

---

# NUPACE Academic Policies & Syllabi

---

Autumn 2014  
Nagoya University

---

名古屋大学交換留学受入  
プログラム

---



# NUPACE Academic Calendar & Policies – Autumn 2014

## 1. Calendar

Oct 1 ~ Jan 26	NUPACE/G30 & regular university courses
Oct 13 ~ Feb 2	University-wide Japanese Language Programme (UWJLP)
Jan 27 ~ Feb 9	Examination period for regular university courses
Dec 28 ~ Jan 7	Winter vacation for NUPACE & regular university courses
Dec 23 ~ Jan 4	Winter vacation for UWJLP programme

Apr 10 Spring 2015 semester commences

**National Holidays** (In principle, no classes will be held on the following days)

Oct 13	体育の日	(Health-Sports Day)*
*Japanese language courses will be held as normal		
Nov 3	文化の日	(Culture Day)
Nov 24	振替休日(労働感謝の日)	(Holiday in lieu for 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 21	春分の日	(Vernal Equinox Day)

## 2. List of Courses Open to NUPACE Students

### 1. <NUPACE Programme>

#### Japanese Language Programmes

Standard Course in Japanese (7 Levels: SJ101~SJ301)	p 10~
Intensive Course in Japanese (6 Levels: IJ111~IJ212)	1~5 crdts p 11
Academic Japanese I, III	2~10crdts p 12
Business Japanese I, III	1.5 crdts p 13
漢字<Kanji>1000, 2000	1.5 crdts p 13
	1 credit p 14

#### 入門講義 <J>\* (ILC Introductory Courses Taught in Japanese)

国際関係論 I (Global Society I)	2 credits p 14
日本文化論 I (Introduction to Japanese Society & Culture I)	2 credits p 15
日本語学・日本語教育学 I (Introduction to Japanese Linguistics I)	2 credits p 15
言語学入門 I (Introduction to Linguistics I)	2 credits p 16
日本文学 I (Japanese Literature I)	2 credits p 17

\*<J> Courses taught in Japanese and which require level 2/N2 of the Japanese Language Proficiency Test (JLPT), or equivalent.

#### Other Foreign Language Courses (Graduate School of Languages & Cultures) 2 credits p 17

##### International Education & Exchange Center

Linguistic Diversity and Education Policy: Plurilingualism in Europe and Japan	2 credits p 19
Teaching Practice in the Japanese Community	2 credits p 19

##### Institute of Liberal Arts and Sciences

Career and Life Development I (Graduate)	1 credit p 20
Career and Life Development II (Graduate)	1 credit p 20
Independent Thinking and Decision Making	2 credits p 21

##### School of Agricultural Sciences:

Agricultural Science	2 credits p 21
----------------------	----------------

➤ Refer to page 6 for G30 courses

School of Economics

Advanced Income Theory II	2 credits	p 22
Economic Theory and Applications II	2 credits	p 23
International Accounting B	2 credits	p 23
Law and Economics Workshop (1-year course)	2 credits	p 24
➤ Refer to page 6 for G30 courses		

School of Engineering:

Academic, Scientific, and Technical English	1 credit	p 25
Civil Engineering & Policies for Developing Countries II (Graduate)	2 credits	p 25
Introduction to Civil Engineering & Architecture	2 credits	p 26
Overview of Advanced Electrical, Electronic & Information Engineering	2 credits	p 27
Science & Technology in Japan	2 credits	p 27
➤ Refer to page 6 for G30 courses		

Graduate School of Environmental Studies

Climate Change Policies	2 credits	p 28
Ecosystem Management	2 credits	p 29
Environmental Industry Systems	2 credits	p 29
Planning and Design Studio for Historical Environment (2 <sup>nd</sup> quarter; Graduate)	2 credits	p 30
Studio Workshop of Architectural Design (1 <sup>st</sup> quarter; Graduate)	2 credits	p 30
Sustainability and Environmental Studies	2 credits	p 31
Water and Waste Engineering	2 credits	p 31

Graduate School of International Development (G.SID):

Educational Development Planning and Evaluation	2 credits	p 33
Human Security and Law	2 credits	p 33
Japan's Development Experience	2 credits	p 34
Lecture on International Development I: International migration theory	2 credits	p 34

Graduate School of Languages & Cultures (GSLC):

Topics in Geography & Culture I: Ethics in major religious traditions	2 credits	p 35
---	-----------	------

In addition to the above, the following GSLC G30 courses have been made available to NUPACE students. Access <http://www.lang.nagoya-u.ac.jp/G30/cl/pdf/course-descriptions-14fall.pdf> for further details or view copies of the syllabi in the NUPACE Office.

- Japanese Psycholinguistics; Mon/6
- Sociocultural Perspectives on Language Learning I; Mon/5
- Second Language Development; Thu/3
- A Comparative Approach to Media Discourse I: Concepts, theories, and methods <Graduate>; Wed/3 \*Maximum NUPACE capacity: 4 students
- Cultural and Intellectual History of Japan III; Mon/2
- Word and Image in Japanese Narrative III; Mon/5
- Literary Modernism and the Avant-Garde: Innovative writing and translation; Thu/5
- World Animation: Past and Present; Thu/3
- Studies in Postmodernity and Beyond: Pleasure, play, and power in cultural transformation; Mon/4
- Culture and Technology in Modern Japan: Concepts, theories and methods; Tue/3

Graduate School of Law:

Comparative Studies in Jurisprudence II: Uses of the Public Sphere – Good Practice vs. Corruption	2 credits	p 35
Comparative Studies in Politics II: Japanese Diplomacy and Int'l Politics	2 credits	p 36
Professional Studies in Int'l Economic Law II: Problems of Int'l Economic Law	2 credits	p 36

Professional Studies in Int'l Human Rights Law II: Seminar on Human Rights & Refugee Law	2 credits	p 37
Special Lecture and Seminar: Private International Law	2 credits	p 37
Special Lecture and Seminar: Workshop on International Negotiation	2 credits	p 38
Special Lecture and Seminar: <i>Yomiuri Shimbun</i> Special Lecture – Comparative Asian Corporate Theory	2 credits	p 38
Studies in Jurisprudence: Law as Political Theory I B	1 credit	p 38

➤ Refer to page 6 for G30 courses

School of Letters:

Japanese Culture and Communication I	2 credits	p 39
日本語文化入門 II (Introduction to Japanese Language & Culture II) <J*>	2 credits	p 39

\*<J\*> Course which requires at least level 2/N2 of the Japanese Language Proficiency Test (JLPT), or equivalent.

In addition to the above, the following School of Letters G30 courses have been made available to NUPACE students. Access <http://www.lit.nagoya-u.ac.jp/g30/> for further details or view copies of the syllabi in the NUPACE Office.

- Asian Cinema before 1945; Fri/2
- Critical Film Analysis; Thu/2
- Critical Literary Analysis; Tue/4
- Japanese Literature and Gender; Tue/2
- Graduate Seminar: Cinema Theory and Practice I; Fri/4
- Graduate Seminar: Literary Theory and Practice; Mon/1 & 2

Graduate School of Mathematics:

Perspectives in Mathematical Sciences II (Graduate)/IV (Undergraduate)	2 credits	p 40
--	-----------	------

School of Science:

Advanced Quantum Chemistry	2 credits	p 41
----------------------------	-----------	------

➤ Refer to page 6 for G30 courses

**Class Time-table: NUPACE Programme (Courses in the Student's Major, Academic Japanese, Business Japanese, Kanji, and 入門講義 <Introductory Courses J\*>)**

Unless indicated otherwise, the following courses commence on Wednesday, October 1, 2014. 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.

	Mon	Tue	Wed	Thu	Fri
(I) 08:45-10:15		Educational Development Planning & Evaluation (GSID, 5F, Sem Rm 6 (515)) Professional Studies in Int'l Economic Law II: Problems of Int'l Economic Law (Law, Sem. Rm 905)	Comparative Studies in Politics II: Japanese Diplomacy and Int'l Politics (Law, Sem. Rm 905)	Water and Waste Engineering (Env. Studies, Lect. Rm 1) Studio Workshop of Architectural Design <1 <sup>st</sup> qtr> (ES, 435) Workshop on Int'l Negotiation (Law, Sem. Rm 911)	
		Topics in Geography & Culture I: Ethics in Major Religious Traditions (Liberal Arts & Sciences – Main Bldg, 1F, Rm N105) Career & Life Development I, II (Liberal Arts & Sciences – Main Bldg, 1F, Rm S11)	Advanced Quantum Chemistry (Sc. Bldg. B, Lecture Rm 3 <B-116>)	Workshop on Int'l Negotiation (Law, Sem. Rm 911) Studio Workshop of Architectural Design<1 <sup>st</sup> qtr> (ES, 435) Env. Industry Systems (Env. Studies, Lect. Rm 1)	Sustainability & Environmental Studies (Env. Studies, Lect. Rm 2) International Accounting B (Economics, Sem. Rm 7)
(II) 10:30-12:00	国際関係論 I<J> (IEEC, Rm. 207E)	Prof. Studies in Int'l Human Rights Law II: Sem. on Human Rights & Refugee Law (Law, Sem. Rm 905)	Japan's Development Experience (GSID, 8F, Auditorium)	日本文化論 I<J> (IEEC, Rm 207W)	言語学 I<J> (IEEC, Rm 207E)
	Climate Change Policies (Env. Studies, Lect. Rm 2) Economic Theory and Applications II (Economics, Lecture Rm 3)	Advanced Income Theory II (Economics, Lecture Rm 3) Overview of Adv. Electrical, Electronic & Information Eng. (Eng. Bldg. 1, Rm 132)	Science & Technology in Japan (Eng. Bldg. 1, Rm 131) Ecosystem Management (Liberal Arts & Sciences – Main Bldg, 3F, Rm SIS5) Civil Engineering & Policies for Developing Countries II (Eng Bldg. 9, 1F, Rm 911) From Oct.8	Planning & Design Studio for Historical Env. <2 <sup>nd</sup> qtr> (ES, 435)	Comparative Studies in Jurisprudence II: Uses of the Public Sphere (Law, Sem. Rm 905) Intro to Civil Eng. & Architecture (Eng. Bldg 8, Rm. 8-102)
(III) 13:00-14:30	Japanese Culture & Communication I (Letters, Rm. 131)	Overview of Adv. Electrical, Electronic & Information Eng. (Eng. Bldg. 1, Rm 132)	漢字 1000 (IEEC, Rm 201)	Planning & Design Studio for Historical Env. <2 <sup>nd</sup> qtr> (ES, 435)	Intro to Civil Eng. & Architecture (Eng. Bldg 8, Rm. 8-102)
	日本語学・日本語教育学 I<J> (IEEC, Rm 207E)	Perspectives in Mathematical Sc. II/IV (Grad. School of Mathematics Bldg., Rm 109)	Special Lect. & Sem: Yomiuri Shimbun Special Lect. - Comp. Asian Corporate Theory (Law, Sem. Rm 911) From Oct. 8	Independent Thinking & Decision Making (Liberal Arts & Sc. – Main Bldg, 1F, Rm. C11)	
	漢字 2000 (IEEC, Rm 207W)	Linguistic Diversity & Education Policy: Plurilingualism in Europe & Japan (IEEC, Rm 207W)		Lect. on Int'l Development 1: Int'l Migration Theory (GSID, 6F, Lecture Rm 1) 日本文学 I (IEEC, Rm 207E)	Special Lect. & Sem: Private International Law (IRB Humanities & Soc. Sc., Rm 408)
(IV) 14:45-16:15	Studies in Jurisprudence: Law as Political Theory I B (Law, Lect. Rm 2)	Human Security and Law (GSID, 6F, Lect. Rm. 3 (613))	Special Lect. & Sem: Yomiuri Shimbun Special Lect. - Comp. Asian Corporate Theory (Law, Sem. Rm 911) From Oct. 8		Academic, Scientific, & Technical English (Eng. IB Bldg, Rm IB012) From Oct.10
		日本語文化入門 II<J> (Letters, Lect. Rm 237)	Teaching Practice in the Japanese Community (Poppins-After-School) From Oct. 8 Agricultural Science (Agric. Sc., Lect. Rm. 6) Law and Economics Workshop (Economics, Sem. Rm 11) 17:00-19:00		
(V) 16:30-18:00		Academic Japanese (L&P) I (IEEC, 301)	Academic Japanese (R&W) I (IEEC, 301)	Business Japanese I (IEEC, Rm 207E)	
		Academic Japanese (L&P) III (IEEC, 207E)	Academic Japanese (R&W) III (IEEC, 207E)	Business Japanese III (IEEC, Rm 207W)	
(VI) 18:15-19:45					

## 2. <Global 30 (G30) International Programmes>

Website for G30 programmes: <http://admissions.g30.nagoya-u.ac.jp/en/Program/>

### Undergraduate Programmes:

Detailed information on undergraduate G30 programmes, including course lists and syllabi:  
<http://admissions.g30.nagoya-u.ac.jp/en/Program/undergraduate/>

- Automotive Engineering      Mechanical & Aerospace Engineering  
Electrical, Electronic, & Information Engineering
- Biological Sciences      Biological Science  
Applied Biosciences
- Chemistry      Chemistry  
Chemical and Biological Engineering
- Fundamental & Applied Physics      Physics  
Physical Science and Engineering
- Social Sciences      Law and Political Science  
<http://www.law.nagoya-u.ac.jp/en/curriculum/g30/>  
Economics and Business Administration
- Japan-in-Asia Cultural Studies      Modern Literature, Cinema, Modern History  
<http://www.lit.nagoya-u.ac.jp/g30/>

### Graduate Programmes:

Detailed information on graduate G30 programmes:

<http://admissions.g30.nagoya-u.ac.jp/en/Program/graduate/>

Information on research groups and laboratories:

[http://admissions.g30.nagoya-u.ac.jp/en/Program/graduate/laboratories\\_groups.html](http://admissions.g30.nagoya-u.ac.jp/en/Program/graduate/laboratories_groups.html)

- Science/Bioagricultural Sciences/  
Medicine      Biological & Bioagricultural Sciences
- Science/Engineering      Chemistry
- Languages and Cultures      Comparative Studies of Language and Culture  
(<http://www.lang.nagoya-u.ac.jp/G30/clc/pdf/course-descriptions-14fall.pdf>)
- Economics      Economics & Business Administration
- Medicine      Medical Science
- Science/Mathematics      Physics & Mathematics
- Japan-in-Asia Cultural Studies      Humanities

## 3. <Courses in the Student's Major Taught in Japanese >

Students participating in NUPACE are eligible to register for most courses offered to degree-seeking students at Nagoya University, provided that they have a suitable academic background and possess level N1 of the Japanese Language Proficiency Test (JLPT). Access to online information on individual schools and departments is available at <http://www.nagoya-u.ac.jp/about-nu/org/sch-list/>.

The following is a list of Nagoya University's schools and corresponding departments, with details on courses and syllabi available at the URLs listed beneath the departments:

### 学部レベル:

文学部:      哲学、文明論、歴史学、文化史学、文学、言語学、環境・行動学  
<http://syllabus.lit.nagoya-u.ac.jp/>

教育学部:      生涯教育学科、学校教育学科、国際教育文化学、心理行動学科、発達臨床学科

<http://www.educa.nagoya-u.ac.jp/school/index.html>

- 法学部: 基礎実定法学、基礎政治学、現代基礎法学、紛争処理法制、企業経済法制、公共政策、国際関係、法政情報  
<http://infosv.law.nagoya-u.ac.jp/syllabus/as/v/ngo/law/ug/14/pubList>
- 経済学部: 理論経済、応用経済、企業経営、情報会計  
[http://www.soec.nagoya-u.ac.jp/btm/under\\_gr/school.html](http://www.soec.nagoya-u.ac.jp/btm/under_gr/school.html)
- 情報文化学部: 複雑システム、数理情報、環境システム、環境法系システム、社会地域環境、心理システム、メディア社会  
<http://www.sis.nagoya-u.ac.jp/aboutsis/gakka.html>
- 理学部: 数学、物理学、化学、生物科学、地球惑星科学  
<http://www.sci.nagoya-u.ac.jp/education/index.html>
- 医学部: 解剖学、生理学、生化学、病理学、微生物学、医動物学、免疫学、法医学、衛生学、公衆衛生学、予防医学、内科学、神経内科学、外科学、胸部外科学、整形外科学、産婦人科学、眼科学、精神医学、小児科学、皮膚科学、泌尿器科学、耳鼻咽喉科学、放射線医学、麻酔学、口腔外科学、脳神経外科学、老年科学、救急医学、臨床検査医学  
<http://www.med.nagoya-u.ac.jp/medical/1804/index.html> (medicine)  
基礎看護学、臨床看護学、発達看護学、地域・住宅看護学、基礎放射線技術学、医用放射線技術学、基礎検査学、病因・病態検査学、基礎理学療法学、病態理学療法学、基礎作業療法学、病態作業療法学  
<http://www.met.nagoya-u.ac.jp/SCHOOL/kyoiku.html> (health sciences)
- 工学部: 応用科学、分子化学工学、生物機能科学、材料工学、応用物理学、量子エネルギー工学、電気電子工学、情報工学、機械システム工学、電子機械工学、航空宇宙工学、環境土木工学、建築学  
<http://www.engg.nagoya-u.ac.jp/school/index.html>
- 農学部: 生物環境科学、資源生物科学、応用生命科学  
<http://www.agr.nagoya-u.ac.jp/agricultural/age-program.html>

## 大学院レベル:

- 文学研究科: 比較人文学、日本文化学、てつがく、言語学、東洋学、日本私学、東洋史学、西洋史学、美術史学、考古学、日本文学、日本語学、西洋文学、西洋語学  
<http://syllabus.lit.nagoya-u.ac.jp/public/index>
- 教育発達科学研究科: 生涯教育学、学校情報環境学、相関教育科学、高等教育学、生涯スポーツ科学、心理社会行動科学、精神発達臨床科学、スポーツ行動科学  
<http://www.educa.nagoya-u.ac.jp/graduate/index.html>
- 法律研究科: 基幹法、政治学、現代法システム論、国際・比較法政、アジア法政  
<http://infosv.law.nagoya-u.ac.jp/syllabus/as/v/ngo/law/gs/14/pubList>
- 経済学研究科: 市場・制度分析、社会経済分析、制作システム分析、社会環境システム、企業システム、経営改新、情報創造  
[http://www.soec.nagoya-u.ac.jp/btm/graduate/grad\\_sch.html](http://www.soec.nagoya-u.ac.jp/btm/graduate/grad_sch.html)
- 理学研究科: 素粒子宇宙物理学専攻、物質理学専攻、生命理学専攻  
<http://www.sci.nagoya-u.ac.jp/graduate/rigaku.html>
- 医学系研究科: 分子総合医学専攻、細胞情報医学専攻、機能構築医学専攻、健康社会医学専攻、医科学専攻医療行政コース、看護学専攻、医療技術学専攻、リハビリテーション療法学専攻



攻  
<http://www.med.nagoya-u.ac.jp/medical/1854/igakubakushikatei.html> (medicine)  
<http://www.met.nagoya-u.ac.jp/NAVI/entrance-g.html> (health sciences)

工学研究科: 科学・生物工学専攻、マテリアル理工学専攻、電子情報システム専攻、機械理工学専攻、航空宇宙工学専攻、社会基盤工学専攻、結晶材料工学専攻、エネルギー理工学専攻、量子工学専攻、マイクロ・ナノシステム工学専攻、物質制御工学専攻、計算理工学専攻  
<http://www.engg.nagoya-u.ac.jp/graduate/index.html>

生命農学研究科: 生物圏資源学専攻、生物機構・機能科学専攻、応用分子生命科学専攻、生命技術科学専攻  
<http://www.agr.nagoya-u.ac.jp/graduate-school/grsc-4major.html>

国際開発研究科: 国際開発専攻、国際協力専攻、国際コミュニケーション専攻  
<http://www.gsid.nagoya-u.ac.jp/global/faculty/index.html>

多元数理科学研究科: 基幹数理、自然数理、社会数理、数理分析、高次元相  
<http://www.math.nagoya-u.ac.jp/ja/admission/2014/research.html>

国際言語文化研究科: 日本語文化学、日本語教育学、応用言語学、比較日本文学、現代日本語学、日本語教育方法論、多元文化論、先端文化論、アメリカ言語文化、東アジア言語文化、ヨーロッパ言語文化、ジェンダー論、メディアプロフェッショナル論  
<http://www.lang.nagoya-u.ac.jp/koza.html>

環境学研究科: 地球環境科学専攻、都市環境学専攻、社会環境学専攻  
<http://www.env.nagoya-u.ac.jp/syllabus/cur/syllabus.php>

情報科学研究科: 計算機数理科学専攻、情報システム学専攻、メディア科学専攻、複雑系科学専攻、社会システム情報学専攻  
<http://www.is.nagoya-u.ac.jp/intro/dept.html>

創薬科学研究科: 創薬有機化学、創薬生物科学、創薬分子構造学  
<http://www.ps.nagoya-u.ac.jp/research/>

### 3. Notes on Other Courses/その他の授業について

Students participating in NUPACE are 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 (pp. 43~44) 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:

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(43-44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. Students may not register for any sport/physical exercise courses.
2. Students may not take more than one foreign language course 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入れマニュアル』.

1. 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。
2. 日本語の授業を除き、一学期に履修できる外国語の授業は一つまでです。

### 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。

(日本語の場合)

6 ページ→2 単位    18 ページ→6 単位  
12 ページ→4 単位    24 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。

## 4. Grading System/成績について

### 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 transcripts will contain the names of courses studied, class contact hours, number of credits awarded, letter grades and scores out of one hundred. 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 ECTS (European Credit Transfer and Accumulation System) scale.

### 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いけません。この履修単位の条件を満たさなかった場合、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。NUPACE生は名古屋大学の評価方式によるものと、それをECTS(ヨーロッパ単位互換制度)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。

NU Grading System		ECTS 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 ECTS grading system)

Students who take subjects for credit 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'.

Students, who during the semester find that they wish to 'drop' a class, should notify both the NUPACE Office and International Student Exchange Division by **Friday, 31 October 2014**. 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 each semester. Research work presented to the NUPACE Office must have the stamp of the student's academic advisor on the title page.

#### **Report submission deadline for autumn 2014 semester: Friday, February 6, 2015**

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・留学生担当者のための短期留学生受け入れマニュアル』.

授業科目を履修登録した場合は、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」となりません。

授業の履修を止める際には、**2014年10月31日(金)**までに必ず NUPACE オフィスおよび国際学生交流課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、各学期末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ければなりません。

#### **報告書の提出締切り(2014年度後期):2015年2月6日(金)**

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け入れマニュアル』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: ISHIZAKI Toshiko

Place: Int'l Education & Exchange Centre <IEEC>. 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*, Business Japanese, 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.

**Textbook:**

## Courses in Japanese & Other Languages

Materials compiled and edited by ILC, 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.

**Textbook:**

「名古屋大学日本語コース中級I」compiled and edited by the Japanese Language Education Research Group, Nagoya University (2012)

### **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.

**Textbook:**

「名古屋大学日本語コース中級II」compiled and edited by the Japanese Language Education Research Group, Nagoya University (2012)

### **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 ILC, 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 ILC, 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.

#### **2. Pre-intermediate to Advanced Japanese (1 credit per class <2 hours>, maximum five classes <10 hours> per week x 14 weeks)**

At these higher levels, students are encouraged to devise their own Japanese language curriculum according to individual needs. Twenty-five classes covering five levels are offered, which are divided amongst the skill areas of conversation (C), reading (R), listening (L), grammar and discourse (G), and

## Courses in Japanese & Other Languages

writing (W). Students may opt to take between one and five of these classes at a level determined by the result of their placement test.

### Standard Japanese Course Structure

Japanese Level	Class Name					Textbook
Elementary I	SJ101					<i>A Course in Modern Japanese Vol. 1</i>
Elementary II	SJ102					<i>A Course in Modern Japanese Vol. 2</i>
Pre-intermediate	SJ200 (C1 & C2)	SJ200(R)	SJ200(L)	SJ200(G)		To Be Announced
Intermediate I	SJ201 (C1 & C2)	SJ201(R)	SJ201(L)	SJ201(G)		『名古屋大学日本語コース中級I』
Intermediate II	SJ202 (C1 & C2)	SJ202(R)	SJ202(L)	SJ202(G)		『名古屋大学日本語コース中級II』
Pre-Advanced	SJ300(C1)	SJ300(C2)	SJ300(R)	SJ300(L)	SJ300(G)	To Be Announced
Advanced	SJ301(C)	SJ301(W1)	SJ301(W2)	SJ301(R)	SJ301(L)	To Be Announced

- NB.** 1. Students wishing to attend conversation classes at the pre-intermediate or intermediate levels (SJ200/SJ201/SJ202) must register for both C1 & C2  
 2. Students may not take the same skill class at two different levels.

## II. Intensive Course in Japanese

### 1. Elementary to Pre-intermediate Japanese (10 credits; 20 hours per week x 14 weeks)

Two comprehensive classes, Elementary Japanese I (covering elementary levels I and II) and Elementary Japanese II (covering the elementary II and pre-intermediate levels), are offered. They encompass all four skill areas.

### 2. Pre-intermediate to Intermediate Japanese II (2 credits per class <4 hours>, maximum five classes <20 hours> per week x 14 weeks)

At these higher levels, students are encouraged to devise their own Japanese language curriculum according to individual needs. Ten classes covering three levels are offered, which are divided amongst the skill areas of conversation (C), reading (R), listening (L), and grammar and discourse (G). Students may opt to take between one and five of these classes at a level determined by the result of their placement test.

#### Intensive Japanese Course Structure (Elementary I to Pre-intermediate)

Japanese Level	Class Name		Textbook
Elementary I	IJ111		<i>A Course in Modern Japanese Vol. 1</i>
Elementary II		IJ112	<i>A Course in Modern Japanese Vol. 2</i>
Pre-intermediate			To Be Announced

#### Intensive Japanese Course Structure (Pre-intermediate to Intermediate II)

Japanese Level	Class Name/Skill								Textbook	
	Conversation 1	Conversation 2	Reading		Listening		Grammar/Discourse			
Pre-intermediate		IJ211 (C1 & C2)		IJ211 (R)		IJ211 (L)		IJ211 (G)	To Be Announced	
Intermediate I	IJ212 (C1)		IJ212 (C2)		IJ212 (R)		IJ212 (L)		IJ212 (G)	『名古屋大学日本語コース中級I』
Intermediate II									『名古屋大学日本語コース中級II』	

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

## 3. Academic Japanese (Listening and Presentation) I

## Courses in Japanese & Other Languages

In this course, students will acquire listening comprehension skills for longer audio segments and learn how to make simple academic presentations. Students will develop a basic understanding of presentations using presentation software while learning pertinent vocabulary and expressions. Class materials are designed for lower-level intermediary students.

Course material: *Saisho no ippo kara hajimeru nihongogakushusha to nihonjingakusei no tame no akademikku prezenteshon nymon*, Hituzi Shobo KK

Assessment criteria: Attendance: 30%, participation: 30%, midterm: 20%, final: 20%

### 4. Academic Japanese (Reading and Writing) I

In this course, students will acquire fundamental reading and composition skills to read and write simple reports in specialized fields as well as analytical texts such as dissertations. The course aims to develop skills to comprehend and compose texts ranging in length from short to long, while at the same time reviewing beginner-level vocabulary, grammar, and Japanese characters. Class materials are designed for lower-level intermediary students.

Course material: 『大学・大学院 留学生の日本語①読解編』アルク

『大学・大学院 留学生の日本語②作文編』アルク

Assessment criteria: Attendance: 30%, participation: 30%, midterm: 20%, final: 20%

### 5. Academic Japanese (Listening and Presentation) III

In this course, students will practice listening to longer audio segments (in the form of lectures, TV programs, presentations, and the like), and formulate their opinion on these. The course also aims to teach students how to respond appropriately (agree, disagree) to opinions presented by fellow students. Class materials are designed for advanced students.

Course material: 『聴解・発表ワークブック —アカデミック・スキルを身につける』犬飼康弘著 スリーエーネットワーク

*Chokai Happy Workbook – Academic skill wo minitsukeru*, 3A Corporation

Assessment criteria: Attendance: 30%, participation: 30%, midterm: 20%, final: 20%

### 6. Academic Japanese (Reading and Writing) III

In this course, students will acquire the skills to read reports in specialized fields and academic articles as well as write reports or dissertations related to their own research focus. The course aims to develop skills to comprehend the relationship between paragraphs, and comprehend and write longer coherent texts. Class materials are designed for higher-level intermediate to lower-level advanced students.

Course material: 『大学・大学院 留学生の日本語③論文読解編』アルク

『大学・大学院 留学生の日本語④論文作成編』アルク

Assessment criteria: Attendance: 30%, participation: 30%, midterm: 20%, final: 20%

### 7. Business Japanese I

In this course, students will learn business Japanese starting from the fundamentals. Based on various themes, students will develop the communication styles and conversational ability required in Japanese business settings. The course also covers fundamental business expressions. The course is designed for upper-level beginner to lower-level intermediate students.

Course material: 『新装版 ビジネスのための日本語 初中級』スリーエーネットワーク

Assessment criteria: Attendance: 30%, participation: 30%, midterm: 20%, final: 20%

## Courses in Japanese & Other Languages

### 8. Business Japanese III

In this course, students will learn Japanese expressions required for business, as well as cultural elements inherent in Japanese business practices. Students will develop business manners and expressions by watching applicable footage and engaging in other activities that approximate real business situations. They will also read and write short business texts. The course is designed for upper-level intermediate to lower-level advanced students.

Course material: 『新装版 商談のための日本語 中級』 米田隆介・藤井和子・重野美枝・池田広子共著スリーエーネットワーク

Assessment criteria: Attendance: 30%, participation: 30%, midterm: 20%, final: 20%

### 9. 漢字< Kanji >1000

This class is aimed at students who have mastered approximately 300 *kanji*, and concentrates on the 1000 *kanji* covered at levels N3~N2 of the Japanese Language Proficiency Test.

漢字300字程度を学習した学生を対象に、日本語能力試験N3-N2程度の漢字1000字を目標に学習する。

**Textbook:**

『漢字マスター Vol. 3 2級漢字1000』

### 10. 漢字< Kanji >2000

漢字1000字程度を学習した学生を対象に、日本語能力試験N2の上からN1程度の漢字約2000字およびその語彙を学習する。

**Textbook:**

『日本語学習のための よく使う順 漢字2100』

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

**NB. The following courses are taught in Japanese and require at least level N2 of the Japanese Language Proficiency Test (JLPT) or equivalent.**

### 1. 国際関係論 I (Global Society I)

Co-ordinator: KIM Kyungmook

Class: Mondays, 13:00~14:30

Place: International Education & Exchange Centre, Rm. 207E

人間が暮らすどの共同体や社会においても争いは絶えない。そのような争いをなくすことは可能なのだろうか。紛争と和解を国際政治学的な視点から扱う。

**Topics to be covered:**

戦争の条件、平和の条件。戦争がなぜ終わらないのか。そして、どうすれば平和が実現するのかについて国際関係論、平和研究の視点から考える。

**Topics to be covered:**

- 1 戦争が必要なとき
- 2 覇権国と国際関係
- 3 デモクラシーの国際政治
- 4 大国の凋落・小国の台頭
- 5 領土と国際政治



## Courses in Japanese & Other Languages

- 6 過去が現在を拘束する
- 7 ナショナリズムは危険思想か
- 8 平和の条件
- 9 平和の人類学
- 10 平和をつくる
- 11 平和を伝える
- 12 平和を問い直す
- 13 事例分析
- 14 事例分析
- 15 事例分析とまとめ

### Reference Materials:

藤原帰一『戦争の条件』集英社新書、2013年。

### Evaluation:

出席、小レポート、期末レポートなど

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

Co-ordinator: UKIBA Masachika  
Class: Thursdays, 13:00~14:30  
Place: International Education & Exchange Centre, Rm. 207W

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

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

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

### Topics to be covered:

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

## Courses in Japanese & Other Languages

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 30%
2. テスト 70%

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

Co-ordinator: MOMIYAMA Yosuke  
Class: Fridays, 13:00~14:30  
Place: International Education & Exchange Centre, Rm. 201

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・靱山洋介『よくわかる言語学入門』バベル・プレス  
町田健・靱山洋介他『言語学大問題集 163』大修館書店  
靱山洋介『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

## Courses in Japanese & Other Languages

### 5. 日本文学 I (Japanese Literature I)

Co-ordinator: TOKUHIRO Yasuyo  
Class: Thursdays, 14:45~16:15  
Place: International Education & Exchange Centre, Rm. 207E

日本の詩歌について時代を追って鑑賞します。日本文学 I では、奈良時代から江戸時代までの和歌、俳句などをとりあげます。

#### Topics to be covered:

1. 日本の詩歌について
2. ふじのたかねに
  - ・『万葉集』1 長歌、短歌
3. あかねさす
  - ・『万葉集』2 雑歌、相聞、挽歌
4. 生きとし生けるもの
  - ・『古今和歌集』和歌の修辞 1
5. からころも
  - ・『伊勢物語』歌物語
6. 唯見る長江の天際に流るるを
  - ・唐詩 (李白、杜甫他)
7. はなもみじも
  - ・『新古今和歌集』和歌における美意識
8. 願はくは花の下にて
  - ・他の歌集から
9. せをはやみ
  - ・『百人一首』
10. むべ山風を嵐と
  - ・歌会 和歌の修辞 2
11. ほのかにゆめに
  - ・歌謡、連歌
12. 星崎の闇を見よとや
  - ・俳句 1 芭蕉
13. 月は東に日は西に
  - ・俳句 2 蕪村、一茶他
14. テスト (時間内に作文)

#### Reference Materials:

ハンドアウト随時配布

#### Evaluation:

出席 20%  
授業内提出物 60%  
テスト 20%

## Graduate School of Languages & Cultures (GSLC)

The Graduate School of Languages and Cultures offers a variety of language courses (Ainu, Chinese, English, French, German, Italian, Korean, Russian, Portuguese, 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 (IEEC Lobby), or NUPACE Office.

### Course Registration – English

#### 1. Continuing Students

**Registration Period:** Tue, Sep 16~Fri, Sep 19 at 09:00~17:00  
**Class Placement:** Notice-board <university-wide courses>, 1F, Liberal Arts & Sciences – Main Bldg (School of Informatics & Sciences) as well as Graduate School of Languages & Cultures (GSLC) counter, Office, 1F, IRB Humanities & Social Sciences, at 9:00 on Thu, Sep 25.

#### 2. Newly-Arrived Students Only

- 1) On **Tue, Oct 1**, check the relevant announcement 「とくべつえいごせみならあきくらすいちらん特別英語セミナー空きクラス一覽」 on the “university-wide courses” (ぜんがくむけじゅぎょう全学向け授業) notice-board of the Liberal Arts & Sciences – Main Bldg. (School of Informatics & Sciences) (1F) for any English course vacancies. Please note that a class of 20 students is considered full, and that you cannot apply for it.

## Courses in Japanese & Other Languages

- 2) Students interested in taking a course, should obtain a yellow course registration form at the Graduate School of Languages & Cultures (GSLC) counter (Office, 1F, IRB Humanities & Social Sciences).
- 3) After filling out the form, submit it to the same counter during the following period: Wed, Oct 1~Mon, Oct 6 (09:00~12:00; 13:00~17:00), making sure also to take along your original TOEFL/TOEIC/IELTS score-sheet. The minimum requirement is TOEFL 527 (iBT 71)/TOEIC 663/IELTS 5.5.
- 4) Class allocation is based upon the course registration form data submitted by students. Due to oversubscription of certain classes, not all students can be guaranteed a place.
- 5) Class placement announcement: Tue, Oct 7 at 09:00 on the “university-wide courses” notice-board, 1F, Liberal Arts & Sciences – Main Bldg (School of Informatics & Sciences) as well as Graduate School of Languages & Cultures (GSLC) counter, Office, 1F, IRB Humanities & Social Sciences.

### 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). 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, insert another section of the registration form, labelled ‘For Office Use’, into the “course application box” at the GSLC counter between Wed, Oct 1~Tue, Oct 21 (9:00~17:00).

**NB.** English language classes commence on Wed, Oct 1, 2014 (Wed, Oct 8 for newly-arrived students). Classes in languages other than English commence on Wed, Oct 1. Students who miss the first class of any language course are rendered ineligible to enrol.

International Education and Exchange Center (IEEC)

**1. Linguistic Diversity and Education Policy: Plurilingualism in Europe and Japan**

Co-ordinator: OYAMA Seiko (oyama@iee.nagoya-u.ac.jp)  
Class: Tuesdays, 14:45~16:15  
Place: International Education & Exchange Center, Room 207W

This course intends to offer students critical perspectives with language education in terms of respecting cultural diversity. To study the implications of “Plurilingualism” in Europe and Japan, students will discuss three principal issues, “Foreign Language Education”, “National Minority Language” and “Ethnic Minority Language”. The comparative studies of these issues in two regions will give students new insights to deal with the problems that might occur in multicultural societies.

**Topics to be covered:**

2. Introduction to the Course
3. What is “Plurilingualism”?
4. Foreign Language Education Policies: Recent Development in European countries
5. National Minority's Rights: How are they respected in European countries?
6. Language Education for Ethnic Minorities (1)
7. Language Education for Ethnic Minorities (2): Cases in England and France
8. “Plurilingualism” in Japan?
9. Foreign Language Education Policies in Japan: English as a Foreign Language Education
10. National Minorities' Rights in Japan?
11. Ethnic Minorities in Japan: Who are they?
12. Education for Ethnic Minorities in Japan: Case study in a local area
13. “Plurilingualism” in other Asian countries (1)
14. “Plurilingualism” in other Asian countries (2)
15. Final Exam

**Reference Materials:**

A list of reading materials will be distributed in the first class of the course.

**Evaluation:**

Attendance and class participation: 40%  
Class Presentation: 30%  
Writing Assignment (Short Essay Exam): 30%

**2. Teaching Practice in the Japanese Community**

Co-ordinator: Claudia ISHIKAWA (k46189a@cc.nagoya-u.ac.jp)  
Class: Teaching Practice Sessions: 16:30~18:00 once per week (Wednesdays) from November 5, 2014 to January 14, 2015 (8 times). Each class will consist of 60 minutes of teaching time, and 30 minutes of interaction with the children.  
Place: Teaching Practice Sessions: Nagoya University Poppins After-School  
Maximum Capacity: 6 Students

**Prerequisites:** Native English-speaker or TOEFL score of 600 PBT/100 iBT, or equivalent.

**Students interested in registering for this programme should contact Claudia Ishikawa at k46189a@cc.nagoya-u.ac.jp or in ECIS Rm. 205 by Friday, October 4, 2014. Admission to the course is generally on a first-come-first-served basis.**

This course involves teaching English to, and developing a rapport/playing with approximately fifteen elementary school-aged children (aged six to twelve) at Nagoya University's childcare centre,

## Courses in the Student's Major

“Poppins-After-School”. Students will be required to devise an English-language curriculum (which may include the teaching of basic theme-oriented vocabulary using visual aids; playing educational games and simple sports, etc.), and then, in accordance with the curriculum, teach the pupils rudimentary-level English. Those students, who at the end of the semester submit a report describing their teaching practice experience, will receive 2 credits.

A brief orientation will be held for participants at 16:30 on Wednesday, October 8 in IEEC Room 207W, and a site-visit to Poppins-After-School will be arranged before the teaching sessions commence.

### **Evaluation:**

1. English-Language Lesson Plan: 20% (2 sides A4-sized paper + Poppins prescribed lesson plan form; submission deadline: Wednesday, Wednesday October 22, 2014.)
2. Final Report: 80% (4~6 sides of A4-sized paper; submission deadline: Wednesday, January 21, 2015.)

## Institute of Liberal Arts and Sciences

### **1. Career and Life Development I, II**

Co-ordinator: Go YOSHIDA (goyoshida@gmail.com)  
Class: Tuesdays, 10:30~12:00  
Place: Liberal Arts and Sciences – Main Building, 1F, Room S11  
Maximum Capacity 1~2 NUPACE Students

**NB:** These courses are intended for graduate students, but may be open to undergraduates, depending on enrolment.

After departing the hallowed halls of university, for most students, the working world awaits. There and in the greater adult world, a different set of skills are needed to succeed. This ‘pre-working world’ class is designed for students to learn, through theory and practice, some of the pertinent skills needed, while at the same time gaining a better understanding of the current labour market and in particular a few companies here in Japan (through a trip to Tokyo). The ultimate goal of this class is to better prepare students for life after university.

My classes go beyond the ‘academics’ and are designed to develop life skills—skills needed in life regardless of major, profession, or aspiration—by stimulating both mind and heart. This takes shape in the form of a three-way approach to teaching—through class time, assignments, and individual meetings. Through these classes, engaged students will be better prepared for life after university, through the transformation of the mind.

### **Desired Learning Outcomes:**

1. Understanding the current labor market and the professional work environment
2. Ability to choose a career path after university
3. Developing effective self-development and self-management skills
4. Developing effective interpersonal skills

### **Topics to be covered:**

5. Decision Making
6. Motivation and Discipline
7. Self-Development
8. Time Management
9. Physical Development
10. Relational Management
11. Mental Development

## Courses in the Student's Major

12. Purpose and Courage
13. Is This the Right Job for Me?
14. The Macro Labour Market

### **2. Independent Thinking and Decision Making**

Co-ordinator: Go YOSHIDA (goyoshida@gmail.com)  
Class: Thursdays, 14:45~16:15  
Place: Liberal Arts and Sciences – Main Building, 1F, Room C11  
Maximum Capacity 2~3 NUPACE Students

Whether it is deciding on what to have for lunch or which career to pursue after graduation, our lives are primarily a result of the choices or decisions we've made. And the choices we make are greatly influenced by the thoughts we have and ruminate in our minds. In this class, we will examine how we think and make decisions, and cover some useful decision making frameworks to enable healthier thinking and better life decisions for both immediate and long term results. In particular, we will examine the mind and how, when controlled, our minds can be the basis for success.

My classes go beyond the 'academics' and are designed to develop life skills—skills needed in life regardless of major, profession, or aspiration—by stimulating both mind and heart. This takes shape in the form of a three-way approach to teaching—through class time, assignments, and individual meetings. Through these classes, engaged students will be better prepared for life after university, through the transformation of the mind.

#### **Desired Learning Outcomes:**

1. Developing a broader understanding of the self
2. Developing an understanding of how we think and make decisions
3. Ability to think clearly and independently
4. Ability to work in groups with broader awareness
5. Ability to make purposeful decisions

#### **Topics to be covered:**

- The Greatest Thing We Possess
- Who Controls You?
- Paradigms
- Negative Thoughts
- Blaming
- Fear
- Decision Making

## School of Agricultural Sciences

### **Agricultural Science**

Co-ordinator: MURASE Jun  
Class: Wednesdays, 16:30~18:00  
Place: School of Agricultural Sciences, Lecture Room 6

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

## Courses in the Student's Major

bioscience.

### **Topics to be covered:**

- |                                     |  |
|-------------------------------------|--|
| 1. Introduction                     | (MURASE Jun)                               |
| 2. Ecology of Irrigated Rice Fields | (MURASE Jun)                               |
| 3. International Co-operation       | (ITO Kasumi)                               |
| 4. Basic Reproductive Endocrinology | (TSUKAMURA Hiroko)                         |
| 5. Molecular Insect Sciences        | (NIIMI Teruyuki)                           |
| 6. Genetically Modified CropsI      | (TANIGUCHI Mitsutaka/Joyce Abad CARTAGENA) |
| 7. Enzyme Engineering I             | (IWASAKI Yugo)                             |
| 8. Basic Crop Science               | (YAMAUCHI Akira)                           |
| 9. Group Discussion                 | (MURASE Jun)                               |
| 10. Remarks                         | (MURASE Jun)                               |

### **Evaluation:**

Evaluation is based on attendance and written reports.

## School of Economics

### **1. Advanced Income Theory II**

Co-ordinator: ARAYAMA Yuko (Office Hours: Wed afternoon)  
Class: Tuesdays, 13:00~14:30  
Place: School of Economics, Lecture Room 3

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

### **Topics to be covered:**

1. Introduction: Microeconomic Foundations of Macroeconomics
2. Introduction: Major Economic Indicators and National-Income Accounting
3. Economic Growth: Barro's Interpretation of the Solow Model (One-sector Growth Model)
4. Economic Growth: Long-Run Economic Growth
5. Markets in Macroeconomics: Household Budget Constraints
6. Markets in Macroeconomics: Consumption, Saving and Investment
7. Economic Fluctuations: Business Cycle Model
8. Money and Prices: The Demand for Money
9. Money and Prices: Inflation, Money Growth and Interest Rates
10. The Government Sector: Government Budget Constraint and Expenditure
11. The Government Sector: Tax and Public Debt
12. Money and Business Cycles: The Price-Misperception Model
13. Money and Business Cycles: Sticky Prices and Nominal Wage Rates
14. International Macroeconomics: World Markets in Goods and Credit
15. International Macroeconomics: Purchasing-Power Parity (PPP) and Exchange Rates

### **Textbook/Reference Materials:**

R.J. Barro, *Macroeconomics: A Modern Approach*, Thomson, 2008  
N. Gregory Mankiw, *Macroeconomics*, Sixth Edition

### **Evaluation:**



## Courses in the Student's Major

Mid-term and final examination.

### 2. Economic Theory and Applications II

Co-ordinator: ARAYAMA Yuko (Office Hours: Wed afternoon)  
Class: Mondays, 13:00~14:30  
Place: School of Economics, Lecture Room 3

This lecture deals with the General Theory of Market Equilibrium with Household Production in order to foster a basic understanding of economics. This general equilibrium is intrinsically dynamic in its nature due to a household production formulated by Professor Becker.

#### Topics to be covered:

1. From Arrow to Becker: the Generalization of Economic Theory to Include Household Activity
2. Review of Neo-Classical Theory of Time Allocation & Theory of Time Allocation Reconsidered
3. Microeconomic Foundation for Aggregate Industrial Production Functions: CRS vs. DRS, Inada Condition, Inner vs. Outer, Per-worker vs. Per-capita
4. Dynamic One-sector Growth Model: Modified Golden Rule and Ramsey Model: The Determination of per-capita amount of Capital
5. One-sector General Equilibrium Model without Using Time at Households for Given Time Preference and Technology: Commodity Price, Labour as Numeraire and Unit-value Isoquant; Dimension of Variables
6. A General Equilibrium Model with Explicitly Defined Household Production: Defining a Household and Household Production Function; State of Art Technology and LR Market Equilibrium
7. General Theory of Market Equilibrium: Production Function with Capital Depreciation
8. Capital Utilisation, Money, Bond and Further

#### Textbook/Reference Materials:

G.S. Becker, *Economic Theory*, Alfred A. Knopf, 1971  
R.J. Barro, *Macroeconomics: A Modern Approach*, Thomson, 2008

#### Evaluation:

Mid-term examination and term paper.

### 3. International Accounting B

Co-ordinator: NOGUCHI Akihiro (Office Hours: Fridays, 09:00~10:00, via appointment)  
Class: Fridays, 10:30~12:00  
Place: School of Economics, Seminar Room 7

**Prerequisites:** Ability to discuss international accounting in English. Participation by NUPACE students is contingent upon there being places available in the class.

**NB.** The first class of this course is scheduled on Wednesday, October 1.

The lecture is intended to provide an opportunity for students to learn and understand international aspects of accounting.

#### Topics to be covered:

- Oct 1** Introduction to International Accounting  
**Oct 10** Causes and examples of international differences  
**Oct 17** International classification of financial reporting  
**Oct 24** International harmonisation  
**Oct 31** Financial reporting by listed groups

## Courses in the Student's Major

Nov 7	International Financial Reporting Standards
Nov 14	Different versions of IFRS practice
Nov 28	Financial reporting in the United States
Dec 5	Key financial reporting issues
Dec 12	Political lobbying on accounting standards
Dec 19	Financial reporting in China
Dec 25	Financial reporting in Japan (1)
Jan 9	Financial reporting in Japan (2)
Jan 23	Financial reporting in Japan (3)
Jan 30	Summary

### **Textbook:**

Christopher Nobes & Robert B. Parker, *Comparative International Accounting*, Financial Times Prentice Hall; 12th Revised, ISBN-13: 978-0273763796.

### **Evaluation:**

Attendance, oral presentation in English, homework, and essay.

## **4. Law and Economics Workshop**

Co-ordinators:	ARAYAMA Yuko (Office Hours: Wed afternoon) MATSUURA Yoshiharu (Office Hours: by appt via matuura@nagoya-u.ac.jp)
Class:	Wednesdays, <b>17:00~19:00</b> (every two weeks; check the workshop calendar)
Place:	School of Economics, Seminar Room 11

**NB.** This is a one-year course, which students may commence in either April or September. Those students attending for one semester only cannot receive credits. They may, however, sit in on the classes. The course calendar should be checked regularly on the School of Economics website.

This workshop is jointly-organised by the Schools of Economics and Law to promote a theoretical and practical understanding of legal regulations imposed on economic activities. A minimum of 15 sessions will be held during the year according to the class calendar. The workshop will discuss the following topics in Law & Economics to help promote an understanding of human behaviour, social contracts and legal structure in our modern society. The workshop will also invite several prominent scholars and practitioners in the field of law and economics to present their ideas.

### **Topics to be covered:**

Introduction: Law and Economic Activities

Topic 1: Market Activities and Law

Economic Behaviour of Households and Firms  
Projection of Economic Activities to Law

Topic 2: Property Rights and Property Law

Institutional Arrangements of Law for Property  
An Economic Theory of Property Rights

Topic 3: Contract Law

Topics in the Economics of Contract Law  
An Economic Theory of Contract

Topic 4: Tort Liability and Tort Law

Automobile Accidents and Human Causalities  
Economics of Tort Liability  
Transaction Costs and Property Rights

Topic 5: Special Topics in Law and Economics

Transaction Costs and Economic Efficiency of Institutional Arrangements  
Abuse of Superior Bargaining Position: What is monopoly all about?  
F. Hayek and the Rule of Law

## Courses in the Student's Major

### **Textbook:**

Robert Cooter & Thomas Ulen, *Law and Economics 4<sup>th</sup> ed.*, Pearson (2003).

### **Reference Materials:**

Students are strongly recommended to check the Becker-Posner Blog (<http://www.becker-posner-blog.com/>).

### **Evaluation:**

Students should pick one or several topics crossly related to their interest on the Becker-Posner Blog, make one presentation (15 min) at the WS and submit one report (2-3 pages) based on the presentation in order to earn credit. Students in doctoral courses are welcome to make presentations on their own research topics at the WS. Needless to say, active participation in the WS leads to a higher evaluation.

## School of Engineering

### **1. Academic, Scientific, and Technical English**

Co-ordinator: Laurence DRYDEN ([dryden51@me.com](mailto:dryden51@me.com))  
Class: Fridays, 16:30~18:00 (seven sessions in total: Oct 10, Oct 24; Nov 7; Nov 21; Dec 5; Dec 19; Jan 9)  
Place: School of Engineering IB Building, Room IB012

**NB.** This class commences on Friday, October 10.

This series of special lectures, conducted entirely in English, provides guided practice in written and spoken English in academic, scientific, and technical contexts. Lectures include illustrated presentations and activities for students to apply their learning. The series is open to native speakers and non-native speakers of English.

### **Topics to be covered:**

1. Course overview, self-introductions, Q&A; why effective writing and speaking skills matter
2. English grammar and usage: Articles and nouns; verbs and verb phrases; formal/informal word choice
3. Readability I: Sentences and paragraphs
4. Readability II: Passive voice and parallelism
5. Readability III: The language of academic and scientific papers
6. Making presentations in seminars and conferences
7. Sayonara: CVs, job applications, and job satisfaction

### **Reference Materials:**

Students receive all printed materials for each lecture from the instructor. They also receive extensive annotated bibliographies of resources for academic, scientific, and technical English.

### **Evaluation:**

Attendance and participation: Students who attend five or more lectures and participate earnestly in activities receive one credit. More detailed information will be given at the first lecture.

### **2. Civil Engineering and Policies for Developing Countries II**

Co-ordinator: NAKAMURA Tomoaki ([tnakamura@nagoya-u.jp](mailto:tnakamura@nagoya-u.jp))  
Class: Wednesdays, 13:00~14:30 (for details, please check the course schedule)  
Place: School of Engineering, Building 9, 1F, Room 911

**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, Oct 8, 2014

## Courses in the Student's Major

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

### **Topics to be covered:**

Oct 8 (13:00~14:30)	Orientation (NAKAMURA Tomoaki)
Oct 15 (13:00~16:15)	Advanced soft soil improvement technology and its application in Japan, the U.S. and Southeast Asian countries (NOZU Mitsuo)
Oct 29 (13:00~14:30)	Coastal disaster mitigation (TOMITA Takashi)
Dec 10 (13:00~14:30)	ICHARM's activities to mitigate water-related disasters in the world (SUZUKI Atsushi)
Dec 10 (14:45~18:00)	Bridge deterioration and suggestions for future maintenance in developing countries (MIYAUCHI Hidetoshi)
Dec 17 (13:00~14:30)	Japan's co-operation in disaster management towards mainstreaming disaster risk reduction (NAGAISHI Masafumi)
Dec 24 (13:00~14:30)	International port development project (NAKANISHI Masatoki)
Dec 24 (14:45~18:00)	Transport infrastructure development in developing countries (FUJITOMI Takayuki)
Dec 25 (13:00~18:00)	Infrastructure development and development aids (TOTSUKA Natsuko)
Jan 14 (13:00~14:30)	Sustainable usage of woody biomass: A case study of the history of Japanese forestry (OOBA Makoto)

### **Reference Materials:**

To be distributed in class

### **Evaluation:**

Students will be evaluated on attendance and written reports after each lecture.

## **3. Introduction to Civil Engineering & Architecture**

Co-ordinator:	MIZUTANI Norimi (789-4630)
Class:	Fridays, 13:00~16:15 (Lessons will be held two to three times a month)
Place:	School of Engineering, Building 8, Room 8-102

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 building material experiments, energy conservation, and the recent development of regional disaster mitigation activities.

### **Topics to be covered:**

Oct 3	Orientation (N.Mizutani)
Oct 10	Lecture and Site-visit 1: Architecture and culture – Nagakute Culture Center (H. Shimizu)
Nov 7	Lecture and Site-visit 2: Architecture and culture – Nagoya Castle Hommaru Place (H. Shimizu)
Nov 14	Lecture 1: Social infrastructure and civil engineering (1) (Y. Matsui <Central Nippon Expressway Co., Ltd>)
Nov 21	Site-visit 3: Highway Traffic Control Center and Highway (Central Nippon Expressway Co., Ltd)
Nov 28	Site-visit 4: Construction of new expressway (Central Nippon Expressway Co., Ltd)
Dec 5	Lecture 2: Social infrastructure and civil engineering (2) (Y. Matsui <Central Nippon Expressway Co., Ltd>)

## Courses in the Student's Major

Dec 19 Lecture and Site-visit 5: Nagoya University Disaster Mitigation & Management Office  
(J. Tobita)

(Note: Admission fee of ¥500 for Nagoya Castle Hommaru; transportation fees for site-visits 1 and 2 are necessary)

### **Evaluation:**

Students will be evaluated on attendance and written reports.

## **4. Overview of Advanced Electrical, Electronic & Information Engineering**

Co-ordinator: YOKOMIZU Yasunobu  
Class: Tuesdays, 13:00~14:30 (**13:00~17:00 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 taught. The plant visits introduce students to advanced practices in vehicular, electronic power, and communication technologies.

### **Topics to be covered:**

1. Introduction to Electric Power Equipment and Transmission Systems (N. Hayakawa)
2. Introduction to Superconductivity (Y. Yoshida)
3. Electron Microscopy and Its Applications (T. Tanji)
4. Advanced Magnetics and Spin-electronics (S. Iwata)
5. Introduction to Superconductor Digital Electronics (A. Fujimaki)
6. Introduction to Computer Hardware (H. Ando)
7. Visible Light Communication for Automotive Applications (T. Yamazato)
8. Visit to CHUBU ELECTRIC POWER CO., INC. (S. Sugimoto <arranged by N. Hayakawa>)
9. Visit to Japan Fine Ceramics Center (T. Hirayama <arranged by T. Tanji>)
10. Visit to DENSO CORPORATION (Y. Takasu <arranged by M. Katayama>)

### **Evaluation:**

Written reports after each lecture and plant visit.

## **5. Science & Technology in Japan**

Co-ordinator: NISHIYAMA Kiyohisa (nishiyama.kiyohisa@e.mbox.nagoya-u.ac.jp)  
Class: Wednesdays, 13:00~14:30  
Place: School of Engineering, Bldg. 1, Room 131

This course introduces the history, the current state and future prospects of R&D (research and development) in various sectors related to the field of engineering in Japan. This class consists of “omnibus-style” lectures, all provided in English.

### **Topics to be covered:**

1. Technological Innovations in Disaster Risk Management (Emanuel LELEITO)
  - Introduction to Disaster Management
  - Technological Innovations in Disaster Risk Management
  - Class discussion on Technological Innovations in Disaster Risk Management
2. Embedded Computing Systems (Gang ZENG)
  - Fundamentals and Trends
  - Low Energy Design
  - Automotive Applications
3. Introduction to Technologies in Micro and Nano meter (Kiyohisa NISHIYAMA)
  - Fundamentals
  - Applications

## Courses in the Student's Major

- Class Discussion on Future Trends

### **Textbook:**

Lecture materials will be distributed during at each lecture.

### **References:**

Michael Barr and Anthony Massa, *Programming Embedded Systems, Second Edition*, O'Reilly Media, 2006.  
Henkel, Jeorg and Sri Parameswaran, *Designing Embedded Processors: A Low Power Perspective*, Springer, 2007.  
*Disaster Management in Japan*, Cabinet Office, Government of Japan (available online)  
<http://www.bousai.go.jp/1info/pdf/saigaipanf.pdf>  
Mohamed Gad-el-Hak (ed.), *Large-Scale Disasters: Prediction, Control, and Mitigation*, Cambridge University Press (2008/6/23), ISBN-10: 0521872936.  
Marc Madou, *Fundamentals of Microfabrication*, CRC Press, 1997.

### **Evaluation:**

Attendance	30%
One report per lecture:	40%
Final presentation:	30%

## Graduate School of Environmental Studies

### **1. Climate Change Policies**

Co-ordinator: SUGIYAMA Noriko (n.sugiyama@nagoya-u.ac.jp)  
Class: Mondays, 13:00~14:30  
Place: Graduate School of Environmental Studies, Lecture Room 2

The objective of the course is to provide students with basic facts and knowledge on policy measures pertaining to climate change. Distinguished external lecturers will give lectures, in addition to lectures by the course coordinator. The basic facts that the students should know are contents of the United Nations Framework Convention on Climate Change and the Kyoto Protocol. Furthermore, other related matters such as climate change and cities, and energy policy will be explained.

This course has a unique style. The course looks forward to the 21<sup>st</sup> Conference of the Parties (COP21) to the United Nations Framework Convention on Climate Change (UNFCCC) and will simulate the conference negotiations. All students are required to participate in a model UNFCCC COP21, assuming hypothetical roles of delegation parties, and make presentations on the parties' policies. Some lectures will be scheduled irregularly. Hence, kindly be advised to attend the first lecture/orientation.

### **Topics to be covered:**

1. Introduction: Plan of the course
2. Science of Climate Change
3. History of Climate Policy
4. Climate Agreements
5. Climate Policy of Japan
6. Presentation by students and discussion 1
7. Presentation by students and discussion 2
8. Presentation by students and discussion 3
9. Presentation by students and discussion 4
10. Renewable Energy Policy
11. International Climate negotiation
12. Model UNFCCC COP21 negotiation 1
13. Model UNFCCC COP21 negotiation 2
14. Model UNFCCC COP21 negotiation 3

## Courses in the Student's Major

15. Model UNFCCC COP21 negotiation 4

### **Reference Materials:**

UNFCCC website: <http://unfccc.int/2860.php>

IPCC website: <http://www.ipcc.ch>

IPCC (2014). *Fifth Assessment Report (AR5)* <http://www.ipcc.ch/report/ar5>

(Other references will be specified at each lecture.)

### **Evaluation:**

Presentation: 50%

Reports: 50%.

**NB.** Credits will not be awarded where the student's attendance is less than 80%.

## **2. Ecosystem Management**

Co-ordinator: NATUHARA Yoshihiro ([natuhara@nagoya-u.ac.jp](mailto:natuhara@nagoya-u.ac.jp))

Class: Wednesdays, 13:00~14:30

Place: Liberal Arts & Sciences – Main Building, 3F, Room SIS5

The objective of this class is to provide students with fundamental concepts of ecology for ecosystem management, which integrates scientific knowledge toward a goal of protecting ecosystem integrity without damaging its resilience. This class focuses on the ecological concepts and methods to realise societies in harmony with nature. Students are expected to learn methodology of ecosystem management for sustainable use of ecosystem services by integrating multiple disciplines.

### **Topics to be covered:**

- 1 Ecosystem with evolutionary process
- 2 Population models and sustainable resource management
- 3 Inter-specific interaction
- 4 Uncertainty and non-equilibrium of ecosystems
- 5 Risk and adaptive management
- 6 Geographic Information System and landscape planning
- 7 Promotion of biodiversity by multi-stakeholders

### **Reference Materials:**

*Readings in Ecology*, Oxford University Press

*Essentials of Conservation Biology*, Fifth Edition, Sinauer

Some basic references will be distributed in class.

### **Evaluation:**

Report 50%, Class attitude 20%, Presentation 30%

## **3. Environmental Industry Systems**

Co-ordinator: TANIKAWA Hiroki ([tanikawa@nagoya-u.ac.jp](mailto:tanikawa@nagoya-u.ac.jp))

Class: Thursdays, 10:30~12:00

Place: Graduate School of Environmental Studies, Lecture Room 1

The course consists of, 1) lectures by environmental industries located in the Chubu area; 2) presentations and/or discussions amongst students, 3) discussions between students and industry representatives. The industries are prominent companies mainly in the field of manufacturing. Note that the students are strongly recommended to take "Theory of Environmental Resources Management".

### **Reference Materials:**

References will be specified in each lecture.

## Courses in the Student's Major

### **Evaluation:**

Presentations and/or discussions: 100%

**NB.** Credits will not be awarded where the student's attendance is less than 80%.

### **4. Planning and Design Studio for Historical Environment**

Co-ordinator: NISHIZAWA Yasuhiko (nisizawa@corot.nuac.nagoya-u.ac.jp)  
Class: Thursdays, 13:00~16:15 (2<sup>nd</sup> Quarter: 27 November 2014~)  
Place: Engineering and Science Building (ES), 4F, Room 435, 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. In practice, this year students are requested to draw up proposals for the preservation and renewal of an old wooden building "Nakamura Koen (Park) Kinenkan" built in 1910 in Nakamura Park in western Nagoya. Students may propose to convert this building into a community centre, providing new facilities for neighbours, visitors, and Nagoya citizens.

### **Grading Criteria:**

Evaluation is based on the following three points:

1. Conception
2. Programme and planning
3. Presentation

### **Evaluation:**

Presentation of work in final review: 100%

### **5. Studio Workshop of Architectural Design**

Co-ordinators: KATAGI Atsushi (katagi@corot.nuac.nagoya-u.ac.jp)  
Class: Thursdays, 8:45~12:00 (1<sup>st</sup> Quarter: 2 October 2014 ~ 20 November 2014)  
Place: Engineering and Science Building (ES), 4F, Room 435, Graduate Student Studio  
Class Capacity: Maximum of 2 NUPACE students

**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 within a given site and programme, that aims to develop the student's skills in analysis, design and presentation. This academic year, students are requested to do a field survey of a superblock around a suburban railway station in the Nagoya metropolitan area to grasp its physical and social characteristics, and then to propose their own architectural design on a site within the superblock. Details of the subject and schedule will be announced at the beginning of the design studio.

### **Reference Materials:**

Barrie Shelton (2012). *Learning from the Japanese Cities: Looking East in Urban Design*, Routledge.

### **Evaluation:**

Submission of required drawings and model and oral presentation at the jury: 100%

### **6. Sustainability and Environmental Studies**

Co-ordinator: TANIKAWA Hiroki (tanikawa@nagoya-u.ac.jp)  
Class: Fridays, 10:30~12:00



## Courses in the Student's Major

Place: Graduate School of Environmental Studies, Lecture Room 2

The objective of the course is to provide students with several definitions, views, interpretations, and analyses of the notion of sustainability. The lectures are to be given by several lecturers, who may include external guest researcher(s). Sustainability covers broad areas. It is therefore inevitable that the course consists of various topics. The course tries to clarify the topics from three viewpoints, namely, 1) society and/or social sciences, 2) observation and data by natural sciences, and 3) an urban and spatial perspective. One common element that should be noted here is 'safety'.

### **Topics to be covered:**

1. Orientation
2. What is "Sustainability" and "Sustainable Development"?
3. Sustainable Transport Systems
4. Global Change Monitoring by Remote Sensing
5. Safe Production and Consumption of Chemical Products
6. Creating Urban Green Infrastructure
7. Present Status of Scientific Understanding of Global Warming
8. Natural Disasters and Society: Case-study of the 2004 Tsunami and its Effects on Aceh, Indonesia
9. Kosa and Desertification
10. Sustainable Material Use and Low-carbonisation Society
11. Open Discussion
12. Open Discussion
13. Open Discussion
14. Report Submission and Wrap-Up Discussion

### **Reference Materials:**

References will be introduced at the beginning of the course, and distributed at each lecture.

### **Evaluation:**

Reports: 100%

## **7. Water and Waste Management Engineering**

Co-ordinator: Victor MUHANDIKI (victor@urban.env.nagoya-u.ac.jp)

Class: Thursdays, 08:45~10:15

Place: Graduate School of Environmental Studies, Lecture Room 1

Water pollution and solid waste are some of the major environmental problems facing our society today. In this class we will learn about various technologies and measures applied in drinking water supply, control of pollution of water bodies, and solid waste management.

### **Topics to be covered:**

1. The hydrologic cycle
2. Water treatment and water supply systems
3. Operation and management of water supply systems
4. Discussion: Should water supply be privatised?
5. Domestic wastewater treatment systems
6. Cost of domestic wastewater treatment systems
7. Point and non-point sources of pollution
8. Estimation of point and non-point source pollution load
9. Point and non-point source pollution control measures
10. Design of solid waste handling facilities (I)
11. Design of solid waste handling facilities (II)
12. Solid waste treatment facilities in Nagoya
13. Open Discussion
14. Presentation (about water and/or waste issues in home country)

## Courses in the Student's Major

15. Presentation (about water and/or waste issues in home country)

### Reference Materials:

Reference materials will be distributed during class.

Davis, M.L. and D.A. Cornwell (1998). *Introduction to Environmental Engineering*. McGraw-Hill, Inc., New York, USA.

Dixon J.A., L.F. Scura, R.A. Carpenter and P.B. Sherman (1994). *Economic Analysis of Environmental Impacts*. Earthscan, London, UK. (also available in Japanese)

Helmer, R. and I. Hespanhol (1997). *Water Pollution Control: A Guideline for the Use of Water Quality Management Principles*. E&FN Spon, London, UK.

Hester, R.E. and R.M. Harrison (2002). *Environmental and Health Impact of Solid Waste Management Activities*. The Royal Society of Chemistry, Cambridge, UK.

International Lake Environment Committee Foundation, ILEC (2007). *Integrated Lake Basin Management: An Introduction*. International Lake Environment Committee Foundation, Kusatsu, Japan. (available online at <http://www.ilec.or.jp>) (also available in Japanese)

International Lake Environment Committee Foundation, ILEC (2005). *Managing Lakes and their Basins for Sustainable Use: A Report for Lake Basin Managers and Stakeholders*. International Lake Environment Committee Foundation, Kusatsu, Japan. (available online at <http://www.ilec.or.jp>) (also available in Japanese)

International Lake Environment Committee Foundation, ILEC (2003). *World Lake Vision: A Call to Action*. International Lake Environment Committee Foundation, Kusatsu, Japan. (available online at <http://www.ilec.or.jp>) (also available in Japanese)

Metcalf & Eddy, Inc. (1991). *Wastewater Engineering: Treatment and Reuse*. McGraw-Hill, Inc., New York, USA.

Ministry of the Environment, Japan (2003). *Annual Report on the Environment in Japan 2003: Local Communities Leading the Transition to a Sustainable Society*. Ministry of the Environment, Japan, Tokyo, Japan. (available online at: <http://www.env.go.jp>)

Novotny, V. and P. Brown, eds. (2007). *Cities of the Future: Towards Integrated Sustainable Water and Landscape Management*. IWA Publishing, London, UK.

Novotny, V. (2003). *Water Quality: Diffuse Pollution and Watershed Management*. John Wiley & Sons, Inc., New York, USA.

Okada, M. and S.A. Peterson (1999). *Water Pollution Control Policy and Management: The Japanese Experience*. Gyosei, Tokyo, Japan. (also available in Japanese)

Tchobanoglous G., H. Theisen and R. Eliassen (1977). *Solid Wastes: Engineering Principles and Management Issues*. McGraw-Hill, Inc., New York, USA.

World Commission on Dams, WCD (2000). *Dams and Development: A New Framework for Decision-Making, The Report of the World Commission on Dams*. World Commission on Dams. (available online at <http://www.dams.org/>)

World Water Council, WWC (2000). *World Water Vision Commission Report: Vision for Water, Life and the Environment*. (available online at <http://www.worldwatercouncil.org>)

### Evaluation:

Reports: 50%

Examination: 50% (Students with an attendance rate exceeding 80% are eligible for the exam)

## Graduate School of International Development (GSID)

### 1. Educational Development Planning and Evaluation (教育開発計画・評価論)

Co-ordinator: YONEZAWA Akiyoshi

Class: Tuesdays, 08:45~10:15

## Courses in the Student's Major

Place: Grad. School of International Development (GSID), Seminar Room 6 (515)

This course aims to consider the role of higher education within the framework of educational development planning and evaluation. Higher education plays an essential role in the contemporary knowledge-based society, and has its own context distinguished from primary and secondary education. At the same time, education planning and evaluation is inevitably linked to issues of access to higher education, brain drain and brain gain typically occurring at the higher education level.

### **Topics to be covered:**

1. Historical origins of modern higher education
2. Access and equity in higher education
3. Knowledge economy and higher education
4. Assessment of international cooperation in higher education.

Participants are expected to examine the role and value of international cooperation in higher education.

## **2. Human Security and Law (人間の安全保障と法)**

Co-ordinator: YAMAGATA Hideo

Class: Tuesdays, 16:30~18:00

Place: Graduate School of International Development (GSID), Lecture Room 3 (613)

**NB.** This course is open to all NUPACE graduate students, and those undergraduate students affiliated to the School of Law.

The objective of this course is to understand security issues in the framework of the Charter of the United Nations. First, the collective security system is dealt with in comparison with the old balance of powers policy. Second, the changing system of the UN collective security after 1990 will be addressed. Last, lectures will be given on the newly-emerged concept of human security. The standpoint from which this course is offered is international law. This is a law course. If you have no knowledge of international law you are strongly advised to take the course "International Cooperation Law" in the spring semester.

### **Topics to be covered:**

1. Introduction
2. Overview of the UN Collective Security System
3. Korean War and Voting Procedures in the SC
4. Uniting for Peace Resolution
5. Peace-keeping Operations
6. Non-Intervention Principle and the Binding Decision of the SC
7. The Concept of "Threat to Peace"
8. Authorisation to Use Force in the Gulf War
9. Humanitarian Intervention
10. Responsibility to Protect and Human Security
11. Writing Pleadings for Moot Court 1
12. Writing Pleadings for Moot Court 2
13. Moot Court Competition 1
14. Moot Court Competition 2
15. Moot Court Competition 3

### **Reference Materials:**

Materials to be used for this course will be distributed in class.

### **Evaluation:**

Grades will be assessed on the basis of active participation in discussions (60%) and a report based on the pleading or judgement (40%).

## Courses in the Student's Major

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

Co-ordinators: YONEZAWA Akiyoshi & KUSAKA Wataru  
Class: Wednesdays, 13:00~14:30  
Place: Graduate School of International Development (GSID), 8F, Auditorium

**NB.** This course 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.

#### **Topics to be covered\*:**

1. Introduction
- 2-3. Economics
4. Governance and Law
- 5-6. Education
- 7-8. Social Development
- 9-10. Agricultural/Rural Development
- 11-12. Peace-building
13. Wrap-up Session

\*More details will be provided during the first session on October 1.

#### **Reference Materials:**

Relevant materials will be introduced in each class.

#### **Evaluation:**

Class participation and weekly comment papers.

### 4. Lecture on Int'l Development 1: International Migration Theory (国際人口移動論)

Co-ordinator: ASAKAWA Akihiro  
Class: Thursdays, 14:45~16:15  
Place: Graduate School of International Development (GSID), 6F, Lecture Room 1

In this class, various aspects of the current phenomenon on international migration will be considered. Topics covered include immigration control, social integration, remittances, impact for accepting and sending countries, refugee recognition, etc. To understand current immigration issues, Australian radio news on immigration related topics will be introduced in every class.

#### **Topics to be covered:**

1. Introduction
2. Basic theory of international migration
3. Education and migration
4. South-south migration
5. Governance of migration policy
6. Unskilled migration
7. Student migration
8. Irregular migration
9. Demography and migration
10. Asylum (refugee) migration
11. "Migration" from Japan to North Korea

## Courses in the Student's Major

12. Demographic change and migration
13. Migration and the role of remittances
14. Women and international migration
15. Conclusion

### **Reference Materials:**

Relevant materials will be introduced during the course.

### **Evaluation:**

Participation: 30%  
Presentation and Discussion: 70%

## Graduate School of Languages and Cultures (GSLC)

### **1. Topics in the Geography & Culture I: Ethics in major religious traditions**

Co-ordinator: Simon POTTER  
Class: Tuesdays, 10:30~12:00  
Place: Liberal Arts and Sciences – Main Building, 1F, Room N105

The principal objective of the class is to do some projects connected to the subject of ethics, especially in regard to major religions in the world. The class meetings will be devoted to discussing the sections in the textbook which deal with ethics in regard to Hinduism (under the rubric of rāja yoga), Buddhism, Judaism, Christianity, Islam, Confucianism, and Taoism. Each week, students will be expected to write a short essay of approximately 500 words related to the assigned section, and these essays might be integrated into the class discussions. Besides the weekly assignments, students will be required to do a longer, individual research-based project that will be due in the penultimate week of term; this will be a “term paper” of 2000 to 3000 words of text, supplemented by notes and references, and each student's theme will need to be approved after consultation with the professor early in the term.

### **Reference Materials:**

*An Interview with Prānavichāra about the Subject of Ethics* (2014 version, ¥1200), which will be made available by the professor from the first class meeting.

### **Evaluation:**

Weekly activities (principally written essays): 60%  
Term paper: 40%

## Graduate School of Law

### **1. Comparative Studies in Jurisprudence II: Uses of the Public Sphere – Good Practice vs. Corruption**

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, on the one hand, will draw upon theory of liberal democracy and the constitutional state. On the other, it will ask students to address scenarios testing their practical knowledge and rectitude. We will have participation from practitioners and experts as necessary. Students will give oral presentation of assigned topics during the course. A short research paper is also required as the final essay. International and Japanese students are invited to attend.

## Courses in the Student's Major

Course objectives comprise:

- Better understanding of the social responsibilities of the legal profession, government officials and the business person.
- Better appreciation of the functions of the public sector and the role of public administration and the judiciary.
- Based on theoretical understanding of the situation and practical, visceral uptake through role-playing, skill in dealing with difficult moral situations.

### **Reference Materials:**

To be announced.

### **Evaluation:**

Participation (oral country report and other class activities): 15%

Assignments: 60%

Final essay: 25%

## **2. Comparative Studies in Politics II: Japanese Diplomacy and Int'l Politics**

Co-ordinator: MIURA Satoshi

Class: Wednesdays, 08:45~10:15

Place: School of Law, Seminar Room 905

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

### **Topics to be covered:**

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

### **Reference Materials:**

To be announced.

## **3. Professional Studies in International Economic Law II: Problems of Int'l Economic Law**

Co-ordinator: MIZUSHIMA Tomonori

Class: Tuesdays, 08:45~10:15

Place: School of Law, Seminar Room 905

Prerequisites: Some prior knowledge of international law is useful but not essential.

This course is designed to examine some problems of international economic law, including the World Trade Organisation legal system and international investment law. The course topics will be chosen in consultation with students. In 2013, we took up various articles in *International Investment Law and General International Law: From Clinical Isolation to Systemic Integration?* (Rainer Hofmann & Christian J. Tams (eds.), 2011). Students are expected to undertake presentations on assigned topics and make positive contributions to class discussion.

### **Reference Materials:**

World Trade Organisation, *The Legal Texts: The Results of the Uruguay Round of Multilateral Trade Negotiations* (Cambridge UP).

### **Evaluation:**

## Courses in the Student's Major

Students will be assessed by a report, as well as their presentations and contributions to class discussion.

### **4. Professional Studies in International Human Rights Law II: Seminar on Human Rights and Refugee Law**

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

**NB.** This class is open only to students majoring in law.

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.

#### **Evaluation:**

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

### **5. Special Lecture & Seminar: Private International Law**

Co-ordinator: KIM Eunsuk  
Class: Fridays, 16:30~18:00  
Place: IRB Humanities and Social Sciences, Room 408

**NB.** This class is open only to students majoring in law. A maximum of three NUPACE students may participate.

This is an introductory course to private international law (conflict of laws). The field of law called private international law deals with private-law relationship and civil proceedings having international implications. These days this field of law attracts special attention from both academia and practitioners as international disputes in private sector are increasing year by year. But still, it is considered that the rules of private international law remain too-technical and too complicated to understand. This introductory course will help you develop an overall understanding of the current private international law issues. In this course, we will examine the current conflict-of-laws system from a comparative and historical perspective and deal with private international law issues in terms of applicable law (choice of law), jurisdiction, recognition and enforcement of foreign judgments.

#### **Reference Materials:**

J.H.C. Morris, *The Conflict of Laws*, 7th ed., Sweet & Maxwell, 2009.  
C.M.V. Clarkson, Jonathan Hill, *The Conflict of Laws*, 4th ed., Oxford University Press, 2011.  
Dicey, Morris and Collins, *The Conflict of Laws*, 14th ed., Sweet & Maxwell 2006.  
Symeon C. Symeonides, *American Private International Law*, Kluwer Law International, 2008.

#### **Evaluation:**

Participation: 30%  
Presentation: 30%  
Final Report 40%

### **6. Special Lecture & Seminar: Workshop on International Negotiation**

Co-ordinator: Frank BENNETT  
Class: Thursdays, 8:45~12:00 (once every two weeks)  
Place: School of Law, Seminar Room 911

## Courses in the Student's Major

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

<http://sam3.pbworks.com/w/page/8850551/2007%20International%20Business%20Negotiation>

### Reference Materials:

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

### Evaluation:

Statement of objectives:	10%
Class attendance & participation:	40%
Final report:	50%

## 7. Special Lecture & Seminar: Yomiuri Shimbun Special Lecture – Comparative Asian Corporate Theory

Co-ordinator: OHKOHCHI Minori (ohkohchi@law.nagoya-u.ac.jp)  
Instructors: Journalists from the *Yomiuri Shimbun's* Tokyo Office  
Class: Wednesdays, 14:45~16:15 (~18:00)  
Place: School of Law, Seminar Room 911

**NB.** This class commences on Wednesday, October 8.

Lecturers from the Tokyo Office of The Yomiuri Shimbun will conduct this course in English, based on their on-the-spot news covering activities in Japan and many other countries, including the United States, as well as teaching experiences in California. A series of topics related to Japan and other Asian countries will be included in the lecture. The objective of this course is not only to provide students with global visions and to prepare themselves as future leaders of their respective countries, but also to promote their interests in the task of news reportage.

### Evaluation:

Participation (attendance) and submission of a report at the end of the course.

## 8. Studies in Jurisprudence: Law as Political Theory I B

Co-ordinator: MORIGIWA Yasutomo  
Class: Mondays, 16:30~18:00 (class held every two weeks)  
Place: School of Law, Lecture Room 2

This bi-weekly course, with one credit given for each semester, introduces students to the world of legal and political theory, especially that of liberal democracies. Burning questions students have on political power and public order will be examined, and the role of the law therein explained. To facilitate the inquiry, theories of law and state by Hobbes, Locke, Rousseau, Kant, Hegel and Marx, as well as their contemporary counterparts developed by Hart, Dworkin, Raz and Rawls may be discussed. The course will be taught in English, with summaries in Japanese as necessary. International and Japanese students are welcome. The day and time of class is subject to change upon discussion with the participants.

### Reference Materials:

John Rawls - *Lectures on the History of Political Philosophy*  
John Rawls - *Lectures on the History of Moral Philosophy*

### Evaluation:

Participation:	30%
Oral Presentation:	30%



## Courses in the Student's Major

Final Essay: 40%

### School of Letters

#### 1. Japanese Culture and Communication I

Co-ordinator: YASUI Eiko (eyasui@lit.nagoya-u.ac.jp)  
Class: Mondays, 14:45~16:15  
Place: School of Letters, Room 131

This course on Japanese communication aims to provide the students with an interdisciplinary overview of how language and culture of Japanese form the ways people communicate, examining various linguistic phenomena in Japanese everyday conversations. Through this class, students will be provided with resources to understand the behaviour of people in Japan as well as other cultures, necessary to become a better communicator in an intercultural context. Students should expect to work in groups and participate in discussions and in-class group works.

#### **Topics to be covered:**

Japanese society and communication

- Communication (model and organisation)
- Socio-cultural systems and linguistic phenomena
- Interpersonal relationships and language (kinship terms, personal reference terms, etc.)

Politeness in Japanese communication

- Terms of address and politeness
- Politeness theory
- Politeness in various forms

#### **Reference Materials:**

Bonvillain, N. (1993). *Language, culture, and communication: The meaning of messages*. Pearson.  
Brown, P. & Levinson, S. (1987). *Politeness*. Cambridge University Press.  
Hall, E.T. (1976). *Beyond culture*. Anchor Books.

#### **Evaluation:**

Participation/attendance: 20%  
Two assignments: 30%  
Final exam 50%

\*Details to be given in class.

#### 2. 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 N2 (or 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:**

1. 「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？

## Courses in the Student's Major

2. 「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？
3. 「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？
4. 「ホーカにケッタマシンで郵便局行ったら、どえりゃあ疲れてまった」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

### Perspectives in Mathematical Sciences II (Graduate)/IV (Undergraduate)

Co-ordinators:	OHTA, Hiroshi, OKADA, Soichi, NAGAO, Taro
Class:	Tuesdays, 14:45~16:15
Place:	Graduate School of Mathematics Building, Room 109

This course is designed as one of the English courses which the Graduate School of Mathematics provides for 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 mathematical science.

**Prerequisites:** Knowledge of basic undergraduate mathematics including calculus and linear algebra.

### Topics to be covered:

#### A. OHTA Hiroshi: Introduction to Mirror Symmetry and Lagrangian Floer theory

Mirror Symmetry, which originally came from physics, predicts certain equivalence between symplectic geometry (symplectic invariants) of a symplectic manifold  $X$  and complex geometry (complex invariants) of its mirror complex manifold  $X$ . Nowadays various versions/levels of Mirror Symmetry conjecture are known, and some of them are proved for some cases. In this course, I will give a very rough introductory lecture on certain mathematical aspects of Mirror Symmetry. Although many branches of mathematics are related to this subject, the symplectic geometric viewpoints will be emphasised.

Oct 7, Oct 14, Oct 21, Oct 28. After brief overview of Mirror Symmetry, I will focus on Lagrangian Floer theory which is a basic ingredient in Mirror Symmetry. If time permits, I will also discuss some applications to concrete problems in symplectic geometry.

### Reference Materials:

- [1] 深谷賢治, シンプレクティック幾何学, 岩波書店.
- [2] D. Cox, S. Katz, *Mirror Symmetry and Algebraic Geometry*, AMS (1999).
- [3] K. Fukaya, Y-G. Oh, H. Ohta, K. Ono, *Lagrangian intersection Floer theory*, AMS/IP. (2009).

#### B. OKADA Soichi: Pfaffians and Their Applications

If  $X$  is a skew-symmetric matrix of even size, then the determinant  $\det X$  is equal to the square of a polynomial  $PfX$  in the entries of  $X$ . This polynomial  $PfX$  is called the Pfaffian of  $X$ . On the other hand, the determinant of an arbitrary square matrix is expressed as the Pfaffian, so the Pfaffian can be regarded as a generalization of the determinant. Moreover, many determinant identities are derived from Pfaffian identities. Pfaffians, as well as determinants, play an important role in many areas of mathematics, including combinatorics, representation theory and integrable systems. This course will

## Courses in the Student's Major

introduce the basics and present some of the applications of Pfaffians.

Lecture 1. Definition and properties of Pfaffian

Lecture 2. Pfaffian identities

Lecture 3. Application to combinatorics

Lecture 4. Application to symmetric functions

### Reference Materials:

I will not use a textbook. The following references might be useful:

- [1] M. Ishikawa and S. Okada, *Identities for determinants and Pfaffians, and their applications*, Sugaku Expositions 27 (2014), 85-116.
- [2] R. Hirota, *The Direct Method in Soliton Theory*, Cambridge University Press, 2004.

### C. NAGAO Taro: Introduction to Random Matrices

The theory of random matrices was originally introduced in mathematical statistics and then used in quantum and statistical physics. In the last few decades, there have been explosive developments in both the fundamental theory and applications of random matrices, such as quantum gravity, quantum chaos and non-equilibrium statistical mechanics. In this lecture, we will discuss the basic theory of random matrices, focusing on the standard Gaussian model.

- The Gaussian ensemble of random matrices
- Random matrices and orthogonal polynomials
- Eigenvalue distribution of random matrices

### Reference Materials:

- [1] Madan Lal Mehta, *Random Matrices*, 3<sup>rd</sup> edition, Elsevier, 2004.
- [2] Peter J. Forrester, *Log-Gases and Random Matrices*, Princeton University Press, 2010.

### Evaluation:

Attendance and report problems, as assigned by each instructor. The final grade will be decided according to the totality of the scores

## School of Science

### 1. Advanced Quantum Chemistry

Co-ordinator: YOKOGAWA Daisuke  
Class: Wednesdays, 10:30~12:00  
Place: School of Science Building B, Lecture Room 3 <B-116>

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

In complex reaction systems at high temperatures, following the minimum energy pathways on the potential energy surface is not only impossible, but will entirely neglect important entropic effects during the reactions. Quantum chemical molecular dynamics (QM/MD) simulations have recently elucidated the formation as well as erosion mechanisms of nanomaterials such as fullerenes, carbon nanotubes, and graphenes. In this class, all theoretical concepts important for QM/MD simulations will be covered.

### Topics to be covered:

In chemical reactions in solution, solute molecules are surrounded by a large number of solvent molecules. To elucidate such a system theoretically, we have to perform quantum mechanical (QM) calculation with solvation effect. In this class, theoretical concepts important for QM methods coupled with solvation theories will be covered.

### Topics to be covered:

## Courses in the Student's Major

1. Born-Oppenheimer approximation
2. Comparison: Molecular mechanics and quantum chemical methods
3. LCAO-MO theory; Hartree-Fock theory
4. Basis sets in quantum chemical calculations
5. The electron correlation problem: static and dynamic electron correlation (CASSCF, and CI and MP2 methods)
6. Density-based methods: Kohn-Sham theory, density functional theory (DFT)
7. Solvation theories: How to treat large number of particles
8. Polarizable continuum model (PCM)
9. QM-MM/MD
10. Reference interaction site model (RISM)

### **Textbook:**

Self-made scriptum

### **Reference Materials:**

*Modern Quantum Chemistry: Introduction to Advanced Electronic Structure Theory* (A. Szabo and N.S. Ostlund), Dover Publications, Inc.

*Computer Simulation of Liquids* (M. P. Allen and D. J. Tildesley), Oxford University Press, and a self-prepared script

### **Evaluation:**

Final Examination:	40%
Six Assignments:	10% each



**Nagoya University Program for Academic Exchange (NUPACE)**

International Education & Exchange Center, Nagoya University  
Furo-cho, Chikusa-ku, Nagoya, 464-8601 Japan  
nupace@iee.nagoya-u.ac.jp  
<http://nupace.iee.nagoya-u.ac.jp/en/>