
Place: IRB Humanities & Social Sciences, Room 406

The theme of this seminar is a comparative study of the relationship between governments and NPOs/NGOs in the developing countries. In the first half of the seminar, we will read a textbook about NPOs/NGOs in developing countries. In the second half, every student studies and reports

about the government-NPO/NGO relationship in his/her respective country.

8. International Human Rights Law II: Human Rights & Refugee Law

Co-ordinator: OBATA Kaoru
Class: Thursdays, 13:00~16:15
Place: IRB Humanities & Social Sciences, Room 406

In this seminar, we will select some current problems relating to International Human Rights and Refugee Laws as topics, and read relevant textbooks or articles. Participants should have a basic knowledge of international law in general and human rights law, as provided in the courses “Professional Studies in International Law” and “Professional Studies in International Human Rights Law I”

9. Professional Studies in International Law II: Int’l Economic Law

Co-ordinator: SABURI Haruo
Class: Thursdays, 16:30~18:00
Place: Graduate School of Languages & Cultures, Room 3

This course is an introduction to international economic law.

1. Principles of international economic law;
2. Legal framework of WTO

10. Special Lecture and Seminar III: Business Law and Practice

Co-ordinators: GOTO Osamu & ITO Kenji
Class: Tuesdays, 16:30~18:00
Place: IRB Humanities & Social Sciences, Room 310

This course provides students with exposure to actual legal practices of Japanese companies operating globally. Students learn about the organisation and challenges of in-house legal departments, legal practices including dispute resolution, dispute prevention, handling M&As and assisting various projects by way of lecture and discussions with regard to actual cases. The professors are general managers of the Legal Departments of Toyota Motor Corporation and Toyota Industries Corporation.

School of Letters

1. American Literature II (Late 20th Century Fiction)

Co-ordinator: Thomas GRUNDY
Class: Thursdays, 13:00~14:30
Place: School of Letters, Room 129

James Dickey’s *Deliverance*. We will be reading this late twentieth century novel within the context of American culture and ideas, including the inherited biblical ideas of deliverance and the Promised Land. Grades will be based on attendance, participation, and a final paper each semester.

2. An Overall Architecture of English II

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.

3. British Literature II (Blake for Undergraduates)

Co-ordinator: Thomas GRUNDY
Class: Fridays, 10:30~12:00
Place: School of Letters, Lecture Room 129

Visions of the Daughters of Albion, *America*, and few other selected shorter major poems, such as “Auguries of Innocence”. Although we will be examining Blake’s major ideas about art and life, we will also pay close attention to what has been called his “composite art”, that is, the relationship of his illuminations to his text. Grades will be based on attendance, participation, and either a final test or paper each semester.

4. Linguistics & Language Acquisition II

Co-ordinator: William J. HERLOFSKY
Class: Fridays, 10:30~12:00
Place: Communal Building for Humanities & Social Sciences, Room 2B

This class is designed to provide students with the opportunity to take a language-oriented course conducted in English. And so, there are two main objectives. One is to offer a class in which students will be able to study about linguistics, language acquisition and other related issues. The second objective is to provide students with the opportunity to take a content course in English. Students will have the opportunity to read and discuss language-related materials in English, to listen to others reading and discussing in English, as well as the opportunity to write answers to questions related to the material read and discussed.

Grades for this class will be determined by class attendance (coming to class), participation (thinking, talking, expressing opinions), short written tests and other assignments. Since short quizzes, as well as class attendance and class participation are important for determining the grade, there will be no need for a final test at the end of the semester. (Students should not forget that regular class attendance and participation are necessary for receiving a good grade.) Materials are to be distributed in class.

5. Myth & Archetype (Graduate Class)

Co-ordinator: Thomas GRUNDY
Class: Fridays, 13:00~14:30
Place: IRB Humanities & Social Sciences, Rooms 467

We will focus on developing a working understanding of major aspects of myth and archetypal criticism. Among our topics of interest will be mythopoetics, metapoetics, iconography, and symbolism in western poetry and art. We will focus our reading on major poetic texts and on critics writing within the very

large area of myth and archetypal criticism. I will prepare a list of primary and secondary readings for the class. There is no one text for the class. Grades will be based on attendance, participation, one oral report, and one written report.

6. The Bible as Literature II

Co-ordinator: Thomas GRUNDY
Class: Thursdays, 14:45~16:15
Place: School of Letters, Room 129

The second year of this class on the Bible as literature will also focus on the Hebrew Bible, or what Christians call The Old Testament. We will read *2 Samuel*, and *1 & 2 Kings*. I have designed this as a service course for the general university population, and it is desirable, although certainly not necessary, for the student to have attended the first year. This is not a religious class. We will be focusing on reading the Bible using myth and archetypal criticism, and looking also at ideological concerns. We will focus on how the narratives are constructed, paying particular attention to themes and motifs. Grades will be based on attendance and participation, and either a midterm and final exam, or a midterm exam and a final paper.

School of Medicine

1. Biostatistics

Co-ordinator: HAMAJIMA Nobuyuki
Class: Wednesdays, 8:50~10:20
Place: School of Medicine <Tsurumai Campus>, Medical Research Building – Annex, 4 Fl., YLP Seminar Room

Biostatistics provides us with very useful tools to describe and summarise phenomena observed in populations. Basic approaches are significance testing and inference. This course teaches how to apply both approaches for epidemiologic measurements. Survival analysis is also covered in this course. Multivariate analyses, such as the logistic model and proportional hazards model are explained. Calculation practices are scheduled, which help students to analyse data for their master theses.

Prerequisites: Students attending this course are also required to take *Epidemiology* (see above). No credits are available for this course.

2. Epidemiology

Co-ordinator: HAMAJIMA Nobuyuki
Class: Wednesdays, 10:30~12:00
Place: School of Medicine <Tsurumai Campus>, Medical Research Building – Annex, 4 Fl., YLP Seminar Room

This course comprises an introduction to epidemiology. Basic epidemiological concepts include measures of disease frequency and measures of association between factor and disease. Study designs in epidemiology, such as cross-sectional, case-control, cohort, and intervention studies are explained. Genetic epidemiology focusing on cancer susceptibility is also briefly introduced.

Prerequisites: Students attending this course are also required to take *Biostatistics* (see below). No credits are available for this course.

School of Science

Methods in Applied Mathematics

Co-ordinator: Yoshi KIMURA
Class: Fridays, 8:45~10:15 (starting on October 8th)
Place: School of Science Building 1 <Mathematics>, Room 509

This course is designed as one of the English courses which the Graduate School of Mathematics provides for the graduate and undergraduate students not only from foreign countries but also domestic students who have a strong intention to study abroad or to communicate with foreign scientists in English. All course activities including lectures, homework assignments, questions and consultations are conducted in English.

Topics to be covered:

The purpose of this course is two-fold. One is from the theoretical side, and I have chosen the study of linear operators in Hilbert spaces with applications particularly in quantum mechanics in mind. The other is from the computational side, and I have decided to lecture on the various aspects of nonlinear systems, such as bifurcations, chaos and fractals. My intention is to overlook basic methodology in applied mathematics by combining tools from theory and computer analysis.

There is, of course, a big gap between the above two methodologies and aspects. How to close the gap, I just do not know at the moment. The solution as well as how to manage the course largely depends on your mathematical backgrounds and experiences. No matter what they are, I would like to devise the combination and the presentation of the materials so that you can feel some mathematical or computational strengths in yourself after the course has finished. I would like to discuss how to manage the course with you on the first day of the lecture.

Prerequisites: Knowledge and experience in computer programming (with C or Fortran) are preferred, but no required. If you can make programmes for a given dynamical system or a partial differential equation, you will easily be able to grasp the reality of the relating theory. So, if you are not familiar with computer programming, you should think about taking this course as a way to get started.

NUPACE Office ECIS Nagoya University

Furo-cho Chikusa-ku Nagoya 464-8601 Japan