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**Nagoya University Programme for
Academic Exchange**

**Academic Policies & Syllabi
Autumn 08**

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NUPACE Academic Calendar & Policies – Autumn 2008

1. Calendar

Oct 1 ~ January 26	NUPACE (Japan area studies; majors) & regular university courses
Oct 14 ~ Feb 4	University-wide Japanese Language Programme (UWJLP)
Oct 14 ~ Feb 6	Advanced Studies in Japanese Language & Culture (ASJLC) I
Jan 27 ~ Feb 9	Examination period for regular university courses
Dec 24 ~ Jan 9	Winter vacation for NUPACE & regular university courses (NB. Substitute classes may be taught on Dec 24~26 and Jan 8~9)
Dec 22 ~ Jan 5	Winter vacation for ASJLC programme
Dec 24 ~ Jan 4	Winter vacation for UWJLP programme
Apr 13	Spring 2009 semester commences

National Holidays

(No classes will be held on the following days)

Oct 13	体育の日	(Health-Sports Day)
Nov 3	文化の日	(Culture Day)
Nov 24	振替休暇(労働感謝の日)	(Holiday in lieu of Labour Thanksgiving Day)
Dec 23	天皇誕生日	(Emperor's Birthday)
Jan 12	成人の日	(Coming-of-Age Day)
Feb 11	建国記念日	(National Foundation Day)
Mar 20	春分の日	(Vernal Equinox Day)

2. List of Courses Open to NUPACE Students

Japanese & Other Language Programmes		p 7
Standard Course in Japanese (7 Levels: SJ101~SJ301)	1~5 crdts	p 8
Intensive Course in Japanese (6 Levels: IJ111~IJ212)	2~10crdts	p 9
漢字<Kanji>1000	0 credits	p 10
オンライン日本語<Online Japanese>(中上級以上作文クラス)	0 credits	p 10
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 I (Global Society I)	2 credits	p 11
日本文化論 I (Introduction to Japanese Society & Culture I)	2 credits	p 11
日本語学・日本語教育学 I (Introduction to Japanese Linguistics I)	2 credits	p 12
言語学入門 I (Introduction to Linguistics I)	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 14
Introduction to Japanese History	2 credits	p 15
Issues in Japanese Society and Education	2 credits	p 16
Science & Technology in Japan	2 credits	p 17

Courses in the Student's Major

Education Centre for International Students

Advanced Studies in Japanese Language & Culture I	20 credits	p 18
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<u>School of Agricultural Sciences:</u>		
Introduction to Bioagricultural Sciences	2 credits	p 18
<u>School of Economics</u>		
Income Theory and Applications	2 credits	p 18
<u>School of Engineering:</u>		
Civil Engineering & Policies for Developing Countries II	2 credits	p 19
Introduction to Civil Engineering & Architecture	2 credits	p 20
Overview of Advanced Electrical, Electronic & Information Engineering	2 credits	p 20
<u>Graduate School of Environmental Studies</u>		
English Communication in Environmental Issues	2 credits	p 21
Planning and Design Studio for Historical Environment (2 nd quarter; Graduate)	2 credits	p 21
Politics, Culture and Diplomacy (Graduate)	2 credits	p 22
Seminar on Precipitation Climatology	2 credits	p 22
Studio Workshop of Architectural Design (1 st quarter; Graduate)	2 credits	p 23
Sustainability and Environmental Studies	2 credits	p 23
<u>Graduate School of International Development (GSID):</u>		
Gender and Development	2 credits	p 26
Japan's Development Experience	2 credits	p 26
Participatory Rural Industry Promotion	2 credits	p 27
<u>Graduate School of Languages & Cultures (GSLC):</u>		
Introductory Studies in Int'l Culture B: America: A "Multicultural" Hoax	2 credits	p 28
Introduction to Sociolinguistics B	2 credits	p 28
<u>School of Law</u>		
Politics & Law in Japan	2 credits	p 29
<u>Graduate School of Law Classes:</u>		
Comparative Studies in Administrative Law: Modern Administrative Law	2 credits	p 30
Comparative Studies in Political Thought: Political Theory in Modern Europe	2 credits	p 30
Comparative Studies in Politics II: Japanese Diplomacy & International Politics	2 credits	p 30
Professional Studies in International Economic Law II: Problems of the WTO Legal System (Graduate)	2 credits	p 31
Professional Studies in International Human Rights Law II: Seminar on Human Rights and Refugee Law	2 credits	p 31
Special Lecture and Seminar: International Negotiation	2 credits	p 31
Special Lecture and Seminar: Legal & Business Ethics in Developing Countries	2 credits	p 32
Special Lecture and Seminar: <i>Yomiuri Shimbun</i> Special Lecture – Comparative Asian Corporate Theory	2 credits	p 33
Special Lecture and Seminar III: Corporate Legal Practices	2 credits	p 35
<u>School of Letters:</u>		
Iconicity in Language and Literature	2 credits	p 36
Pragmatics & Sociolinguistics: Intro to Qualitative Sociolinguistic Methods	2 credits	p 36
日本語・日本文化入門 II (Introduction to Japanese Language & Culture II) <J>	2 credits	p 38
<u>Graduate School of Mathematics:</u>		
Methods in Applied Mathematics	2 credits	p 39
<u>School of Medicine:</u>		
Health Administration Seminar & Outline of Clinical Medicine	0 credits	p 39

3. Class Timetable: Japan Area & Intercultural Studies, Courses in the Student's Major, and 入門講義 <J>* (Introductory Courses)

Unless indicated otherwise, the following courses commence on Wednesday, October 1, 2008. Students should refer to the course descriptions in this pamphlet for details on course content and eligibility, and the enclosed floor maps for the locations of classrooms.

*<J> refers to courses taught in Japanese and which require at least level 2 of the Japanese Language Proficiency Test.

	Mon	Tue	Wed	Thu	Fri
I 08:45-10:15		Prof. Studies in International Economic Law II: Problems of the WTO Legal System (Law, Sem. Rm. 905)	Special Lect. & Sem: International Negotiation (IRB Humanities & Soc. Sc., Rms. 409-410)	Studio Workshop of Architectural Design <1 st quarter> (Eng. Bldg. 4, 2F, Graduate Student Studio) Planning & Design Studio for Historical Env. <2 nd quarter> (Eng. Bldg. 4, 2F, Graduate Student Studio) Participatory Rural Industry Promotion (GSID, Sem. Rm. 6) From Oct. 16	
II 10:30-12:00	Comp. Studies in Administrative Law: Modern Admin. Law (IRB Humanities & Soc. Sc., Rm. 407) Iconicity in Lang. & Literature (IRB Humanities & Soc. Sc., Rms. 308-309)	Introduction to Sociolinguistics B (Langs. & Cultures, 1F, Sem. Rm.)	Science & Technology in Japan (Eng. Bldg. 1 <New>, Rm. N121)	Income Theory & Applications (Economics, Sem. Rm. 5) Studio Workshop of Architectural Design <1 st quarter> (Eng. Bldg. 4, 2F, Graduate Student Studio) Planning & Design Studio for Historical Env. <2 nd quarter> (Eng. Bldg. 4, 2F, Graduate Student Studio)	Comp. Studies in Politics II: Japanese Diplomacy & Int'l Politics (Law, Sem. Rm. 905) Sustainability & Environmental Studies (Env. Studies, Lect. Hall 3)
III 13:00-14:30	国際関係論 I<J> (ECIS, Rm. 207E) From Oct. 20 Methods in Applied Mathematics I (Sc., Bldg. 1 <Maths>, Rm. 409) Seminar on Precipitation Climatology (Hydrospheric-Atmospheric Research Ctr., Lect. Rm. 301) From Oct. 20	Politics & Law in Japan (IRB Humanities & Soc. Sc., Rms. 409-410) Overview of Adv. Electrical, Electronic & Information Eng. (Eng. Bldg. 1, Rm. 132)	Japan's Development Experience (GSID, 8F, Auditorium) From Oct. 22 Civil Engineering & Policies for Developing Countries II (Eng Bldg. 8, Rm. 108) Advanced Quantum Chemistry (Science Bldg. B, Rm. B-116)	Int'l Culture B: America - A Multicultural Hoax? (Langs. & Cultures, 1 st Fl. Lounge) Prof. Studies in International Human Rights Law II: Seminar on Human Rights and Refugee Law (Law, Sem. Rm. 905) 日本文化論 I<J> (ECIS, Rm. 207E) From Oct. 16 Intercultural Communication (IB North Wing, 8F, Rm. 081)	Intro to Civil Eng. & Architecture (Eng. Bldg. 8, Rm. 210) Special Lect. & Sem: Legal & Business Ethics in Developing Countries (Law, Sem. Rm. 905) Pragmatics & Sociolinguistics (IRB Humanities & Soc. Sc., Rms.308-309) 言語学 I<J> (ECIS, Rm. 207E) From Oct. 17
IV 14:45-16:15	Politics, Culture, and Diplomacy (Info Sc., 1F, Lect. Rm. 4) 日本語学・日本語教育学 I<J> (ECIS, Rm. 207E) From Oct. 20	Introduction to Japanese History (ECIS, Rm. 207W) Gender and Development (GSID, Sem. Rm. 7) Overview of Adv. Electrical, Electronic & Information Eng. (Eng. Bldg. 1, Rm. 132)	Special Lect. & Sem: Yomiuri Shimbun Special Lect. - Comp. Asian Corporate Theory (Law, Sem. Rm. 905) 漢字 1000 (ECIS, Rm.201) From Oct. 15		Comp. Studies in Political Thought: Political Theory of Modern Europe (Law, Sem. Rm. 905) Intro to Civil Eng. & Architecture (Eng. Bldg. 8, Rm. 210)
V 16:30-18:00		Special Lect. & Sem. III: Corporate Legal Practices (IRB Humanities & Soc. Sc., Rm. 310) English Communication in Environmental Issues (Eng., Bldg. 9, Rm. 911) 日本語・日本文化入門 II<J> (Letters, Lect. Rm. 237)	Intro to Bioagricultural Sciences (Agric. Sc., Lect. Rm. 5)		Issues in Japanese Society & Education (ECIS, Rm. 207W)

4. Other Courses/その他の授業

Students participating in NUPACE may be eligible to register for other courses offered to degree-seeking students at Nagoya University. Prior to registration, however, students are requested to consult their academic advisors (p. 42) and confirm with the instructor(s) of the course(s) in question that they meet the academic and language requirements of the class. Where students obtain such approval and decide to register for the course, they should pick up a 'NUPACE Student Course Admission Request Form' at the NUPACE Office, and submit it to the relevant instructor.

Pre-requisites and Restrictions Regarding Registration for Other Courses:

1. Unless specified otherwise, students must have obtained level one of the Japanese Language Proficiency Test. (Foreign language courses are exempted from this requirement.)
2. Students may not register for any sport/physical exercise courses.
3. Students may not take more than two foreign language courses per semester. (Japanese is not included in this requirement.)

Guided Independent Study

In their second semester of study at Nagoya University, NUPACE students can 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. The maximum number of credits awarded for GIS is set at eight, and a rough guide to the expected length of GIS reports and corresponding credits is as follows:

10 pages → 2 credits 30 pages → 6 credits
20 pages → 4 credits 40 pages → 8 credits

When discussing GIS with your academic advisor, please ask him/her to refer to pp. 17~18 of the following manual for more details: 『指導教員・留学生担当者のための短期留学生受け入れマニュアル』.

NUPACE に参加する学生は、名古屋大学の正規学生を対象に開講されている授業を履修することができます。しかし事前に指導教員(42 ページ)と相談し、同意を得る必要があります。また、その授業に必要な言語やバックグラウンド等の条件を満たしているかについて、その授業の担当教員に判断してもらい、受講の許可を得る必要があります。許可を得たうえで履修することを決定した場合、「履修登録・成績評価に関するお願い」を NUPACE オフィスで受け取り、授業担当教員へ提出してください。

NUPACE で提供される授業以外のコースを登録するための条件と制限

1. 特に明記されていない限り、日本語能力検定試験の 1 級に合格していなければいけません。(外国語の授業については、この条件は免除されます。)
2. スポーツあるいは運動の授業を履修することはできません。
3. 日本語の授業を除き、一学期に二つ以上の外国語の授業を履修することはできません。

GIS(個人勉学指導)

名古屋大学での勉学が 二学期目に入ると、GIS(個人勉学指導)制度を活用することができます。指導教員に相談し許可を得た場合には、自らの専門領域に関する調査研究を指導教官の協力を得て実施することができます。研究成果は指導教員によって評価され、その評価に従って単位が与えられます。GISでは最大 8 単位まで取得することが認められています。GISの単位数は成果報告のおおよその分量によって、下記のように規定されています。

10 ページ→2 単位 30 ページ→6 単位
20 ページ→4 単位 40 ページ→8 単位

指導教員と GIS について相談をする際には、『指導教員・留学生担当者のための短期留学生受け入れマニュアル』の 17-18 ページを参照するようお願いをしてください。

5. Grading System

Credit-seeking Students:

With the exception of ‘Special Research Students’, NUPACE students are required to register for a minimum of 15 credit hours per semester, or a total of 30 credit hours per academic year. 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 two academic transcripts, one of 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 will be given using a modified form of the UCTS (UMAP Credit Transfer Scheme). Hereby, NUPACE students will earn two sets of grades in courses taken for credit: Grades based on Nagoya University’s system, and their equivalent on the UCTS scale.

NUPACE Grading System		UCTS Equivalent Scale
A* (Excellent)	90~100	A (Excellent)
A (Very Good)	80~89	B (Very Good)
B (Good)	70~79	C (Good)
C (Satisfactory)	60~69	D (Satisfactory)
F (Fail)	0~59	F (Fail)
Au (Audit)	N/A	N/A

(Nagoya University will not adopt the grades E and Fx, as employed by the UCTS grading system)

Students who select ‘grade’ status for any subject 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. However, 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.

単位取得希望学生:

「特別研究学生」を除いて、すべてのNUPACE生は一学期に最低 15 単位以上、あるいは二学期間(1年間)で30 単位以上を取得しなければなりません。この履修単位の条件を満たせなかった場合、交換留学期間の終了時に「修了証 (Certificate of Completion)」が授与されません。

すべての NUPACE 生には成績証明書が二通発行され、そのうち一通は所属大学へ直接郵送されます。成績証明書には履修した授業の科目名、履修時間数、単位数、成績(ABC)、スコア(%)が表示されます。達成度を示す成績は UCTS(アジア太平洋大学交流機構単位評価方式)を適用したものを使用しています。したがってNUPACE生は名古屋大学の評価方式によるものと、それを UCTS の尺度に合わせた評価の二種類の表記で成績を得ることになります。

授業科目を「grade」として履修登録をした場合は、80%以上の出席率が求められます。欠席理由に情状酌量の余地がないケースは、出席率の条件を満たさなかったとみなされ、その授業の成績は「F」となります。

また NUPACE 生は授業を聴講科目として受講することが可能です。聴講は単位取得に求められる条件を満たす必要はありませんが、履修登録用紙や成績表に聴講した記録が記載されます。しかし授業に出席し、講義や授業のための準備を充分に行うことが要求されます。試験やレポートの提出などは求められませんが、出席率が 80% 以下の場合、その科目を聴講したという記録が成績証明書に記載されません。

Students who wish to change the grading status of a course from 'grade' to 'audit', or who wish to 'drop' a class, should notify the NUPACE Office by **Friday, 28 November 2008**. Requests for amendments to course registration details after this date will not be accepted.

Students engaging in Research or Guided Independent Study:

'Special Research Students' and students who engage in 'Guided Independent Study (GIS)' are required to provide the NUPACE Office with the results of their research work at the end of their period of exchange. Research work presented to the NUPACE Office must have the stamp of the student's academic advisor on the title page.

When discussing research or GIS with your academic advisor, please ask him/her to refer to p. 19 (research) or pp. 17~18 (GIS) of the following manual for more details: 『指導教員・しどうきょういん留学生担当者りゅうがくせいたんとうしやのための短期留学生受入れたんきりゅうがくせいうけいれマニュアルまにゅある』.

授業の履修状況を「grade」から「audit」へ変更する場合、あるいはその授業の履修を止める際には、**2008年11月28日(金)**までに必ずNUPACE オフィスに報告しなければいけません。

研究あるいは GIS(個人勉学指導)を行う学生:

「特別研究学生」と GIS(個人勉学指導)を行う学生は、交換留学が修了する前に研究成果の報告書を NUPACE オフィスへ提出しなければいけません。また報告書の表紙には指導教員の印が捺印されていないとなりません。

調査研究や GIS に関して指導教員と相談する際は、『指導教員・留学生担当者のための短期留学生受入れマニュアル』の 19 ページ(調査研究)あるいは 17-18 ページ(GIS)を参照するようにお願いをしてください。

University-wide Japanese Language Programme

Co-ordinator: KINUGAWA Takao

Place: Education Centre 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 seven levels ranging from Elementary Japanese I to Advanced Japanese, and students attend one class a day for up to five days a week. The *Intensive Course* has six levels from Elementary Japanese I to Intermediate Japanese II with students attending two classes a day for up to five days a week. The programme offers flexibility and choice, and places priority on meeting the various academic needs of students. Please note that students with previous Japanese language experience will be required to sit a placement test and 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 1000' and 'Online Japanese' classes to further hone their Japanese language skills

1. Description of Levels

1. Elementary Japanese I

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

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

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.

Courses in Japanese & Other Languages

Textbook:

Materials compiled and edited by ECIS, Nagoya University

4. Intermediate Japanese I

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

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

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

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:

Materials compiled and edited by ECIS, Nagoya University.

2. Course Structure

I. Standard Course in Japanese

1. Elementary Japanese (5 credits; 10 hours per week x 14 weeks)

Two comprehensive classes, Elementary Japanese I and Elementary Japanese II, encompassing all four skill areas, are offered at this level.

Courses in Japanese & Other Languages

NB. Students wishing to attend conversation classes at the pre-intermediate~intermediate I level (IJ211) must register for both C1 and C2.

3. 漢字<Kanji>1000

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. オンライン日本語<Online Japanese>(中上級以上作文クラス)

日本語の授業に出席することが時間の関係などで難しい留学生のために、Web 上で教材を配布し、学習者からの解答に対しフィードバックを返すというものです。受講者は学内LANで、日本語入力可能なものに限り、登録者にはパスワードを発行するので、詳しくは留学生センターホームページをご参照ください。プレイメントテストは不要です。

登録する人は g44420a@cc.nagoya-u.ac.jp にメールしてください。パスワードを発行します。

Graduate School of Languages & Cultures (GSLC)

The Graduate School of Languages and Cultures offers a variety of language courses (Chinese, English, French, German, Classical Greek, Italian, Korean, Latin, Portuguese, Russian, Spanish), which are, for the most part, open to NUPACE students. Students who are interested in taking any of these courses can enquire about the class content and time-table at the Office of the Graduate School of Languages and Cultures, NUPACE Student Helpdesk (ECIS Lobby), or NUPACE Office.

Course Registration – English

Registration Period: Wed, Sep 24 ~ Thu, Sep 25 at 09:00~12:00 and 13:00~17:00

Class Placement: Notice-board <university-wide courses>, 1F, Inter-departmental Education Bldg (School of Informatics & Sciences), 9:00 on Mon, Sep 29.

Course Registration – Other Languages

Pick up a blue course registration card at the Graduate School of Languages & Cultures (GSLC) counter (Office, 1F, IRB Humanities & Social Sciences) between Wed, Oct 1 and Tue., Oct 14. 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 on the first day of class. If you are deemed eligible to participate in the course, submit another section of the registration form, labelled 'For Office Use', to the GSLC counter by 17:00 on Wed, Oct 15.

NB. English language classes commence on Wed, Oct 1, 2008. Classes in languages other than English commence in the second week of the semester (i.e., in the week starting on Wed, Oct 8).

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 I (Global Society I)

Co-ordinator: AKIYAMA Yutaka
Class: Mondays, 13:00~14:30
Place: Education Centre for International Students (ECIS), Rm. 207E

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
 - 1-1 グローバル・キャピタル
 - 1-2 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

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

Co-ordinator: UKIBA Masachika
Class: Thursdays, 13:00~14:30
Place: Education Centre for International Students (ECIS), Rm. 207E

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) ありません。「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事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えます。

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。

Courses in Japanese & Other Languages

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. 田舎に行ってみよう:貴方の知らない日本の素顔

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%

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

Co-ordinator:	LEE Tack Ung
Class:	Mondays, 14:45~16:15
Place:	Education Centre for International Students (ECIS), Rm. 207E

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。

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、誤用分析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(あるいは言語学者)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:

1. 日本語学(前半)
 - (1) 品詞
 - (2) 活用
 - (3) 格助詞
 - (4) ヴォイス
 - (5) 人称
2. 日本語教育学(後半)
 - (1) コース・デザインと教材の紹介
 - (2) 誤用分析

Reference Materials:

ハンドアウト配布

Evaluation:

1. 出席・授業態度 40%
2. テスト 60%

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

Co-ordinator:	MOMIYAMA Yosuke
Class:	Fridays, 13:00~14:30
Place:	Education Centre for International Students (ECIS), Rm. 207E

Courses in Japanese & Other Languages

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の違い
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: 認知意味論 (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『認知意味論のしくみ』研究社
(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-ordinators: TAKAKI Hitomi
Class: Thursdays, 13:00~14:30
Place: IB Building North Wing, 8th Floor, Room 081
Class Capacity: 40 students (20 NUPACE students and 20 Nagoya University students)

This course introduces the basics of intercultural communication and aims to enhance students' cultural awareness and understanding of how cultural patterns and communication styles affect human interaction in different ways. In class, international students and Japanese students will be given the opportunity to explore the diversity of values, norms, and attitudes existing amongst themselves. Students will be also guided to develop their cultural sensitivities and to create better communication and understanding with each other. No previous knowledge is required. Lectures, group discussions, and group presentations are designed to provide students with insight and skills for building on their intercultural competence.

Course Objectives:

1. To understand the complex components of culture and recognise the factors, values, and norms that affect intercultural encounters, communication and relationships.
2. To understand one's own and others' cultures for deepening cultural sensitivity.
3. To comprehend various patterns of communication styles for developing effective communication and understanding.
4. To build on skills and an open mind-set to differences through experiential learning.

Note:

In order to conduct activities and group work effectively, the class capacity is limited to 40 students. Please ensure that you attend the first class on Thursday, October 2, 2008. If the number of students exceeds the stipulated class size, the course co-ordinator will advise students on registration policy.

Topics to be covered:

1. Building Multicultural Teams
2. Cross-cultural Adjustment
3. Cultural and Self-Identity
4. Value Orientations
5. Communication Styles
6. Japanese Cultural Characteristics
7. Intercultural Competency

Readings:

Handouts and reading materials will be provided for each class.

Reference Materials:

- Milton Bennett (1998). *Basic Concepts of Intercultural Communication: Selected Readings*. Intercultural Press.
Stella Ting-Toomey (1999). *Communicating Across Cultures*. The Guilford Press.
Judith N. Martin, Thomas K. Nakayama (2004). *Intercultural Communication in Contexts*. McGraw-Hill.
R. Michael Paige, Andrew D. Cohen, Barbara Kappler, Julie C. Chi, James P. Lassegard (2002). *Maximizing Study Abroad*. Center for Advanced Research on Language Acquisition, University of Minnesota.
R. Michael Paige (1993). *Education for the Intercultural Experience*. Intercultural Press.

Evaluation:

Class Participation/Reflection Papers: 30%
Group Presentation: 30%

Japan Area Studies & Intercultural Studies

Term Papers:

20% x 2

2. Introduction to Japanese History

Co-ordinator: Claudia ISHIKAWA
Class: Tuesdays, 14:45~16:15
Place: Education Centre for International Students, Room 207W

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 (1868). 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 Mod. Japan	Sixteenth Century Japan (pp 173-189)
Dec 16*		Tokugawa Administration (pp 190-219)
Dec 23		No Class
Jan 13		Society & Culture in Early Modern Japan (pp 220-253)
Jan 20*		The Coming of the West (Beasley: pp. 188~209)

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 2,000~3,000 words, exclusive of bibliography and footnotes. The essay may cover any aspect of Archaic, Ancient, Medieval or Early Modern Japan (submission deadline: Tuesday, January 27, 2000). 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)

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- Bowring R., P. Kornicki (eds.), *The Cambridge Encyclopedia of Japan*, Cambridge University Press (1993)
- Cullen, L. M., *A History of Japan, 1582~1941: Internal and External Worlds*, Cambridge University Press (2003)
- Gordon, Andrew, *A Modern History of Japan: From Tokugawa Times to the Present*, Oxford University Press (2003)
- Ishii Ryosuke, *A History of Political Institutions in Japan*, University of Tokyo Press (1972)
- Jansen, Marius, B., *The Making of Modern Japan*, The Belknap Press of Harvard University Press (2002)
- Steenstrup, Carl, *A History of Law in Japan until 1868*, E. J. Brill (1996)
- Totman, Conrad, *A History of Japan*, Blackwell Publishers (2000)
- Tsutsui, William, *A Companion to Japanese History*, Blackwell Publishing (2007)
- 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)
- 『日本史図説 3 訂版』東京書籍, 1997 年

Handouts prepared by the class instructor

Useful Websites:

- Rekishi Sites: <http://www.lib.duke.edu/ias/eac/histwww.htm>
- Links to Japanese History Sites: <http://ic.ucsc.edu/~naso/bist159a/links.htm>
- Japanese History on the Web: <http://web.uccs.edu/~history/index/japan.htm#general>
- Stanford Japan Guide: <http://jguide.stanford.edu/>
- Historywiz: <http://www.historywiz.com/japan.htm>

Evaluation:

Attendance & Participation	10%
Group Presentation	25%
Quizzes x 5	25%
Essay	40%

3. Issues in Japanese Society and Education

Co-ordinator: Michelle HENAULT-MORRONE
Class: Fridays, 16:30~18:00
Place: Education Center for International Students, Room 207W

This course begins with an overview of Japanese education with particular emphasis on social development influencing education from the postwar period to the present time. It is hoped that an examination of certain patterns that occur in Japanese society will shed light on issues of concern in the current educational milieu, especially in regards to issues of multiculturalism in education

Topics to be covered:

Assigned readings relating to the discussion topics are to be read prior to class. Movies/documentaries provide supplemental materials in order to enrich the student's understanding of the subject of analysis.

Topics to be discussed include:

1. Introduction
2. Theory of *Amae*
3. Early education – Skinship
4. Preschool – Preparation for life
5. Preschool in three cultures
6. Elementary education – Initiation
7. Dropouts and bullying
8. Social misfits
9. Alternative education in Japan?

Japan Area Studies & Intercultural Studies

10. Gender issues
11. Presentation preparation
12. Presentation preparation
13. Presentations
14. Presentations
15. Individual reports due

Reference Materials:

Copies prepared by instructor

Evaluation:

Participation and attendance	30%
Assignments	30%
Final presentation	40%

4. Science & Technology in Japan

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

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

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, focusing, in particular, on the following areas (R. Sasai, A. Kasai):

1. History of rotor dynamics in Japan and the world
2. Vibrations and accident in rotor system
3. Crack rotor and diagnostics
4. Vibration control in rotor system
5. Introduction to bridges
6. History of steel bridges in Japan
7. Introduction to seismic design for steel bridge piers in Japan
8. Future topics concerning bridges in Japan
9. Development of eco-friendly system of resource recovery from wastewater
10. Development of environmental clean-up materials based on eco-material 'clay'
11. Emitting materials: Nanostructure control through hybridisation among functional organic and inorganic nanounits
12. Development of green process for resource recovery or environmental clean-up based on the nature mimetic mechanism
13. Other topics to be announced

Evaluation:

Attendance & Participation	50%
Written Reports	50%

Courses in the Student's Major

Advanced Studies in Japanese Language & Culture I

Co-ordinator: MOMIYAMA Yosuke
Place: Education Center for International Students.

School of Agricultural Sciences

Introduction to Bioagricultural Sciences

Co-ordinator: MURASE Jun
Class: Wednesdays, 16:30~18:00
Place: School of Agricultural Sciences, Lecture Room 5

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. All lectures are given in English.

Topics to be covered:

- | | |
|------------------------------------------------|-----------------------|
| 1. Introduction | (MURASE Jun) |
| 2. Ecology of irrigated Rice Fields I | (MURASE Jun) |
| 3. Ecology of Irrigated Rice Fields II | (MURASE Jun) |
| 4. International Co-operation | (MATSUMOTO Tetsuo) |
| 5. Basic Reproductive Endocrinology I | (MAEDA Kei-ichiro) |
| 6. Basic Reproductive Endocrinology II | (MAEDA Kei-ichiro) |
| 7. Molecular Insect Sciences | (YAGINUMA Toshinobu) |
| 8. Genetically Modified Crops I | (TANIGUCHI Mitsutaka) |
| 9. Genetically Modified Crops II | (TANIGUCHI Mitsutaka) |
| 10. Enzyme Engineering I | (IWASAKI Yugo) |
| 11. Enzyme Engineering II | (IWASAKI Yugo) |
| 12. Current Trends in Crop Production in Japan | (YAMAUCHI Akira) |
| 13. Remarks | (MURASE Jun) |

Evaluation:

Evaluation is based on attendance and written reports.

School of Economics

Income Theory and Applications

Co-ordinator: ARAYAMA Yuko (Office Hours: Wed/Thu, 8:30~9:00)
Class: Thursdays, 10:30~12:00
Place: School of Economics, Seminar Room 5

A simple economy consists of households, firms and government. Market is manmade device to connect them each other. Income theory has been serving as a tool to analyze the determination of national income and the reasons for its fluctuation. This course is intending not only to promote understanding core of income theory but to enhance a sense of practical applications of income theory toward the real world.

Topics to be covered:

Courses in the Student's Major

1. Introduction (1): Thinking about Macroeconomics
2. Introduction (2): National-Income Accounting
3. Economic Growth (1): Solow Model
4. Economic Growth (2): Long-Run Economic Growth
5. Economic Fluctuations (1): Markets in Macroeconomics
6. Economic Fluctuations (2): Consumption, Saving and Investment
7. Economic Fluctuations (3): Business Cycle Model
8. Money and Prices (1): The Demand for Money
9. Money and Prices (2): Inflation, Money Growth and Interest Rates
10. The Government Sector (1): Government Expenditure
11. The Government Sector (2): Tax and Public Debt
12. Money and Business Cycles (1): The Price-Misperception Model
13. Money and Business Cycles (2): Sticky Prices and Nominal Wage Rates
14. International Macroeconomics (1): World Markets in Goods and Credit
15. International Macroeconomics (2): Exchange Rates

Textbook/Reference Materials:

Robert J. Barro, *Macroeconomics: A Modern Approach* <Textbook>

N. Gregory Mankiw, *MacroEconomics*, 4th Ed.

Jack Hirshleifer et al, *Price Theory and Applications*, 7th Ed.

Evaluation:

Mid-term examination and term paper.

School of Engineering

1. Civil Engineering and Policies for Developing Countries II

Co-ordinator: KAWASAKI Koji (Eng. Bldg. 8, Rm. 8-419; ext. 4632)

Class: Wednesdays, 13:00~14:30 (~16:15)

Place: School of Engineering, Building 8, Room 108

NB. This course is only open to students specialising in civil engineering. An orientation, at which a detailed course schedule will be distributed, is to be held on Wednesday, October 1st, 2008.

The objectives of this course are (1) to acquire a fundamental knowledge of planning, design, construction and infrastructure maintenance in Japan, as well as in developing countries; (2) to survey various issues in civil engineering, including environmental problems and the recent development of regional disaster mitigation activities.

Topics to be covered:

1. Introduction to disaster risk assessment
2. Water resources and river basin management
3. Coastal zone management
4. Infrastructure development under aid programmes
5. Infrastructure projects in developing countries

Evaluation:

Students will be evaluated on attendance and written reports.

Courses in the Student's Major

2. Introduction to Civil Engineering & Architecture

Co-ordinator: TSUJIMOTO Tetsuro (Room 9-201; 789-4625)
Class: Fridays, 13:00~16:15 (Lessons will be held two to three times a month)
Place: School of Engineering, Building 8, Room 210

NB. An orientation for this course, at which a detailed course schedule will be distributed, will be held on October 3rd, 2008.

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:

Oct 3 Orientation (Assoc. Prof. Y. Toda)
Oct 24 Site-visit 1: Nagoya City Hall (Main Building) and old downtown (Assoc. Prof. Y. Nishizawa)
Oct 31 Site-visit 2: The Cultural Path of Nagoya (Assoc. Prof. Y. Nishizawa)
Nov 7 Site-visit 3: Highway Traffic Control Center and Kawashima Highway Oasis (Central Nippon Expressway Co., Ltd.)
Nov 21 Site-visit 4: Construction sites of Nagoya 2nd Circle Line (Central Nippon Expressway Co., Ltd.)
Dec 12 Site-visit 5: Nagoya University Disaster Mitigation & Management Office (http://www.seis.nagoya-u.ac.jp/taisaku/) (Assoc. Prof. J. Tobita)
Dec 19 Lecture 1: Social infrastructure and civil engineering (1) (Mr. M. Hirano <Nishimatsu Construction Co., Ltd.>)
Jan 16 Lecture 2: Social infrastructure and civil engineering (2) (Mr. M. Hirano <Nishimatsu Construction Co., Ltd.>)

Evaluation:

Students will be evaluated on attendance and written reports.

3. Overview of Advanced Electrical, Electronic & Information Engineering

Co-ordinator: KAWAGUCHI Nobuo
Class: Tuesdays, 13:00~14:30 (14:45~16:15 on Nov 25; 13:00~17:30 during plant visits)
Place: School of Engineering, Building 1, Room 132

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 arranged according to the fields of electric power systems, information devices and information engineering.

Topics to be covered:

Oct 7 Orientation and Introduction of Topics (Assoc. Prof. Nobuo KAWAGUCHI)
Oct 14 TBA
Oct 21 Embedded Systems and Low Power Processors (Prof. Toshio SHIMADA)
Oct 28 Plant Visit producing "Programmable Controllers and Inverters" (Mr. Masami IMAI, Mitsubishi Electric Co.)
Nov 4 TBA
Nov 11 TBA
Nov 18 Recent Advances in Broadband Network Technologies (Prof. Ken-ichi SATO)
Nov 25 Advanced Research and Development of Electric Power System (Prof. Fumihiro ENDO)

Courses in the Student's Major

- Dec 2 Plant Visit to CHUBU Electric Power Co. Inc.
(Mr. Hiroshi IMAGAWA, Chubu Electric Power Col. Inc.)
- Dec 9 High-Speed Superconductive Electronics (Prof. Akira FUJIMAKI)
- Dec 16 TBA
- Jan 13 Advanced Electron Microscopy: Atomic resolution imaging and electron holography
(Prof. Takayoshi TANJI)
- Jan 20 Plant Visit to Japan Fine Ceramics Centre (Prof. Tsukasa HIRAYAMA, NU and JFCC)

Evaluation:

Written reports after each lecture and plant visit.

Graduate School of Environmental Studies

1. English Communication in Environmental Issues (2111011)

- Co-ordinators: ICHIKAWA Yasuaki (yichikawa@nagoya-u.jp/Env. Bldg., Rm. 507/ext. 3829)
TAGAWA Hiroshi (tagawa@genv.nagoya-u.ac.jp/Eng. Bldg. 9, Rm. 432/
ext. 3766)
- Class: Tuesdays, 16:30~18:00
- Place: School of Engineering, Building 9, Lecture Room 911.

NB. This course is open to all NUPACE students.

The aim of this class is not only to study urban environmental issues, but also to hone one's English communication and presentation skills. Students will be expected to compile data on relevant themes and to prepare reports, which are to be presented to and discussed with other class members in English.

Evaluation:

Style and content of presentation, as well as contribution to class discussions.

2. Planning and Design Studio for Historical Environment

- Co-ordinator: NISHIZAWA Yasuhiko
- Class: Thursdays, 9:00~12:00 (2nd Quarter: 13 November 2008~15 January 2009)
- Place: School of Engineering, Building 4, 2nd Fl., Graduate Student Studio
- Class Capacity: Maximum of 2 NUPACE students

NB. This is an advanced studio workshop for graduate students with experience of architectural or urban design studios.

This design studio aims to teach design theory, methods of preservation of historical heritages, and urban planning in historical districts.

Topics to be covered:

- Nov 13 Explanation of works and introductory lecture
- Nov 14 (p.m.) Research on the site and historical heritage of the work
- Nov 20 First esquisse checking concept and outline of planning
- Nov 27 Second esquisse checking concept and outline of planning
- Dec 4 Third esquisse checking plan, section and façade of buildings or townscape
- Dec 11 First review of works
- Dec 18 Fourth esquisse checking changing works, complying with first review
- Jan 15 Final review of works

Evaluation:

Courses in the Student's Major

Presentation of work in final review: 100%

3. Politics, Culture and Diplomacy

Co-ordinator: IGUCHI Haruo (iguchi@info.human.nagoya-u.ac.jp)
Class: Mondays, 14:45~16:15
Place: Graduate School of Information Science, 1F, Lecture Room 4.

NB. This course is only open to graduate students.

This course will focus on the history of American foreign relations since World War II. Lectures will generally be conducted to address major aspects of American involvement in the world from the late 1930s to the present. I plan to cover each decade starting with the 1940s, with lectures on each decade tending to span two weeks. I plan to talk about the present U.S. foreign relations from a historical perspective in the last lecture. During the lectures, I will point out the contemporary relevance of past events in examining the foreign relations of the United States.

Topics to be covered:

During the first classroom session, I plan to hand out or present a more detailed syllabus.

Week 1	Introduction
Week 2	1890s to 1930s
Weeks 3-4	1940s
Weeks 5-6	1950s
Week 7	1960s
Week 8	1970s
Weeks 9-15	1980s to the Present

Reference Materials:

The following books are scheduled to be used as textbooks:

Gaddis, John Lewis. *Surprise, Security, and the American Experience* (The Joanna Jackson Goldman Memorial Lectures on American Civilization and Government), Harvard University Press, 2005.
Schulzinger, Robert D. *U.S. Diplomacy since 1900*, Oxford University Press, 2001.

Evaluation:

Grades will be based on active participation in class and a written exam at the end of the semester; details regarding these issues will be discussed during the first classroom session.

4. Seminar on Precipitation Climatology

Coordinator: NAKAMURA Kenji
Class: Mondays, 13:00~14:30
Place: Lecture Room 301, Hydrospheric-Atmospheric Research Centre
Class capacity: 10 Students

NB. This class commences on October 20, 2008.

This semester, papers on the precipitation climatology will be read by participants. Participants will review the papers discuss the content of the paper, in turn. The discussion will include not only the scientific issues but also societal issues. The knowledge of the foreign students on the climate, culture, society, etc. of their home countries will help the discussion, particularly, on the societal issues.

5. Studio Workshop of Architectural Design

Co-ordinator: KATAGI Atsushi

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Class: Thursdays, 8:45~12:00 (1st Quarter: ~6 November 2008)
Place: School of Engineering, Building 4, 2nd Fl., Graduate Student Studio

NB. This is an advanced studio workshop for graduate students enrolled in architectural courses. Students with no experience of architectural studio workshops will not be admitted.

Studio workshop of an architectural project under a given site and program, that aims to develop the student's skills in analysis, design and presentation. Projects may include the design of a facility related to a certain urban infrastructure or a proposal to a design competition that is open to architectural students.

Evaluation:

Presentation of work evaluated by jury: 100%

6. Sustainability and Environmental Studies (000043)

Co-ordinator: HIROSE Yukio (hirose@lit.nagoya-u.ac.jp)
Class: Fridays, 10:30~12:00
Place: Graduate School of Environmental Studies, Lecture Hall 3

NB. This course is open to all NUPACE students.

What must we do to achieve a sustainable society? In order to solve complex environmental problems, it is necessary for us to develop a 'sustainability perspective'. The goal of this course is to develop a deeper understanding of sustainability by examining various topics in terms of sustainability from the viewpoint of environmental studies. In the course, the following topics will be covered: Sustainable city and urban planning, sustainable transport systems, citizen participation, population and society, environmentally friendly and sustainable building, sustainable land use, production and consumption of chemical products, global environmental change monitoring.

This course takes an 'omnibus' form, whereby each class is taught by a different instructor. If you have any questions, please contact the course-co-ordinator.

Topics to be covered:

1. 10/3 Yukiko HIROSE (広瀬幸雄<hirose@lit.nagoya-u.ac.jp>): Citizen participation in environmental planning (環境計画と市民参加)

Although many citizens as well as experts have come to think that public involvement is essential for the implementation of sustainable environmental plans, we are currently in the trial and error stage of developing participatory methods. In order to improve such methods we should understand 1) how citizens evaluate participatory projects introduced by their administration, and 2) which factors are the main determinants of their acceptance.

2. 10/10 Yasushi YAMAGUCHI (山口 靖<yasushi@nagoya-u.ac.jp>): Global change monitoring by remote sensing (リモートセンシングによる地球環境変動モニタリング)

It is important to know the current status of global changes with sufficient accuracy and spatial coverage. Remote sensing is a non-contact data acquisition method using electromagnetic radiation, and is a powerful tool to monitor and detect a variety of regional to global environmental changes such as deforestation, desertification, and land-use change. This lecture focuses monitoring of terrestrial vegetation that is an important element in the global scale carbon cycle.

3. 10/17 Hiroshi KANZAWA (神沢 博<kanzawa@nagoya-u.ac.jp >): Current scientific understanding of global warming (地球温暖化に関する科学的理解の現状)

The present status of scientific understanding of global warming, i.e., climate change with global mean surface air temperature rise induced by anthropogenic greenhouse gas emission, is reviewed. Topics include the basic physical mechanism of greenhouse effect, some feedback mechanisms, and 20th

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century climate reproduction by climate models of atmosphere-ocean general circulation model (AOGCM) for detection and attribution of anthropogenic climate change.

4. 10/24 Takeshi NAKATSUKA (中塚 武) : Sustainability of fishery resources in the north-western Pacific and its linkage to global warming and land use change in Northeast Asia. (北西太平洋における水産資源の持続可能性と地球温暖化および北東アジアの土地利用変化との関係)

We recently found that biological productivity in north-western Pacific, especially the Oyashio region (the most important area for Japanese fishery), is widely sustained by the long-range transport of dissolved and particulate "iron" from the Amur River watershed to the Pacific Ocean through the Sea of Okhotsk. Because this novel land-ocean linkage is supported by the existence of wide wetlands around Amur River as "iron source" and the sea-ice driven circulation of the Okhotsk Sea Intermediate Water as "iron transporter", land use change and regional warming in Northeast China and Far East Russia may severely influence the fishery resources in Northeast Japan. The natural background of this system and its social implications will be discussed.

5. 10/31 Kenji KAI (甲斐憲次<kai@info.human.nagoya-u.ac.jp>): Kosa and Desertification(黄砂と砂漠化)

Remarkable Kosa (i.e., yellow sand) phenomena were observed in the eastern part of the Asian Continent during 2000-2002. The Kosa not only causes serious health and transportation hazards in China and Korea, but also has an effect on the climate in East Asia. A lecture will be given on the occurrence and mechanism of the Kosa, using the observations in the Taklimakan and Gobi deserts. The relation between the Kosa and the desertification in the interior of the Asian Continent will be discussed.

6. 11/7 Helmut WEIDNER (Visiting Professor from Wissenschaftszentrum Berlin fuer Sozial Forschung): Comparative environmental policy

This lecture provides comparative environmental policy, including the social and economic background of environmental problems, environmental policies and measures, material/waste management, international climate policy, etc., in developed countries such as Japan, Germany/EU, USA.

7. 11/14 Haruo IGUCHI (井口 治夫<Iguchi64@aol.com>): The Bush Administration from a Historical Perspective: Diplomacy and the International Environment (ブッシュ政権の外交と国際環境)

This lecture focuses on the major characteristics of U.S. foreign relations during the Bush Administration, including its dealings with environmental issues. The talk will be given from a historical perspective and will compare the behaviour of the Bush administration in American diplomacy with past American administrations.

8. 11/21 Akito MURAYAMA (村山 颯人<murayama@corot.nuac.nagoya-u.ac.jp>): Sustainable Urban Form (持続可能な都市の形態)

Planners and urban designers are responsible for creating urban form that provides a high quality of life, economic vitality and social equity in an ecologically-friendly manner. This lecture, after reviewing the concept of sustainability and the theory of sustainable urban form, introduces actual urban form issues, interconnected elements for sustainable urban regeneration and examples of practices around the world. Some keys to planning for sustainable urban form are pointed out in the conclusion.

9. 11/28 Takayuki MORIKAWA (森川高行<morikawa@civil.nagoya-u.ac.jp>): Sustainable Transport Systems (交通の持続可能性)

As we can see from the fact that the transport sector consumes 40% of oil and emits 20% of CO₂, the transport system is one of the key factors for sustainability. In this lecture, environmental issues of motorisation and how we may obtain a sustainable transport system are discussed.

10. 12/5 Shizuaki MURATA (村田静昭<murata@urban.env.nagoya-u.ac.jp>): Safety Production and Consumption of Chemical Products (化学製品の安全な生産と使用)

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Chemical products, such as polymer materials, medicines and so on, make our life more convenient but have generated environmental destruction. Based on the Minamata disease and PCB accidents, hazardous natures in chemical industrial and consumption of chemical materials will be described.

11. 12/12 Kazuhisa NISHIHARA (西原和久<VZS00645@nifty.ne.jp>): Social Environment and Social Movements in Post-war Japan (戦後日本の社会環境と社会運動)

After presenting my own view on post-war Japanese society, I will review the history of social movements concerning so-called “environmental problems” in Japan. I hope to discuss problems of the social environment in East Asia and the related region in the age of globalisation with class participants.

12. 12/19 Masaya OKUMIYA (奥宮正哉 <okumiya@davinci.nuac.nagoya-u.ac.jp>): Toward Environmentally Friendly and Sustainable Buildings (環境共生建築を目指して)

This lecture explains change of final energy consumption in Japan, especially the rapid increase of energy consumption in the residential and commercial sectors. Then, measures for controlling energy consumption in residential and commercial sectors are explained.

13. 12/26 Masao TAKANO (高野雅夫<masao@nagoya-u.jp>): Progress in ESD (Education for Sustainable Development) in the Chubu Region (中部地域における持続可能な教育の展開)

ESD is considered as a critical task to promote sustainable development over the world. United Nations encourages local efforts to progress in ESD by certificating RCEs (Regional Center of Expertise). Chubu RCE was established this year and various ESD activities have emerged in this region. In this lecture, I discuss the key concept of ESD and introduce several local programs.

14. 1/16 Makoto TAKAHASHI (高橋誠<makoto-t@info.human.nagoya-u.ac.jp>): Natural Disasters and Society – Case-study of the 2004 tsunami and its effect on Aceh, Indonesia (自然災害と社会)

Natural disasters are generally seen as the catastrophic restructuring of sustainable interrelationships between nature and society. Focusing on the 2004 tsunami, this lecture discusses how a natural disaster affects local people, how they respond to it, and how vulnerability grows/declines in the post-disaster processes.

15. 1/23 Yoshitsugu HAYASHI (林良嗣<yhayashi@genv.nagoya-u.ac.jp>): Sustainability of cities (都市の持続可能性)

Facing the emerging issues of an intensifying climate and growing demand of cars due to a) increase in population and income, b) aging and, c) financial constraints, the systematic management of urbanisation and motorisation is essential for the sustainability of cities and our planet. Through clear visions such as no-regret growth, smart shrinking, compact city and integrated transport, concrete measures must be designed and implemented.

1/30 Final Exam: This is a closed-book exam; students must answer the questions in English.

Reference Materials:

Jenny Goldie, Bob Douglas and Bryan Furnass (eds.), *In search of Sustainability*, CSIRO, 2005.

Vandana Shiva, *Earth Democracy: Justice, Sustainability, And Peace*, Zed Books, 2005.

Yoshitsugu Hayashi, Kenneth Button and Peter Nijkamp (eds.), *The Environment and Transport*, E. Elgar, 1999.

Evaluation:

Participation, including attendance, and/or homework (Some lecturers may assign homework or short papers in class)	50%
Final Exam	50%

Courses in the Student's Major

1. Gender and Development (ジェンダーと開発)

Co-ordinator: NAKANISHI Hisae
Class: Tuesdays, 14:45~16:15
Place: Graduate School of International Development (GSID), Seminar Room 7
Class Capacity: Maximum of 4 NUPACE students

NB. In the event that demand exceeds capacity, graduate students will be given priority. An essay may be assigned to determine class membership.

This class will focus on a variety of issues that are relevant to so-called "Gender and Development". The following subjects will be covered: The division of labour based on gender difference; how the concept of gender emerged as an academic discussion; what the empowerment of women is; what public policies should be implemented to eliminate gender discrimination; how the public-private partnership should be formulated to enhance the level of women's participation in society; what role NGOs should play in this partnership, etc. Special attention will be given to "Gender in Peacebuilding".

Topics to be covered:

Week 1: Introduction: What is "gender and development"?
Week 2: Introduction: Gender and peacebuilding
Week 3: Gender related issues of conflict and war
Week 4: Refugees and internally displaced women
Week 5: Peace negotiation and gender
Week 6: Humanitarian assistance and gender
Week 7: Reconstruction process and gender
Week 8: Reconstruction process and women as active players
Week 9: Empowerment of women in post-conflict societies
Week 10: Empowerment of women in post-conflict societies
Week 11: Gender-mainstreaming policies: positive and negative aspects
Week 12: Group presentation 1
Week 13: Group presentation 2
Week 14: Discussion
Week 15: Discussion and class evaluation

Reference Materials:

To be distributed in class.

Evaluation:

Essay: 50%
Classroom performance: 50%

2. Japan's Development Experience (日本の開発経験)

Co-ordinator: NISHIKAWA Yoshiaki & SHIMADA Yuzuru
Class: Wednesdays, 13:00~14:30
Place: Graduate School of International Development (GSID), 8F, Auditorium

NB. This course, which commences on October 22, 2008, is open to all NUPACE students.

This course examines the development and modernisation process of Japan from various perspectives, including both positive and negative. Lecturers from different disciplines deal with issues such as the economy, law, governments, rural areas, social security systems, education, peace-building, etc. Participants will understand the crucial issues pertaining to Japan's development experience, and consider the adaptability of this experience to other countries.

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Topics to be covered:

1. Introduction
2. The role of Government in the development of Japan
3. Development of Japan's legal system
4. History of Japan's educational development (1)
5. History of Japan's educational development (2)
6. Japan's experience of economic development (1): Late Edo to Early Showa
7. Japan's experience of economic development(2) Post-WWII
8. Japan's post-war rapid economic growth period and the birth of modern housewives
9. Livelihood improvement experiences in post-war Japan
10. Experiences of agricultural/rural development in Japan
11. Japan's contribution to peace-building activities
12. Wrap-up Session

Reference Materials:

Relevant materials will be introduced in each class.

Evaluation:

Class participation and weekly comment papers. NUPACE students are exempted from attendance on October 29, 2008.

3. Participatory Rural Industry Promotion (参加型農村振興論)

Co-ordinator:	NISHIKAWA Yoshiaki
Class:	Thursdays, 08:45~10:15
Place:	Graduate School of International Development (GSID), Seminar Room 6
Class Capacity	Maximum of 2 NUPACE students

NB. This course, which commences on October 16, 2008, is only open to students with a social science or agricultural science background.

The lecture will discuss the participation of various stakeholders in rural development. The first part deals with concepts of participatory development and introduces cases of rural/community development from developing countries and Japan in order to understand the difficulty in approach both in theory and practice. The latter part introduces rural tourism and income generation projects and discusses the effects of these projects on the livelihood of rural people. By the end of the course, students will be able to explain characters of participatory rural development and to make a proposal for such development.

農村地域開発における多様な関係者の参加について議論する。前半は、参加型開発の考え方の概要を整理したうえで、開発途上国およびわが国の地域づくりの事例を紹介・分析し、参加型開発の理論面と実践面両方の課題を明らかにする。後半は、参加型開発による開発介入として農村ツーリズムと収入創出プロジェクトを通じて、農村地域における生活向上のあり方を学ぶ。参加型農村振興について説明でき、具体的な計画提策ができることを目標とする。

Topics to be covered:

Lecture 1	Introduction to participatory development
Lectures 25	Benefits and limitations of participatory development in rural development
Lectures 6-9, 11-12	Case studies including rural tourism, local resources management and the <i>One Village One Product Movement</i>
Lectures 10, 13-14	Exercises and preparation for presentation

NB. Students are required to prepare presentations of case studies and exercises.

Reference Materials:

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Andrew Shepherd, *Sustainable Rural Development*, Macmillan (1998)

Donald Curtis, *Poverty, Participation and Public Policy*, unpublished text for GSID students

Other materials will be distributed during the class

Evaluation:

A proposal on rural promotion and written examination will be assessed with some consideration of attendance and contribution to the class.

Graduate School of Languages and Cultures (GSLC)

1. Introductory Studies in Int'l Culture B: America – A “Multicultural” Hoax?

Co-ordinator: Simon POTTER

Class: Thursdays, 13:00 ~14:30

Place: Graduate School of Languages and Cultures, 1F, Lounge

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

Within the last fifteen to twenty years and coinciding with the “political correctness” movement, the United States has touted itself as “multicultural” and as a country which celebrates “diversity” and different cultures. Based on anthropological study over a few years in the first decade of the 2000s, the literary book used for this course challenges what has at least become a scholarly image of the United States. It questions the commitment to, or even interest in, multiculturalism of the part of mainstream Americans and mainstream American institutions by relating observations, experiences, and anecdotes from the perspective of resident outsiders. The course will involve reading this book and using one of its companion dictionaries, discussing them writing “response essays”, and writing a final examination. Some familiarity with American geography and society would be helpful.

Textbooks/Reference Materials:

TBA

Evaluation:

Response Essays: 50%

Final Examination: 50%

2. Introduction to Sociolinguistics B

Instructor: MORITA Chua Liang

Class: Tuesdays, 10:30~12:00

Place: Graduate School of Languages and Cultures, 1F Seminar Room

We will be focusing on bilingualism this semester. Bilingualism or multilingualism is a frequently misunderstood phenomenon. Many parents are afraid of letting their young children learn English because they think it will interfere with their Japanese language development. Some worry that learning other languages means there will be less space in our brains for subjects such as science and mathematics. Thanks to research in bilingualism in recent decades, we now know that these worries are unfounded.

NB. Some degree of commitment is required for students attending this course. Students are expected to come to class prepared.

Topics to be covered:

1. Early development of bilingualism

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2. Later development of bilingualism
3. Language shift (especially in Hokkaido and Okinawa)
4. Language situation of ethnic minorities (especially Koreans and Brazilians)
5. Language minority students in Japanese public schools
6. Bilingual education in Japan

Textbooks/References:

Baker, C. 2006. *Foundations of Bilingual Education and Bilingualism*. Clevedon: Multilingual Matters.
Noguchi, M. G. and Fotos, S. 2001. *Studies in Japanese Bilingualism*. Clevedon: Multilingual Matters.

Evaluation:

Participation 50%
Presentation 50%

School of Law

1. Politics and Law in Japan

Co-ordinator: Frank BENNETT
Class: Tuesdays, 13:00~14:30
Place: IRB Humanities & Social Sciences, Room 409~410

This course is divided into two six-session parts, separated by a mid-term exam on Part I, and ending in a final examination covering both Part I and Part II of the course. The first half of the course introduces the institutions of the modern Japanese political system, and provides a survey of the forces and events that have shaped the modern political system. The second half of the course concerns the legal system, with attention to “private law” (the law of property and obligations), family law, and the criminal justice system. We will both examine the underpinnings of the common image of Japan as a society with a low level of disputing and litigation, and explore recent changes to the legal system that will be the source of change in the next generation.

Prerequisites: Class attendance is required.

Reference Materials:

J.A.A. Stockwin, *Governing Japan, 3rd ed.* (1999)
G. Curtis, *The Logic of Japanese Politics* (1999)
F. Upham, *Law and Social Change in Postwar Japan* (1987)

Other readings to be distributed.

Evaluation:

Class attendance, participation 20%
Mid-term examination 30%
Final Examination 50%

2. Comparative Studies in Administrative Law: Modern Administrative Law (207)

Co-ordinator: ICHIHASHI Katsuya
Class: Mondays, 10:30~12:00
Place: IRB Humanities & Social Sciences, Room 407

In 1947 the Judicial Constitution Act and the Administrative Court Act were repealed. This marked a new beginning for the court system. It has been more than 50 years since then, in which time the system

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of judicial review of administrative action has developed. However, the contemporary raises many problems, which require urgent reform. 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 Procedures:
 - Proceedings of Consultative Organs;
 - Constitution and Hearing;
 - Attachment of Reasons;
 - Administrative Guidance; and
 - Freedom of Information.

3. Comparative Studies in Political Thought: Political Theory in Modern Europe (222)

Co-ordinator: ISOBE Takashi
Class: Fridays, 14:45~16:15
Place: School of Law, Seminar Room 905

With the aim of understanding European political culture as deeply as possible, we will read Voegelin's book and discuss the principal types of order of human existence in society and history as well as the corresponding symbolic forms.

Textbook:

Eric Voegelin (1987). *In Search of Order*.

4. Comparative Studies in Politics II: Japanese Diplomacy & International Pol. (220)

Co-ordinator: SADAKATA Mamoru
Class: Fridays, 10:30~12:00
Place: School of Law, Seminar Room 905

This course is designed to help students understand the evolution of Japanese diplomacy and dynamics of contemporary international relations.

11. History of Japanese Foreign Policy since the Meiji Restoration
12. The role of Japan in Asian Security Co-operation
13. History of International Relations Theory
14. International Security in the Post-Cold War Era
15. The United Nations and International Organisations

5. Professional Studies in International Economic Law II:

Problems of the WTO Legal System (212)

Co-ordinators: MIZUSHIMA Tomonori
Class: Tuesdays, 8:45~10:15
Place: School of Law, Seminar Room 905

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NB. This course is only open to graduate students with a law background. Some prior knowledge of International Law is useful, but not essential. Students interested in taking the course must consult the co-ordinator in advance.

This course is designed to examine some problems of the legal system surrounding the World Trade Organization (WTO). Course topics will be chosen in consultation with students, but in light of the current proliferation of regional trade agreements, such as the Japan-Philippines Economic Partnership Agreement of September 2006, the topics may include 'regional trade agreements within the WTO legal system'. Students are expected to make presentations on assigned topics and contribute positively to class discussion.

Reference Materials:

World Trade Organization, *The Legal Texts: The Result of the Uruguay Round of Multilateral Trade Negotiations*,
Cambridge UP
Reading lists to be distributed

Evaluation:

Presentations and contribution to class discussion. A written examination may be held at the end of the course.

6. Professional Studies in International Human Rights Law II:

Seminar on Human Rights and Refugee Law (210)

Co-ordinator: OBATA Kaoru
Class: Thursdays, 13:00~14:30
Place: School of Law, Seminar Room 905

NB. This class is open only to students majoring in law. Students interested in taking the course must make an appointment with the co-ordinator in advance.

In this seminar, we will select some topics related to current problems International Human Rights Law or Refugee Law, and read relevant textbooks and articles. In each class, a student will act as 'reporter', and make a presentation on the assigned subject matter. This will be followed by discussion amongst class members. Participants should have a basic knowledge of International Law in general and Human Rights Law, as provided in the courses on 'International Law' and International Human Rights Law'.

Evaluation:

Attendance: 30% (an attendance rate 80% is mandatory)
Class Discussion: 30%
Presentation: 40%

7. Special Lecture & Seminar: International Negotiation

Co-ordinator: Frank BENNETT
Class: Wednesdays, 8:45~10:15
Place: IRB Humanities & Social Sciences, Room 409~410

This course is an intensive experience in the essential business skills of negotiation and arbitration, taught in a "problem based" format. The basis of the course will be preparation for a 2-day intercollegiate competition that takes place in Tokyo in early December. The class will be divided into teams, and each class member will work closely with team mates during preparation, and at the competition itself. Preparation work will be broken into weekly tasks, for which individual teams will be responsible, reporting weekly progress to an executive meeting for critique and consultation. The competition itself is a very competitive event, conducted in two languages (we will send both a Japanese

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and an English team this year), involving 12 of the top universities in Japan.

Please note that participants will need to cover the costs of attending the Tokyo competition themselves, although some expenses will be defrayed.

Prerequisites: A willingness to work hard, learn quickly, work in a team, and handle criticism

Reference Materials:

Fisher, Ury & Patton, *Getting to Yes: negotiating agreement without giving in* (2nd ed. 1991)
(negotiation and arbitration problems to be distributed)

Evaluation:

Class attendance, participation	20%
Mid-term examination	30%
Final examination	50%

8. Special Lect. & Seminar: Legal & Business Ethics in Developing Countries (231)

Co-ordinator:	MORIGIWA Yasutomo
Class:	Fridays, 13:00~14:30
Place:	School of Law, Seminar Room 905

This seminar will combine the theory of legal and business ethics with the practicalities of developing nations. Students will wrestle with questions such as how one can be ethical when working in a system that has corruption. The course will draw upon theory and will ask students to address scenarios based on their practical knowledge. We hope to have outside participation from practitioners and experts. The course will be taught in English and Japanese as appropriate. Students will give oral presentations of assigned topics during the course and refine the presentation of their draft into a short research paper which will be the final exercise for the course. International and Japanese students are invited to attend.

Topics to be covered:

1. What is Ethics? Three kinds of ethics. What is Corruption? The concept, causes, remedies and mitigants (rules and treaties on the ethics of the legal profession and on corruption)
2. Country Reports: State of professional ethics, fabric of society and anti-corruption policies in the countries of participating students
3. Business Ethics: What is business ethics? Is it professional ethics? How are the norms of business ethics to be administered? Function of business ethics in society. Enron, Nikko Cordial, to name just two. What is 'dango'? What is being done about it? Anti-trust regulation and free enterprise.
4. Role-play: The lawyer in the developing country. Moral dilemmas faced and dealt with. What have we learnt?
5. In-depth Analysis of Corruption. If rent-seeking in the form of corrupt practice is rational behaviour in the developing country, what are the rational steps to its remedy? The function of the public sector: 1) public goods, 2) political power, 3) public deliberation and decision. The conditions that the personnel who man the system must satisfy to function.
6. Confirming what we have learnt. What was the basic problem? What was the basic remedy? Why is it difficult to implement the remedy? What can we do to implement the remedy? What have we learnt about the law from this inquiry? What have we learnt about business enterprise from this enquiry?

Reference Materials:

Material will be made available in the form of hard copies or on the class website (to be announced).

Evaluation:

Participation:	50% (attendance, assignments and active performance in weekly online forums)
Research Paper:	50%

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NB. Active participation expected in monthly in-depth role-play client counselling sessions with 'real' clients played by professional actors, as well as in online discussions on the class website.

9. Special Lecture & Seminar: <i>Yomiuri Shimbun</i> Special Lecture – Comparative Asian Corporate Theory (227)

Co-ordinator: MORIGIWA Yasutomo & Journalists from the *Yomiuri Shimbun's* Tokyo Office
Class: Wednesdays, 14:45~16:15 (NB. On December 17, 2008: 14:45~18:00)
Place: School of Law, Room 905

Journalists from the Tokyo Office of the *Yomiuri Shimbun* will conduct this course, based on their on-the-spot news coverage around the world and teaching experience in California. A series of topics related to Japan and other Asian countries will be included in this course.

Topics to be covered:

第1回 10月1日 読売新聞の海外報道/大塚隆一(国際部長)

1. October 1, 14:45-16:15/Foreign news coverage of the *Yomiuri Shimbun*

Instructor: Ryuichi Otsuka, International Editor

The *Yomiuri Shimbun* has 60 correspondents in 35 overseas bureaus. We will look at how Japanese newspapers see and cover our rapidly changing world. Global issues such as climate change and nuclear weapons will be taken up to discuss the future of our planet and the role of journalism. Mr. Otsuka has worked as a correspondent in Geneva, New York and Washington DC.

第2回 10月8日 日米外交関係/伊藤俊行(政治部次長)

2. October 8, 14:45-16:15/U.S.-Japan relations under a new Prime Minister

Instructor: Toshiyuki Ito, political correspondent

The Liberal Democratic Party has chosen its new president, who replaced former Prime Minister Abe. New PM Fukuda's policy has been said to be different from Mr. Abe, a hawkish guy who had resigned abruptly, in terms of foreign policy. What kind of implication can be found in the political turmoil in Japan? Can Japan and the U.S maintain a strong alliance? We will check Mr. Fukuda's foreign policy, especially on U.S.-Japan relations. Mr. Ito is senior reporter in charge of politics.

第3回、4回 北京五輪とアジア/ 結城和香子(運動部次長)

3. & 4. October 15 & 22, 14:45-16:15/2008 Beijing Olympic Games and Asia

Instructor: Wakako YUKI, vice sports editor

Former Sydney and Athens bureau chief in charge of the *Yomiuri Shimbun's* Olympic Games coverage. In August this year, Asia hosted the first Summer Olympic Games in 20 years. 2008 Beijing Olympic Games is an opportunity for us to ponder and discuss what are the positives and the negatives of the modern Olympic Games, a private sports movement which has miraculously lasted for over 100 years. Are the Olympic Games a legacy of humanity which shall be carried on into the future? Or have its negative aspects caught up at last?

Taking into considerations aspects such as;

Positives

- Olympic Games can create initiatives for peace
- Olympic Games have a considerable economic impact
- can inspire us to go beyond our limitations, value of life
- demonstrate passion for sports
- opportunity to overcome discrimination

Negatives

- too much pressure to win spurs doping problem
- too expensive and gigantic, riches' games
- bidding race is susceptible to corruption
- sports have become mere entertainment
- can be used as political propaganda or tools

Courses in the Student's Major

We will try to ascertain why we need (or do not need) the Olympic Games.

第5回 10月22日 アフリカとアジア・日本/ 吉形祐司(国際部主任)

5. October 22, 14:45-16:15/Money Talks

Instructor : Yuji Yoshikata, Staff Writer of the International News Department

Banknotes reflect a country's politics, history and people's lifestyle. In many countries, the images of politicians are seen on banknotes. And it's not rare that such images are removed and replaced with a new design once the regime changes. Mr. Yoshikata, former correspondent to Johannesburg and Bangkok, will lecture on the banknotes of Africa, Asia and Middle East based on his experience.

第6回、7回 10月29日、11月5日/ 日本の安全 アジアの安全/ 笹島雅彦(調査研究本部主任研究員)

6. & 7. October 9 & November 5, 14:45-16:15/Security in Asia and Japan

Instructor: Masahiko Sasajima, Senior Research Fellow Yomiuri Research Institute

Mr. Sasajima will provide an introduction, from the perspective of both policy analysis and journalism, to the structure of political and military affairs in Asia as well as a comparison of the national security policies of major nations of the region. Particular attention is given to the continuation of the Maritime Self-Defence Force's refuelling mission in the Indian Ocean. Mr. Sasajima is a former correspondent of the Beijing Bureau and visiting lecturer at J-School, UC Berkeley.

第8回 11月12日 アジアの宇宙時代/ 滝田恭子(科学部記者)

8. November 12, 14:45-16:15/Space Race in Asia

Instructor: Kyoko Takita, Science News Reporter

China and India are emerging as space superpowers with new rockets, manned spaceflights and lunar explorations. They may change the old scheme of space activities led by US and Russia in co-operation with Japan, EU and Canada. We will discuss the impact of the space race on world politics and the utilisation of resources in space and moon. Ms. Takita covers space shuttle flights, rockets and satellites development, and science and technology policies.

第9回 11月19日 留学生10万人計画のその後/ 南 砂(編集委員)

9. November 19, 14:45-16:15/The Japanese and the Foreign Students

Instructor: Masago Minami, deputy editor of the Commentary & News Analysis Department

It was in 1983, with only 8,000 foreign students studying in Japan at the time, when the Japanese government set a goal to accept 100,000 overseas students by the early 21st century. The goal was finally attained in the year 2002, but a number of problems had appeared in the meantime. We will look back on and discuss what the Japanese have achieved and failed the foreign students for from the long-term plan. Ms Minami is a medical doctor specializing in psychiatry.

第10回 11月26日 米国大統領選と/ 坂元隆(国際部次長)

10. November 26, 14:45-16:15/The New US President's Policy towards Asia

Instructor: Takashi Sakamoto, Assistant Foreign Editor, The Yomiuri Shimbun.

The newly elected president of the United States is about to start reviewing Bush administration's foreign policies and organising his own. Asia continues to remain one of the hardest foreign challenges for the new administration. We explore how the new leader will and should respond Asian questions such as North Korean nuclear issue, China's rise as a new superpower, India's world-wide economic expansion and Japan's not-so-bright future. Mr. Sakamoto was New Delhi Bureau Chief from 1990 to 1993 and Washington correspondent from 1995 to 2001 and from 2005 to 2008.

第11回 12月3日 社説について/ 清本修身(元論説副委員長)

11. December 3, 14:45-16:15/How editorials of Japanese major newspapers are prepared daily

Instructor : Osami Kiyomoto, Ex-deputy chief of editorial board of Yomiuri Shimbun

Newspapers have the function of so-called agenda setting, and editorials represent this function. We will discuss Japanese newspapers' common and differing positions on several important national issues in a political context.

第12回 12月10日 情報戦略と国際報道/ 清本修身(元論説副委員長)

Courses in the Student's Major

12. December 10, 14:45-16:15/Information Strategy and International Reporting

Instructor: Osami Kiyomoto, Ex-deputy chief of editorial board of Yomiuri Shimbun

In today's world, all information, political as well as economic, is much spinned, thus creating a very challenging situation in reporting. We will study the political history of information strategy (propaganda) and how reporting has been affected, looking into some cases.

第13回、14回 12月17日 歴史問題とアジア/ 鬼頭誠(調査研究本部主任研究員)

13. & 14. December 17, 14:45-18:00/Historical Issues and Asia--War Responsibility of the Japanese

Instructor: Makoto Kito, Senior Research Fellow Yomiuri Research Institute

In 2006, the Yomiuri Shimbun occasionally published features in morning editions on the war responsibility of the Japanese leadership in World War II. Why did Japan expand the Sino-Japanese War? Why did she wage war with the U.S. in spite of extremely slim resources? What caused the Japanese to employ "banzai attacks", or "kamikaze" suicide attacks? Wasn't it possible to prevent the atomic bombings of Hiroshima and Nagasaki? Let's re-examine and try to identify the responsibility of the war leaders' failures, while finding lessons to be learned. Mr. Kito worked as a member of the Yomiuri Shimbun War Responsibility Re-examination Committee. The translated compilation of the features was published both in English in 2006 and in Chinese in 2007.

第15回 1月14日 新聞社のメディア戦略/ 松井正(メディア戦略局編集部主任)

15. January 14, 2009, 14:45-16:15/Online Media: A Disruptive Technology

Instructor: Tadashi Matsui, Editor of YOMIURI ONLINE

Internet and mobile media have had a clearly disruptive effect on the newspaper industry. Keeping in mind the unique characteristics of the Japanese newspaper business, we will examine how newspapers can reach the younger generation and find the means to survive. Mr. Matsui is a former visiting researcher at the Newspaper Association of America. He is a video journalist, web director, and a former staff writer with The Yomiuri Shimbun's Science Department.

9. Special Lecture & Seminar III: Corporate Legal Practices (225)

Co-ordinators: TOYOTA Group Legal Meeting
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, the handling of M&As and various projects by way of lecture and discussion with regard to actual cases. The professors are group managers of the Legal Divisions of Toyota Motor Corporation and Toyota Industries Corporation.

Evaluation:

Attendance, participation in discussions, and reports/presentation.

School of Letters

1. Iconicity in Language & Literature

Co-ordinator: William J. HERLOFSKY
Class: Mondays, 10:30~12:00
Place: IRB Humanities & Social Sciences, Rooms 308~309

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

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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.

2. Pragmatics & Sociolinguistics: Intro to Qualitative Sociolinguistic Methods

Co-ordinator: Zane M. GOEBEL (goebelz@lit.nagoya-u.ac.jp/Letters, Rm. 416/ext. 2255)
 Consultation Times: Thu/Fri: 16:30~18:00
 Class: Fridays, 13:00~14:30
 Place: IRB Humanities & Social Sciences, Rooms 308~309

NB. This course builds upon the topics in pragmatics and sociolinguistics covered in the spring semester and therefore it is highly recommended that you do the spring course before attempting this one.

This course aims to introduce students to doing qualitative sociolinguistic research. It will focus on different approaches to narrative analysis, including structural approaches pioneered by William Labov, ethno-methodological approaches, anthropological approaches, psychological approaches and combinations of these. During the semester you will get a chance to use some of these methods. To be able to do this we need to gather data to work on. Ideally you would make recordings of conversations. However, this will be difficult because of the need for ethics approvals. Thus, we will concentrate on publicly available sources such as: talk-back radio conversations, television interview settings, television dramas, and feature length films.

Topics to be covered:

In the table below I have grouped the course objectives under 6 themes.

LECTURE TOPIC	LEARNING OBJECTIVES
Lecture 1 Introduction	<ul style="list-style-type: none"> • Understand the course requirements.
Theme 1 Introduction to Approaches to Narrative	
Lecture 2 Introducing Narrative Analysis	<ul style="list-style-type: none"> • Understand that there are many forms of narrative analysis. • Understand that different research questions require different approaches to narrative.
Theme 2 Structural Approaches to Narrative	
Lecture 3 Labovian Analysis	<ul style="list-style-type: none"> • Understand how data is elicited using this approach. • Understand how data is analysed using this approach. • Understand how to write chapter summaries in your own words. • Homework: Record a TV or radio interview of a famous person which is carried out in English or bring in a DVD of an interview with a famous person. Then in your group transcribe this and bring your transcription to the next class.

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Lecture 4 Labovian Analysis	<ul style="list-style-type: none"> • Understand how this approach focuses on naturally occurring talk. • Understand how this approach sees talk as social action • Homework: Record a TV serial or film which is in English or bring in a film on DVD. Then chose a short conversation in this film that you think might fit an ethno-methodologists' idea of a narrative. In your group transcribe this interaction and bring your transcription to the next class.
Theme 3 Ethno-methodological Approaches to Narrative	
Lecture 5 Ethno-methodologic al Approaches	<ul style="list-style-type: none"> • Understand how this approach focuses on naturally occurring talk • Understand how this approach sees talk as social action • Homework: Record a TV serial or film which is in English or bring in a film on DVD. Then chose a short conversation in this film that you think might fit an ethno-methodologists' idea of a narrative. In your group transcribe this interaction and bring your transcription to the next class.
Lecture 6 Ethno-methodologic al approaches	<ul style="list-style-type: none"> • Understand how to undertake an ethno-methodological narrative analysis through practice on your data. • Understand how this approach differs to structural approaches to narrative. • Understand how to write chapter summaries in your own words. • REMEMBER TO BRING IN YOUR TRANSCRIPTION WHICH YOU MADE FOR HOMEWORK IN WEEK 5
Theme 4 Anthropological Approaches to Narrative	
Lectures 7~9 Anthropological Approaches to Narrative	<ul style="list-style-type: none"> • Understand the focus of anthropological studies of narrative, especially those concerned with performance, poetics and applied ethno-poetics. • Understand their ways of gathering, analysing and interpreting these forms of narrative. • Understand the similarities and differences between these approaches and ethno-methodological and structural approaches to narrative. • Understand the different parts and functions of a research paper.
Theme 5 Psychological Approaches to Narrative	
Lectures 10~11 Psychological Approaches to Narrative	<ul style="list-style-type: none"> • Understand Jerome Bruner's approach to narrative. • Understand the similarities and differences of Bruner's approach with the other approaches to narrative discussed in this course. • Be able to apply Bruner's framework to the two data sets that you and your group gathered and transcribed in weeks 3 and 5.
Theme 6 Hybrid Approaches to Narrative	
Lectures 12~13 Living Narrative	<ul style="list-style-type: none"> • Understand how the work of Ochs and Capps has drawn upon all of the approaches discussed in this course. • Be able to describe the five narrative dimensions in Och and Capp's model • Be able to apply this framework to the two data sets that you and your group gathered and transcribed in weeks 3 and 5. • Be able to choose a data set and an appropriate theory and method to analyze that data. • Be able to write about your theory, method and analysis in a research paper. (I will spend around 10 minutes with each group looking at and commenting on your ALREADY PREPARED DRAFT RESEARCH REPORT
Lectures 14~15 Small Stories	<ul style="list-style-type: none"> • Understand how a Small Stories approach differs to approaches to Living Narrative, such as that of Ochs and Capps. • Understand how peer review helps in improving the argument and analysis found in research papers. • Be able to write about your theory, method and analysis in a research paper. (I will spend around 10 minutes with each group looking at and commenting on your ALREADY PREPARED DRAFT RESEARCH REPORT

Textbooks/Reference Materials:

The teaching assistant will have a copy of most of the essential readings. You may borrow this booklet of readings to photocopy. Other readings can be found in the Central Library in the reserved section. These materials are available for short term loan.

Below is a list of **ESSENTIAL** readings for each topic. In order to get the most out of lectures it is recommended that you read these **before** coming to the lecture.

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LECTURE TOPICS	LIST OF ESSENTIAL READINGS
Lecture 1 Introduction	Bamberg, Michael. 2006. Stories: Big or small. Why do we care? <i>Narrative Inquiry</i> 16 (1):139-147.
Lecture 2 Introducing Narrative Analysis	
Theme 2 Structural Approaches to Narrative	
Lectures 3~4 Labovian Analysis	Labov, W. (2006 [1972]). The transformation of experience in narrative. In A. Jaworski & N. Coupland (Eds.), <i>The Discourse Reader</i> (pp. 214-226). London: Routledge.
Theme 3 Ethno-methodological Approaches to Narrative	
Lectures 5~6 Ethno-methodological Approaches	Schegloff, Emanuel A. 1997. "Narrative Analysis" Thirty Years On. <i>Journal of Narrative and Life History</i> 7 (1-4):97-106.
Theme 4 Anthropological Approaches to Narrative	
Lectures 7~9 Anthropological Approaches	Bauman, Richard 2004. "That I can't tell you": Negotiating Performance with a Nova Scotia Fisherman (pp. 109-127). <i>A World of Others' Words: Cross-Cultural Perspectives on Intertextuality</i> . Oxford: Blackwell Publishing.
Theme 5 Psychological Approaches to Narrative	
Lectures 10~11 Jerome Bruner	Bruner, Jerome. 1991. The Narrative Construction of Reality. <i>Critical Inquiry</i> 18 (1):1-21.
Theme 6 Hybrid Approaches to Narrative	
Lectures 12~13 Living Narrative	Ochs, Elinor. 2004. Narrative lessons. In <i>A Companion to Linguistic Anthropology</i> , edited by A. Duranti. Oxford: Blackwell.
Lectures 14~15 Small Stories	Georgakopoulou, Alexandra. 2006. Small and Large Identities (pp. 83-102). In <i>Discourse and Identity</i> , edited by A. De Fina, D. Schiffrin and M. Bamberg. Cambridge: Cambridge University Press.

Evaluation:

There are two pieces of assessment. Both are article/chapter summaries.

Task No.	Assessment Description	Weight	Due Date
1	Chapter Summary	40%	21 st November 2008
2	Written Research Report (Groups of five students)	60%	23 rd January 2009

I will be using the following grading system:

D	D+	C-	C	C+	B-	B	B+	A-	A	A+
50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-93	94-97	98-100

3. 日本語文化入門 II (Introduction to Japanese Language & Culture II)

Co-ordinator: SAITO Fumitoshi
 Class: Tuesdays, 16:30~18:00
 Place: School of Letters, Lecture Room 237

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

この講義は、日本語文化に対する理解を深めることを目的とする。特に、語彙(単語)に焦点があてられる。また、講義、クラス討論、レポート、グループ発表の様々な形式をとる。

Topics to be covered:

- 「昨日頭を切ってきたよ」「昨日頭をカットしてきたよ」は言えるのに、「昨日頭を切断してきたよ」だとぶきみになってしまうのはなぜ?
- 「今日は11月3日、祝日でちょうど日曜日にあたります」の中の5個の「日」、なんでみんな読み方が違うの?
- 「見上げてごらん、星がキラキラまたたいているよ」はなぜロマンチックじゃないの?

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4. 「ホーカにケッタマシンで郵便局行ったら、どねりやあ疲れてまった」ってどんな意味？

Reference Materials:

必要に応じてプリントを配布。

Evaluation:

出席: 30%
授業への貢献度: 30%
レポート: 40%

Graduate School of Mathematics

Methods in Applied Mathematics I

Co-ordinator: UZAWA Tohru
Class: Mondays, 13:00~14:30
Place: School of Science Building 1 <Mathematics>, Room 409

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.

The purpose of this course is to introduce and explain various methods in applied mathematics. A detailed schedule will be distributed at the first lecture.

Topics to be covered:

1. **Uzawa:** Introduction to statistics, especially the connection to real analysis and probability theory
2. **Hora:** Introduction to Markovian processes
3. **Hesselholt:** Geometric and topological methods in applied mathematics (linear programming, fixed point theorems and configuration spaces)

Prerequisites: Basic undergraduate mathematics (calculus and linear algebra).

Reference Materials:

As specified during the course by each instructor.

Evaluation:

Attendance and report problems, as assigned by each instructor.

School of Medicine

Health Administration Seminar & Outline of Clinical Medicine

Co-ordinators: SAKAMOTO Junichi & MORITA Satoshi
Classes: Health Administration Seminar: Mondays & Wednesdays, 8:50~10:20
Outline of Clinical Medicine: Tuesdays & Thursdays, 10:30~12:00
Place: School of Medicine <Tsurumai Campus>, Medical Research Building – Annex,
4 Fl., YLP Seminar Room

These courses are designed to provide students with instructive information on health service systems

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and with the opportunity to consider the current situation in their own countries. Every country has its own health service system based on the peculiarities of the social system, economy, culture and ethics of the country concerned. This course introduces the Japanese health service system, which has been evaluated as performing successfully in both maintaining the health of its people and in limiting the costs of medical services. In relation to this, the structure and function of the Ministry of Health, Labour and Welfare of Japan will also be explained.

School of Science

Advanced Quantum Chemistry

Co-ordinator: Stephan Irle
Class: Wednesdays, 13:00~14:30
Place: School of Science Building B., Room B-116

Prerequisites: Basic knowledge of quantum chemistry and some familiarity with electronic-structure theory and/or molecular dynamics techniques.

How is it possible to perform molecular dynamics simulations in highly reactive environments?

If you have ever wondered how one can investigate chaotic high-temperature reaction systems (for instance combustion processes, fullerene and nanotube formation in carbon arc, surface corrosion in rocket engines) at a quantum chemical level, this is the class you should attend. Beginning with the Born-Oppenheimer approximation, this class focuses on the methods that are used for such investigations, and will encompass standard Hartree-Fock electronic structure theory, methods capable to include electron correlation effects, as well as basics of molecular dynamics simulations. Integrated methods such as ONIOM and their extension to molecular dynamics simulations are introduced for the treatment of very large, extended systems. By the end of the class you should have a clear understanding of wavefunction- and density-based quantum chemistry methods in general and their interplay with classical molecular dynamics methods in so-called Born-Oppenheimer Molecular Dynamics (BOMD) simulations.

Topics to be covered:

- Oct 1 Introduction: Born-Oppenheimer approximation; potential energy surfaces (PESs)
- Oct 8 Reactants – transition states – products and intrinsic reaction coordinate (IRC) pathways = conventional exploration of PESs
- Oct 15 Molecular mechanics methods versus quantum chemical methods
- Oct 22 LCAO-MO theory; Hartree-Fock theory
- Oct 29 Basis sets in quantum chemical calculations
- Nov 5 Higher level ab initio electronic structure methods: CI and MP2 methods
- Nov 12 Natural orbitals and natural orbital occupation numbers, finite electronic temperature in HF-like methods
- Nov 19 Density-based methods: Kohn-Sham theory, density functional theory (DFT), Kohn-Sham orbitals
- Nov 26 Midterm examination
- Dec 3 Density Functional Tight Binding as fast approximate DFT method
- Dec 10 Integrated Methods (QM/MM, ONIOM), in particular ONIOM(DFT:DFTB) for large systems
- Dec 17 Practical applications of HF, DFT, DFTB, CI, MP2, and ONIOM methods: Examples and performance
- Jan 14 MD simulations: Overview over different approaches; microcanonical versus canonical ensembles
- Jan 21 Comparison of QM/MD with MD using reactive force fields

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Jan 28 When conventional PES give wrong predictions: Recent examples illustrating necessity of QM/MD simulations
Feb 4 Final examination

Textbook/Reference Materials:

Self-made Scriptum

Ira N. Levine (2000), *Quantum Chemistry, 5th ed.*, Prentice Hall (ISBN 978-0136855125)

M. P. Allen, D. J. Tildesley (1989), *Computer Simulation of Liquids*, Oxford University Press (ISBN 0-19-855645-4)

Evaluation:

Mid-term Examination:	30%
Final Examination:	40%
Six Assignments:	5% each

Memoranda

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