

<b>Module Code</b>	
<b>Course Subject Classification</b>	Humanities and Social Sciences Core Subject
<b>Course Title</b>	Introduction to Philosophy
<b>Intended Students</b>	G30 Engineering & Agriculture
<b>Taught Year</b>	1st & 2nd years
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Wednesday 1st period (8:40-10:10)
<b>Subject Area</b>	
<b>Campus</b>	Ito campus
<b>Credit</b>	
<b>Course Tutor</b>	Gerald Cipriani
<b>TA</b>	
<b>Pre-requisites</b>	Reasonable knowledge of the English language
<b>Course Overview</b>	Introduction to the philosophy of science in relation to culture, religion, existence, and society.
<b>Study Objectives (general)</b>	The overall aim of this course is to develop to a high level students' ability to understand and critically reflect on particular philosophical issues that are relevant to scientific studies. Students will achieve this aim through research, writing, critical thinking, group discussion, lecture note-taking and oral presentation.
<b>Study Objectives (specific)</b>	By the end of the course students should be able to: 1. research and write a coherent essay (with citations) on a particular relevant topic. 2. make an academic oral presentation using audio-visual aids on the topic of their research. 3. take part actively in constructive and critical dialogues. 4. take effective, precise and rigorous notes from high-level academic lectures.
<b>Study consultation (office hour)</b>	Office: Gerald Cipriani: SCS-FLC Building, Room 230 Email: cipriani@flc.kyushu-u.ac.jp Students are welcome to ask for help and support during the semester. <u>Appointments must be made a week in advance by email</u>
<b>Course Plan</b>	Classes take the form of a combination of lecture-style presentations and group discussions. Essays, in-class exams, and a term paper will give practice in rigorous and critical academic writing in relevant subjects. Oral presentations followed by discussions will train students to express themselves clearly, coherently and with precision.  1 Introduction to the course 2. Philosophy and science 3. On the origin and nature of Science 4. Scientific models and nature (Aristotle) 5. Scientific discovery and certainty (Karl Popper) 6. Knowledge and subjectivity (Michael Polanyi) 7. Scientific knowledge and innovation (Thomas Kuhn) 8. Mid-term in-class exam 9. Philosophy and technology (Martin Heidegger) 10. Human being and mass society (Gabriel Marcel) 11. Society and technology (Jacques Ellul) 12. Mind and machines (Hubert Dreyfus) 13. Course review. Oral presentations skills 14. Students' presentations 15. Final in-class exam
<b>Textbooks</b>	There is no textbook. All learning materials will be provided by the instructor. Relevant excerpts will be taken from the following indicative texts: <i>Physics</i> by Aristotle (4th c. BCE), <i>The Origins of Species</i> by Charles Darwin (1859), <i>Science and Culture</i> by Thomas H. Huxley (1880), <i>The Question Concerning Technology</i> by Martin Heidegger (1954), <i>The Logic of Scientific Discovery</i> by Karl Popper (1959), <i>Personal Knowledge</i> by Michael Polanyi (1958), <i>The Structure of Scientific Revolutions</i> by Thomas Kuhn (1962), <i>Man against Mass Society</i> by Gabriel Marcel (1962), <i>The Technological Society</i> by Jacques Ellul (1964), <i>Mind over Machine</i> by Hubert Dreyfus (1986)
<b>Exams/Results Evaluation Method</b>	1. Mid-term in-class exam (500 words) 20% 2. Oral presentation + discussion 20% 3. Final in-class exam (500 words) 20% 4. Term homework paper 30% (2000 words) 5. Attendance 10%
<b>Others</b>	
<b>Link(s)</b>	Kyushu University: <a href="http://hyoka.ofc.kyushu-u.ac.jp/search/details/K003859/index.html">http://hyoka.ofc.kyushu-u.ac.jp/search/details/K003859/index.html</a> Gerald Cipriani: <a href="http://www.geraldcipriani.net">www.geraldcipriani.net</a>

<b>Course Subject Classification</b>	Humanities and Social Science Core Subject			
<b>Course Title</b>	<b>Introduction to Psychology</b>			
<b>Intended Students</b>	Engineering and Agriculture			
<b>Taught Year</b>	The 1st and 2nd year			
<b>Course Year</b>	2013 - 2014			
<b>Course Term</b>	Autumn Semester			
<b>Taught Day</b>	Wednesday, the 1st period (8.40-10.10)			
<b>Campus</b>	Ito campus, Center Zone 1, 1407 (4th floor)			
<b>credit</b>	2			
<b>Course Tutor</b>	Prof. Jan Lauwereyns			
<b>TA</b>	None			
<b>Pre-requisites</b>	There are no pre-requisites in terms of specific prior knowledge. The course, however, requires attendance. Attendance will be taken at the beginning of the class, by means of a quiz. These weekly quizzes will also count toward your final grade for the class (see below, under 'Evaluation Methods'). Students who attended fewer than 80% of the classes will be excluded from the exam. If you miss a class, please provide valid documentation to excuse your absence (e.g., medical certificate). If you cannot provide valid documentation, you will be offered an opportunity to make up for the missed class (and quiz) by writing a 500-word critical review on extra reading materials, to be assigned by			
<b>Course Outline</b>	<p>Course Overview:</p> <p>The course introduces psychology as a science devoted to human and social issues: an academic and applied discipline that incorporates empirical research from the social sciences, natural sciences, and humanities. Using a wide variety of experiments, observations, and surveys, psychologists attempt to understand the role of mental functions in individual and social behavior, while also exploring the underlying physiological and neural processes.</p>			
<b>Study Objectives (general)</b>	<p>Overall Objective:</p> <p>This course is designed to teach students the principles and main concepts of psychology as a science. Emphasis will be placed on the ability of critical thinking, and a basic understanding of the methods of empirical research.</p>			
<b>Study Objectives (specific)</b>	<p><u>Specific Goals:</u></p> <p>This course aims to achieve the following with respect to the understanding of psychology as a scientific discipline:</p> <p>A. Students can understand and correctly apply the basic principles of psychology  B. Students can identify psychological issues in society  C. Students can critically review general reports in the media about psychological issues  D. Students can evaluate the soundness of psychological studies</p>			
<b>Course Plan</b>	<p><u>Course Plan:</u></p> <p>The course consists of two sections. The first section is focused on the approaches and methods of psychology. The second section is focused on the basic functions of psychology, from perception to emotion, including social processes.  The students take part in weekly quizzes, write one essay of 1,500-2,500 words, and take part in a final exam (see "Evaluation Methods").</p> <p><u>Weekly Schedule:</u></p> <table border="1"> <tr> <td> 1. 2 October 2013. Overview  2. 9 October 2013. Psychology: A scientific discipline  3. 16 October 2013. Methods: Experiments  4. 23 October 2013. Methods: Surveys  5. 30 October 2013. Behavioral analysis and cognitive psychology  6. 6 November 2013. Social psychology  7. 13 November 2013. Neuropsychology  8. 20 November 2013. Sensation and perception </td> <td> 9. 4 December 2013. Emotion, feeling, and attention  10. 11 December 2013. Motivation and control of action  11. 18 December 2013. Self-chosen topic  25 December 2013. [replacement for Monday classes; no Psychology]  12. 8 January 2014. Learning and memory  13. 15 January 2014. Language, reasoning, and decision </td> </tr> </table>		1. 2 October 2013. Overview 2. 9 October 2013. Psychology: A scientific discipline 3. 16 October 2013. Methods: Experiments 4. 23 October 2013. Methods: Surveys 5. 30 October 2013. Behavioral analysis and cognitive psychology 6. 6 November 2013. Social psychology 7. 13 November 2013. Neuropsychology 8. 20 November 2013. Sensation and perception	9. 4 December 2013. Emotion, feeling, and attention 10. 11 December 2013. Motivation and control of action 11. 18 December 2013. Self-chosen topic 25 December 2013. [replacement for Monday classes; no Psychology] 12. 8 January 2014. Learning and memory 13. 15 January 2014. Language, reasoning, and decision
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<b>key words</b>	Psychology, behavioral analysis, cognitive processing, empirical research, basic human functions, social and cultural processes, individual differences, surveys and experiments			
<b>Course Approaches</b>	The course tutor provides instruction by means of lectures, supported with PowerPoint presentations. The PowerPoint presentations will be made available to students. Students should take their own notes during the lectures, and study their notes together with the PowerPoint files. Students should attend all lectures, and spend about 2-3 hours studying (i.e., reviewing) the materials of each lecture. If you have trouble understanding your notes or the Powerpoint file, consult your textbook, your fellow students, or your course tutor (during office hours). Make sure to study in a timely fashion (i.e., well in advance of the final exam).			
<b>Textbooks</b>	Textbook: (optional; not required) Douglas A. Bernstein et al. (2008). <i>Psychology</i> . 8th Edition. Wadsworth Publishing. ISBN 978-0618874071.			
<b>Reference Books</b>	A very valuable tool is the search engine <b>Pubmed</b> (type "Pubmed" via google). This search engine is operated by the US National Institutes of Health, and contains easily searchable abstracts of research reports in psychology, neuroscience, and other related disciplines, often with links to freely available papers.			
<b>Study consultation (office hour)</b>	Office: Ito Campus, West Zone 2, 846, Office Hours: Wednesday 12.00-14.00 Email: jan@sls.kyushu-u.ac.jp, Phone: x3775			
<b>Exams/Results Evaluation Method</b>	1. <b>Weekly quiz (30%)</b> . At the beginning of each class, there will be a very brief quiz, consisting of an open-ended question relevant to the materials taught in the previous class. Each quiz will be weighted equally. The total of the quizzes will count toward 30% of your grade for this class. If you miss a class (and therefore a quiz) for a valid reason (e.g., documented with a medical certificate), the quiz for that class will be waived. If you cannot provide valid documentation, you will be asked to write a make-up essay of 500 words on reading materials provided by the course tutor. 2. <b>Essay (30%)</b> . You will be asked to write an essay of between 1,500 and 2,500 words on a psychological topic of your choosing. Specifically, you will be asked to find an interesting "issue" reported in the media, and then to evaluate the way in which the issue is portrayed (e.g., by indicating errors in reasoning, or lack of evidence, and by suggesting an empirical investigation that could address the issue in a methodologically sound way). The deadline for this essay is 15 January 2014. 3. <b>Final examination (40%)</b> . The final examination will consist of a list of six open-ended questions, from which you will be asked to choose four. For each of your chosen questions, you will then be asked to write a short text in response (e.g., 100 words).			
<b>Others</b>	n/a			

<b>Module Code</b>	0085040010
<b>Course Subject Classification</b>	Humanities and Social Sciences Core Subject
<b>Course Title</b>	Introduction to Economics
<b>Intended Students</b>	
<b>Taught Year</b>	First Year
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Wednesday 2nd. Period (10:30-12:00)
<b>Subject Area</b>	Microeconomics and Macroeconomics
<b>Campus</b>	Ito Campus
<b>Credits</b>	2
<b>Course Tutor</b>	Dr. Rajarshi Mitra
<b>TA</b>	None
<b>Prerequisites</b>	None
<b>Course Overview</b>	In-class instruction and assessment by homework, midterm exam, final exam.
<b>Study Objectives (general)</b>	In general this course surveys the basic economic theories, and the students are expected to be able to apply the theories learnt in the classroom to applied economic research and training exercises.
<b>Study Objectives (specific)</b>	The course is divided into microeconomics and macroeconomics. In microeconomics we study how markets work by focusing on demand-supply analysis, consumer theory, producer theory, the market structures and causes of market failure. In macroeconomics we focus on the economy as a whole, and discuss issues relating to long-run economic growth, short-run economic fluctuations, and effects of fiscal and monetary policies.
<b>Study Consultation (office hour)</b>	Office: Faculty of Economics 305 Office Hours: Wednesdays 13:30-14:30 E-mail: rmitra200@gmail.com Phone: +81-92-642-2453
<b>Course Plan</b>	<b>First Half - Microeconomics</b> 1. Demand and Supply analysis. 2. Consumer Theory. 3. Producer Theory. 4. Market Structures and Game Theory. <b>Second Half - Macroeconomics</b> 1. Measuring Macroeconomy and Cost of Living. 2. Economy in the long-run. 3. Money Supply and Inflation. 4. International Macroeconomics. <b>Midterm Exam: December 11, 2013; Final Exam: To Be Announced</b>
<b>Textbook</b>	<i>Principles of Economics</i> , N. Gregory Mankiw, 6e, South-Western.
<b>Exams, Result, Evaluation Method</b>	(1) Home Assignments: 20%; (2) Midterm Exam: 40%; (3) Final Exam: 40%.

<b>Module Code</b>	
<b>Course Subject Classification</b>	Humanities and Social Science Core Subject
<b>Course Title</b>	Global Issues
<b>Intended Students</b>	
<b>Taught Year</b>	1st and 2nd year
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Wednesday, 2nd period (10.30-12.00)
<b>Subject Area</b>	Globalization and Social Welfare
<b>Campus</b>	Ito campus
<b>Credit</b>	2
<b>Course Tutor</b>	Inaba Miyuki
<b>TA</b>	NA
<b>Pre-requisites</b>	
<b>Course Overview</b>	The course introduces and explores the global issues with special focus on social issues such as poverty and inequality, gender, population and aging, and the role of the United Nations as well as NOGs in tackling those challenges.
<b>Study Objectives (general)</b>	The general objective of the course is: to gain a better understanding of the selected global issues as well as the challenges we face. It aims to increase students' awareness and cultivate students' abilities to comprehend and critically analyse those issues from a global perspective.
<b>Study Objectives (specific)</b>	Students will be able to: A. identify and describe some major issue confronting the global community; B. understand and analyze the role of selected actors in tackling those problems; C. discuss the most significant issues in the region students choose; D. understand some approaches to poverty alleviation and sustainable development; and E. develop skills in critical thinking, research, and communication to understand complex global problems.
<b>Study consultation (office hour)</b>	Miyuki Inaba, Ph.D. Office: Faculty of Languages & Cultures(FLC) Room 207 Office Hours: Wednesday 13:00-15:00 or by appointment (Ito campus) Email: minaba@flc.kyushu-u.ac.jp Phone: 802-5717
<b>Course Plan</b>	This course will employ lectures, group work, class discussion, and other interactive learning methods. In addition, audio-visual and internet-based materials will be used to reinforce lectures and class discussions. You are responsible for doing the reading in advance of class and taking an active role in class activities and discussion. 1. 10/02 Orientation 2. 10/09 Globalization and Diversity 3. 10/16 Poverty and Inequality 4. 10/23 International Development and United Nations: Human Development, MDGs and Sustainability 5. 10/30 Guest speaker (Mr. Lalith Lankatilleke, Senior Human Settlements Officer, UNHABITAT, Fukuoka) 6. 11/06 Poverty Alleviation Strategies (1) : Microcredit/finance and market-oriented approach 7. 11/13 Poverty Alleviation Strategies (2) : Community-based approach 8. 11/20 Population and Aging: Issues and Challenges in Japan 9. 12/04 Group presentations (Details will be announced in class) 10. 12/11 Child Labour and Domestic Work 11. 12/18 Gender and Development 12. 1/08 People with Disability and Inclusive Development 13. 1/15 Individual presentation and paper due (1) 14. 1/22 Individual presentation and paper due (2) 15. 1/29 Final Examination Note: This syllabus will be subject to changes and/or revisions during the semester.
<b>Textbooks</b>	Reading materials will be handed out or access instruction to the materials will be given in class.
<b>Exams/Results Evaluation Method</b>	1. Class attendance, readings and participation 20% (Your participation grade will be determined primarily by how frequently you participate in class and how well your comments reflect an understanding of the readings) 2. Group presentations and a short report 30% 3. Final paper and presentation 30% 4. Final Exam 20%
<b>Others</b>	<b>CLASSROOM RULES:</b> •No food or chewing gum. (Drinks are fine.) •Be on time. If you are more than 15 minutes late without a valid, documented reason, it will count as an unexcused absence. •ATTENDANCE POLICY: After five unexcused absences, students will not receive any grades.
<b>Link(s)</b>	

<b>Module Code</b>	
<b>Course Subject Classification</b>	Humanities and Social Sciences Core Subject
<b>Course Title</b>	Introduction to Japanese History
<b>Intended Students</b>	Agriculture and Engineering
<b>Taught Year</b>	The 1st year
<b>Course Year</b>	2013
<b>Course Term</b>	Fall Semester
<b>Taught Day</b>	Tuesday, the 3rd period (1:00-2:30)
<b>Subject Area</b>	Japanese History
<b>Campus</b>	Ito campus
<b>Credit</b>	2
<b>Course Tutor</b>	Andrew Hall
<b>TA</b>	NA
<b>Pre-requisites</b>	None
<b>Course Overview</b>	This course is intended to give students a grounding in basic Japanese history and training in academic writing and classroom presentation norms.
<b>Study Objectives (general)</b>	The course will include readings and discussions of Japan's pre-modern and modern history. Specific Goals:
<b>Study Objectives (specific)</b>	A. Students will learn to do an academic research project, including learning to use academic databases, and the library. B. Students will be taught academic writing, through weekly assignments. C. Students will be taught classroom discussion and debate norms.
<b>Study consultation (office hour)</b>	Office: Hibun building, #404 Office Hours: Wednesday 11:00-1:00 Email: andrewrhall@gmail.com Phone: 080-3902-7416
<b>Course Plan</b>	Tentative Weekly Schedule:  October 8 Introduction: The Study of History, and Prehistoric Japan October 15 The Culture of "Ancient Japan"— (Kofun, Asuka, Nara) October 22 The World of the Shining Prince—Japan's Court Culture (Heian) October 29 The Collapse of the Floating World—Factional Conflict at Court (Late Heian) November 5 The Culture of "Samurai Japan" I—Bushido? (Kamakura) November 12 The Culture of "Samurai Japan" II—the Image of the Samurai (Muromachi) November 19 (Sunday) The Road to Unification—Japan Through the Eyes of the West (Sengoku) Presentation topic due November 26 No class December 3 No class December 10 (Double class, 2 periods) Edo Japan (1603-1800) December 17 Japan in Turmoil (1800-1868) December 24 The Meiji Transformation and Japanese Imperialism (1868-1922)
<b>Textbooks</b>	Handouts. Including selections from Anne Walthall, <i>Japan: A Cultural, Social, and Political History</i>
<b>Exams/Results Evaluation Method</b>	1. There will be two tests, a mid-term and a final exam. Both will have short answer and essay questions. 2. Weekly reading response papers will be turned in in class. Also, students will participate in a group research project. 1. Discussion/class participation/attendance 15%, 2. Response papers (12 of 15 mandatory) 30% 3. Midterm Exam 20%, 4. Final Exam 20%,5. Presentation 15%
<b>Others</b>	
<b>Link(s)</b>	

<b>Module Code</b>																															
<b>Course Subject Classification</b>	Required Core Subject																														
<b>Course Title</b>	Introduction to Academic English																														
<b>Intended Students</b>	IUPE																														
<b>Taught Year</b>	The 1st year																														
<b>Course Year</b>	2013																														
<b>Course Term</b>	Fall Semester																														
<b>Taught Day</b>	Wednesday, 4th period; Friday, 2nd period																														
<b>Subject Area</b>	Academic English																														
<b>Campus</b>	Ito campus																														
<b>Credit</b>																															
<b>Course Tutor</b>	Gabrielle Decamous, Matthew Armstrong																														
<b>TA</b>																															
<b>Pre-requisites</b>																															
<b>Course Overview</b>	This is an introductory academic English skills course in which students shall learn basic organizational patterns of academic writing and discourse. This course will also feature the use of frequent tutorials to address students' different language abilities and needs.																														
<b>Study Objectives (general)</b>	This course is designed to teach students how to compose well-organized paragraphs and essays in English. This course will also focus on building student reading comprehension and discussion skills.																														
<b>Study Objectives (specific)</b>	A. Students can write appropriate sentences in terms of grammar, punctuation, and vocabulary. Students can write in English without resorting to direct translation. B. Students can write through a process involving generating ideas, outlining, drafting, editing, and proofing. C. Students can write logically organized paragraphs (cf. topic sentence, supporting sentences, coherence, cohesion, unity, and completeness.) Students can understand the organization of an essay consisting of an introduction, body and D. Students can understand textual and visual material in English E. Students can actively take part in a discussion in English																														
<b>Study consultation (office hour)</b>	Office: SCS-FLC Building, Office 310 (Armstrong) Office 206 (Decamous) Office Hours: TBA Email: armstrong@flc.kyushu-u.ac.jp Email: g.decamous@flc.kyushu-u.ac.jp																														
<b>Course Plan</b>	The following course plan is tentative. Specific writing and presentation goals studied will be determined based on diagnostic testing and the ongoing needs of the <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">1. 10/2. Course Introductions and Overview. Diagnostic Testing</td> <td>1B.Course introduction</td> </tr> <tr> <td>2. 10/9. Academic Paragraph Writing Skills</td> <td>2B.Reading and discussion</td> </tr> <tr> <td>3. 10/16. Academic Writing Skills</td> <td>3B.Reading and discussion</td> </tr> <tr> <td>4. 10/23. Academic Writing Skills</td> <td>4B.Listening practice</td> </tr> <tr> <td>5. 10/30. Editing/Tutorial</td> <td>5B.Reading and discussion</td> </tr> <tr> <td>6. 11/6. Academic Essay Writing Skills</td> <td>6B. Reading and discussion</td> </tr> <tr> <td>7. 11/13. Academic Writing Skills</td> <td>7B.Oral Presentation 1</td> </tr> <tr> <td>8. 11/20. Editing/Tutorial</td> <td>8B.Reading and discussion</td> </tr> <tr> <td>9. 12/4. Academic Essay Writing Skills</td> <td>9B. Reading and discussion</td> </tr> <tr> <td>10. 12/11. Academic Writing Skills</td> <td>10B. Listening practice</td> </tr> <tr> <td>11 12/18. Tutorial</td> <td>11B. Reading and discussion</td> </tr> <tr> <td>12. 1/8. Academic Writing Skills</td> <td>12B. Reading and discussion</td> </tr> <tr> <td>13. 1/15. Academic Writing Skills</td> <td>13B. Listening practice</td> </tr> <tr> <td>14. 1/22. Editing/Tutorial</td> <td>14B.Oral Presentation 2</td> </tr> <tr> <td>15. 1/29. Final Assignment</td> <td>15B.Oral Presentation 2</td> </tr> </table>	1. 10/2. Course Introductions and Overview. Diagnostic Testing	1B.Course introduction	2. 10/9. Academic Paragraph Writing Skills	2B.Reading and discussion	3. 10/16. Academic Writing Skills	3B.Reading and discussion	4. 10/23. Academic Writing Skills	4B.Listening practice	5. 10/30. Editing/Tutorial	5B.Reading and discussion	6. 11/6. Academic Essay Writing Skills	6B. Reading and discussion	7. 11/13. Academic Writing Skills	7B.Oral Presentation 1	8. 11/20. Editing/Tutorial	8B.Reading and discussion	9. 12/4. Academic Essay Writing Skills	9B. Reading and discussion	10. 12/11. Academic Writing Skills	10B. Listening practice	11 12/18. Tutorial	11B. Reading and discussion	12. 1/8. Academic Writing Skills	12B. Reading and discussion	13. 1/15. Academic Writing Skills	13B. Listening practice	14. 1/22. Editing/Tutorial	14B.Oral Presentation 2	15. 1/29. Final Assignment	15B.Oral Presentation 2
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<b>Textbooks</b>	None. The teacher will provide weekly study materials.																														
<b>Exams/Results Evaluation Method</b>	Participation Attendance 40% Academic Writing Assignments 30% Oral Presentations 30%																														
<b>Others</b>																															
<b>Link(s)</b>																															

<b>Module Code</b>	
<b>Course Subject Classification</b>	Languages and Cultures Subjects
<b>Course Title</b>	Basic Japanese Ia
<b>Intended Students</b>	
<b>Taught Year</b>	The 1st year
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Introductory: Tuesday, the 1st period (8.40-10.10) Elementary, Intermediate and Advanced: Thursday, the 1st period (8.40-10.10)
<b>Subject Area</b>	
<b>Campus</b>	Ito campus
<b>Credit</b>	1
<b>Course Tutor</b>	Satoru KOYAMA, Noriko GOTO, Miwa RIKIMARU
<b>TA</b>	
<b>Pre-requisites</b>	
<b>Course Overview</b>	This course (Basic Japanese I) is designed for the students to adjust to dairy life in Japan as quickly as possible. For this purpose, students are encouraged to communicate with other people in Japanese through various activities (interview project, study tour and so on) as well as to increase vocabulary, grammatical patterns and Kanjis.
<b>Study Objectives (general)</b>	The main purpose of this course is to acquire and develop communication skills.
<b>Study Objectives (specific)</b>	By the end of this course, students are expected : <Introductory> to be able to talk about themselves and the thing around them slowly. to be able to interact slowly using simple sentences. to be able to understand simple questions on familiar topics. <Elementary> to be able to talk about themselves and the thing around them without difficulty. to be able to maintain everyday conversation by the basic grammatical patterns and vocabulary. to be able to understand the point of what a speaker and writer says. <Intermediate> to be able to express opinions on familiar topics. to be able to exchange ideas and information on familiar topics. to be able to understand the main idea and some details of explanation on familiar topics. <Advanced> to be able to express opinions on social and academic topics. to be able to exchange ideas and information on social and academic topics. <del>to be able to understand the main idea and some details of explanation on social and academic topics.</del>
<b>Study consultation (office hour)</b>	Office: Room 1105 at Center Zone Building 1 Office Hours: Monday 5th period Email: koyama@isc.kyushu-u.ac.jp Phone: 99-2155 (Hakozaki)
<b>Course Plan</b>	The detailed class schedule will be distributed to you in your first class.
<b>Textbooks</b>	Introductory: Koyama (2007), J.Bridge for Beginners vol.I, Bonjinsha. Elementary: Koyama (2008), J.Bridge for Beginners vol.II, Bonjinsha. Intermediate: Koyama (2002), J.Bridge to Intermediate Japanese, Bonjinsha. Advanced: 荻原雅佳子・齋藤直理子・伊藤とく美『日本語超級話者へのかけはし』スリーエーネット
<b>Exams/Results Evaluation Method</b>	Introductory : (1) Quiz (Speech), Role Play, Class activity: 50%, (2) Homework (writing): 40%, (3) Others: 10% Elementary : (1) Conversation Test: 50%, (2) Homework: 40%, (3) Others: 10% Intermediate : (1) Class performance: 30%、(2) Speech: 30%、(3) Quizzes and Final Exam: 30%、(4) Homework: 10% Advanced : (1) Mid-term Test 1 (20%) (2) Mid-term Test 2 (20%) (3) Final Test (20%) (4) Homework
<b>Others</b>	
<b>Link(s)</b>	

<b>Module Code</b>	
<b>Course Subject Classification</b>	Languages and Cultures Subjects
<b>Course Title</b>	Basic Japanese Ib
<b>Intended Students</b>	
<b>Taught Year</b>	The 1st year
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Introductory: Tuesday, the 2nd period (10.30-12.00) Elementary, Intermediate and Advanced: Thursday, the 2nd period (10.30-12.00)
<b>Subject Area</b>	
<b>Campus</b>	Ito campus
<b>Credit</b>	1
<b>Course Tutor</b>	Satoru KOYAMA, Noriko GOTO, Miwa RIKIMARU
<b>TA</b>	
<b>Pre-requisites</b>	
<b>Course Overview</b>	This course (Basic Japanese I) is designed for the students to adjust to dairy life in Japan as quickly as possible. For this purpose, students are encouraged to communicate with other people in Japanese through various activities (interview project, study tour and so on) as well as to increase vocabulary, grammatical patterns and Kanjis.
<b>Study Objectives (general)</b>	The main purpose of this course is to learn kanjis and increase vocabulary.
<b>Study Objectives (specific)</b>	By the end of this course, students are expected : <Introductory> to be able to read short and simple texts slowly. to be able to write short and simple texts and to recognized 100 Kanjis. <Elementary> to be able to read short and simple texts without difficulty. to be able to write short and simple texts and to recognized 250 Kanjis. <Intermediate> to be able to read factual texts on subjects related to their interest. to be able to write straightforward connected texts on subjects related to their interest and to recognized 500 Kanjis. <Advanced> to be able to read a wide range of long and complex texts. to be able to write complex texts in appropriate style and a logical structure and to recognized 1,000 Kanjis.
<b>Study consultation (office hour)</b>	Office: Room 1105 at Center Zone Building 1 Office Hours: Monday 5th period Email: koyama@isc.kyushu-u.ac.jp Phone: 99-2155(Hakozaki)
<b>Course Plan</b>	The detailed class schedule will be distributed to you in your first class.
<b>Textbooks</b>	Introductory: Kano et al. (1989), Basic Kanji Book vol.1, Bonjinsha. Elementary: Kano et al. (1989), Basic Kanji Book vol.1, Bonjinsha. Intermediate: Kano et al. (1997), Intermediate Kanji Book 1, Bonjinsha. Advanced: Kano et al. (2001), Intermediate Kanji Book 2, Bonjinsha.
<b>Exams/Results Evaluation Method</b>	Introductory : (1) Exam: 50%, (2) Quiz & Homework: 40%, (3) Others: 10% Elementary : (1) Mid-term/Final Tests: 50%, (2) Quizzes and Homework: 40%, (3) Others: 10% Intermediate : (1) Mid term/ Final exams: 50%, (2) Quizzes and Homework: 40%, (3) Others: 10% Advanced : (1) Quizzes X 3 (30%) , (2) Final Test (30%) , (3) Homework (30%) , (4) Class performance (10%)
<b>Others</b>	
<b>Link(s)</b>	



<b>Module Code</b>	
<b>Course Subject Classification</b>	Languages and Cultures Subjects
<b>Course Title</b>	Basic Japanese Ic
<b>Intended Students</b>	
<b>Taught Year</b>	The 1st year
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Monday, the 1st period (8.40-10.10)
<b>Subject Area</b>	
<b>Campus</b>	Ito campus
<b>Credit</b>	1
<b>Course Tutor</b>	Satoru KOYAMA
<b>TA</b>	
<b>Pre-requisites</b>	
<b>Course Overview</b>	This course (Basic Japanese I) is designed for the students to adjust to dairy life in Japan as quickly as possible. For this purpose, students are encouraged to communicate with other people in Japanese through various activities (interview project, study tour and so on) as well as to increase vocabulary, grammatical patterns and Kanjis.
<b>Study Objectives (general)</b>	The main purpose of this course is to understand diverse cultures and values through interview projects.
<b>Study Objectives (specific)</b>	By the end of this course, students are expected to notify the differences and diversity in cultures and values.
<b>Study consultation (office hour)</b>	Office: Room 1105 at Center Zone Building 1 Office Hours: Monday 5th period Email: koyama@isc.kyushu-u.ac.jp Phone: 99-2155 (Hakozaki)
<b>Course Plan</b>	The detailed class schedule will be distributed to you in your first class.
<b>Textbooks</b>	N.A.
<b>Exams/Results Evaluation Method</b>	(1) Presentation 1 at Interview Project (30%) , (2) Presentation 2 at Interview Project (40%) , (3) Presentation at Genyo Shogakko (30%)
<b>Others</b>	
<b>Link(s)</b>	

<b>Module Code</b>	
<b>Course Subject Classification</b>	Languages and Cultures Subjects
<b>Course Title</b>	Basic Japanese Id
<b>Intended Students</b>	
<b>Taught Year</b>	The 1st year
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Introductory, Elementary and Intermediate: Monday, the 2nd period (10.30-12.00)
<b>Subject Area</b>	
<b>Campus</b>	Ito campus
<b>Credit</b>	1
<b>Course Tutor</b>	Satoru KOYAMA, Noriko GOTO, Akiko YAMADA
<b>TA</b>	
<b>Pre-requisites</b>	
<b>Course Overview</b>	This course (Basic Japanese I) is designed for the students to adjust to dairy life in Japan as quickly as possible. For this purpose, students are encouraged to communicate with other people in Japanese through various activities (interview project, study tour and so on) as well as to increase vocabulary, grammatical patterns and Kanjis.
<b>Study Objectives (general)</b>	< Introductory/Elementary > The main purpose of this course is to learn and practice basic grammatical patterns. < Intermediate > The main purpose of this course is to further develop reading and writing skills.
<b>Study Objectives (specific)</b>	By the end of this course, students are expected: Introductory :to acquire basic grammatical patterns like verb conjugation, adjective sentences, comparison and so on. Elementary :to acquire basic grammatical patterns like conditional sentences, noun modification, passive sentences and so on.
<b>Study consultation (office hour)</b>	Office: Room 1105 at Center Zone Building 1 Office Hours: Monday 5th period Email: koyama@isc.kyushu-u.ac.jp Phone: 99-2155 (Hakozaki)
<b>Course Plan</b>	The detailed class schedule will be distributed to you in your first class.
<b>Textbooks</b>	Introductory : Koyama (2007), J.Bridge for Beginners vol.I, Bonjinsha. Elementary : Koyama (2007), J.Bridge for Beginners vol.I, Bonjinsha. Intermediate : 戸村佳代・田中幸子・池上摩希子 (2002) 『にほんご作文の方法』(第三書房).
<b>Exams/Results Evaluation Method</b>	Introductory : (1) Mid-term Test: 50%, (2) Homework: 40%, (3) Others: 10% Elementary : (1) Mid-term Tests: 50%, (2) Quizzes and Homework: 40%, (3) Others: 10% Intermediate : (1) Class performance: 30%, (2) Homework: 50%、(3) Mid-term/Final Exams: 20%
<b>Others</b>	
<b>Link(s)</b>	

<b>Module Code</b>	
<b>Course Subject Classification</b>	Fundamental Natural Science Course
<b>Course Title</b>	Basic Chemistry for Engineering/Fundamental Inorganic Chemistry
<b>Intended Students</b>	Required Course
<b>Taught Year</b>	The 1st year
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Monday Third Period (13:00 — 14:30)
<b>Subject Area</b>	General chemistry
<b>Campus</b>	Ito campus
<b>Credit</b>	2
<b>Course Tutor</b>	Andrew Robertson
<b>TA</b>	—
<b>Pre-requisites</b>	None
<b>Course Overview</b>	This course covers a broad range of basic, general chemistry.
<b>Study Objectives (general)</b>	Students with a low level of chemistry will gain a broad understanding of chemical concepts and will be able to apply these to their own specialist subjects. For those students with a high school level of chemistry, this course will act as a primer for the second semester.
<b>Study Objectives (specific)</b>	Students will be able to identify elements, compounds and mixtures. Students will be able to complete elementary calculations regarding moles and concentration. Students will be able to identify and describe the workings of Bronstead-Lowry/Lewis acids and bases. Students will be able to identify and balance elementary redox reactions. Students will be able to describe and predict the properties of various states of matter. They will be able to complete elementary calculations. Students will be able to explain the relationship of heat, entropy and rates of reaction. Students will be understand how the movement of electrons affects the chemistry of metals. Students will be able to interpret line diagrams from organic chemistry and identify common functional groups and their basic properties.
<b>Study consultation (office hour)</b>	Office: W3-208 Office Hours: Variable, contact for appointment, Email: robertson@mail.cstm.kyushu-u.ac.jp Contact at 'Andrew Robertson' on Google+ is also acceptable. Phone: 092-802-2937
<b>Course Plan</b>	40% of the course will be assessed by mid-term exam. 60% will be assessed by final exam.  1. Elements, compounds, mixtures. 2. Elementary atomic and molecular theory. 3. Moles and concentration. 4. Acid-base theory. 5. Reduction/oxidation theory 6. States of matter. 7. Mid-term exam 8. Laws of matter. 9. Solutions. 10. Thermodynamics. 11. Kinetics. 12. Organic chemistry. 13. Organic chemistry.14. Revision 15. Final Exam
<b>Textbooks</b>	Chemistry 9th Ed. Whitten et al. and any other information sources available.
<b>Exams/Results Evaluation Method</b>	40% Mid-term exam 60% Final exam
<b>Others</b>	
<b>Link(s)</b>	<a href="http://www.chem.kyushu-u.ac.jp/~robertson/">http://www.chem.kyushu-u.ac.jp/~robertson/</a>

<b>Module Code</b>																																	
<b>Course Subject Classification</b>	Fundamental Natural Science Core Subject																																
<b>Course Title</b>	Calculus A																																
<b>Intended Students</b>	Faculty of Agriculture and School of Engineering																																
<b>Taught Year</b>	The 1st year																																
<b>Course Year</b>	2013																																
<b>Course Term</b>	Autumn Semester																																
<b>Taught Day</b>	Thursday, 4th Period (14:50–16:20)																																
<b>Subject Area</b>																																	
<b>Campus</b>	Ito campus																																
<b>Credit</b>	1.5																																
<b>Course Tutor</b>	Craig Pastro																																
<b>TA</b>																																	
<b>Pre-requisites</b>	Knowledge of High School mathematics																																
<b>Course Overview</b>	Student will learn the basics of calculus through class lectures, class exercises, homeworks, and examinations.																																
<b>Study Objectives (general)</b>	This course is designed to teach students the basics of calculus, including the definition of the derivative and the integral, up to the fundamental theorem of calculus. This course is a prerequisite for Calculus B.																																
<b>Study Objectives (specific)</b>	In this course we will cover the following topics. 1. Limits and continuity; tangent lines to a curve 2. Differentiation; the derivative as a function, differentiation rules, chain rule, implicit differentiation, differentials 3. Applications of differentiation; extreme values, mean value theorem, L'Hopital's rule, Newton's method, antiderivatives 4. Integration; definite integrals; the fundamental theorem of calculus; area between curves																																
<b>Study consultation (office hour)</b>	Office: Faculty of Mathematics, Room 306 (2F) Office Hours: To be announced Email: craig@artsci.kyushu-u.ac.jp																																
<b>Course Plan</b>	Tentative Weekly Schedule (sections from the textbook) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Week</th> <th style="width: 25%;">Sections</th> <th style="width: 25%;">Week</th> <th style="width: 25%;">Sections</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>2.1-2.2</td> <td>8th</td> <td>4.1, Midterm (2.1-3.8)</td> </tr> <tr> <td>2nd</td> <td>2.4-2.5</td> <td>9th</td> <td>4.2-4.3</td> </tr> <tr> <td>3rd</td> <td>2.6-2.7</td> <td>10th</td> <td>4.4-4.5</td> </tr> <tr> <td>4th</td> <td>3.1-3.2</td> <td>11th</td> <td>4.6-4.7</td> </tr> <tr> <td>5th</td> <td>3.3-3.4</td> <td>12th</td> <td>4.8, 5.1</td> </tr> <tr> <td>6th</td> <td>3.5-3.6</td> <td>13th</td> <td>5.2-5.3</td> </tr> <tr> <td></td> <td></td> <td>14th</td> <td>5.4-5.5</td> </tr> </tbody> </table>	Week	Sections	Week	Sections	1st	2.1-2.2	8th	4.1, Midterm (2.1-3.8)	2nd	2.4-2.5	9th	4.2-4.3	3rd	2.6-2.7	10th	4.4-4.5	4th	3.1-3.2	11th	4.6-4.7	5th	3.3-3.4	12th	4.8, 5.1	6th	3.5-3.6	13th	5.2-5.3			14th	5.4-5.5
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		14th	5.4-5.5																														
<b>Textbooks</b>	Thomas' Calculus 11th Edition Media Upgrade																																
<b>Exams/Results Evaluation Method</b>	Homework 20% (your lowest score will be dropped) Midterm exam 30% Final exam 50%																																
<b>Others</b>																																	
<b>Link(s)</b>	Course webpage: <a href="http://goo.gl/0Y7G1L">http://goo.gl/0Y7G1L</a>																																

<b>Module Code</b>	
<b>Course Subject Name</b>	Fundamentals of Mechanics and Exercises A
<b>Course Subject Classification</b>	Fundamental subject for Natural Science Field
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Friday, 3rd period (13.00–14.30)
<b>Course</b>	Required
<b>credit</b>	1.5
<b>Course Tutor</b>	Hemanta Hazarika
<b>Schools</b>	School of Engineering and School of Agriculture
<b>Taught Year</b>	1st year
<b>Campus</b>	Ito campus
<b>Course Requirement (Pre-requisite)</b>	Basic knowledge in Elementary Calculus, Ordinary Differential Equations and High School Physics
<b>Course Outline</b>	<p>Course Overview:</p> <p>Mechanics is both a foundation and framework for most of the branches of engineering and agricultural engineering. It is a branch of physical sciences that is concerned with the state of rest or motion of bodies subjected to the action of forces.</p>
<b>Study Objectives (general)</b>	<p>Overall Objective:</p> <p>The primary objective of studying mechanics is to develop the capacity to predict the effects of force and motion while carrying out the creative design functions of engineering. Therefore, the objectives of this course will be (1) develop students' understanding and description of the motion of bodies (2) develop students' ability to visualize physical configurations in terms of real materials, actual constraints and the practical limitations. (3) learning the principles and their limitations within the context of applications and (4) providing experience in reasoning from fundamentals</p>
<b>Study Objectives (specific)</b>	<ol style="list-style-type: none"> <li>To study particle motion along a straight line</li> <li>To investigate particle motion along a curved path using different coordinate systems</li> <li>To analyze the accelerated motion of a particle using the equation of motion with different coordinate system</li> <li>To develop the principle of work and energy, and apply it to solve problems that involve force, velocity and displacement</li> <li>To introduce the concept of a conservative force and apply the theorem of conservation of energy to solve kinetic problems</li> </ol> <p>This mechanics course will consider dynamics, which deals with the accelerated motion of a body. To develop the principle of kinematics and kinetics, the dynamics of a particle will only be considered with the following tentative schedule:</p> <ol style="list-style-type: none"> <li>Introduction: History and applications of dynamics</li> <li>Introduction to scalars and vectors</li> <li>Kinematics of a particle: Introduction <ol style="list-style-type: none"> <li>Particle motion</li> <li>Coordinate system</li> </ol> </li> <li>Kinematics of a particle: Rectilinear motion <ol style="list-style-type: none"> <li>Velocity and acceleration</li> <li>Analytical Integration</li> </ol> </li> <li>Kinematics of a particle: Plane curvilinear motion <ol style="list-style-type: none"> <li>Curvilinear motion: Rectangular components</li> <li>Curvilinear motion: Normal and tangential components</li> <li>Curvilinear motion: Cylindrical components</li> </ol> </li> <li>Kinetics of a particle: Force, Mass and Acceleration <ol style="list-style-type: none"> <li>Rectilinear motion</li> <li>Curvilinear motion</li> </ol> </li> </ol>
<b>Course Plan</b>	
<b>key words</b>	
<b>Course Approaches</b>	<ol style="list-style-type: none"> <li>This course will involve both lectures and tutorial exercises.</li> <li>Tutorial exercises will be conducted at regular intervals.</li> <li>Quiz type tests will be held during the lecture hours to check and understand students' ability to grasp the contents.</li> <li>Classes will be conducted using multimedia with PowerPoint and other related materials, which will be supplied.</li> <li>Text book is for self study and reference purposes only. Your class notes and tutorial problems will form the core of this course.</li> </ol>
<b>Textbooks</b>	Meriam, J. L.. & Kraige, L. G., Engineering Mechanics Dynamics, Sixth Edition, John Wiley & Sons, USA.
<b>Reference Books</b>	Shames, I. H., Engineering Mechanics Dynamics, Prentice Hall, USA.
<b>Study consultation (office hour)</b>	Office: West Building No. 2, Room No. 1124 (Ito Campus) Office Hours: By appointment Email: hazarika@civil.kyushu-u.ac.jp Phone: 3369
<b>Exams/Results Evaluation Method</b>	<ol style="list-style-type: none"> <li>Attendance :10%</li> <li>Quiz/Midterm :15%</li> <li>Tutorial exercises :15%</li> <li>Examination :60%</li> </ol>
<b>Others</b>	More than two thirds attendance is required to take the final examination.

<b>Module Code</b>																																																																																											
<b>Course Subject Classification</b>	Natural Science Core Subject																																																																																										
<b>Course Title</b>	Frontier Research "Life Science"																																																																																										
<b>Intended Students</b>	IUPE																																																																																										
<b>Taught Year</b>	The 1st year																																																																																										
<b>Course Year</b>	2013																																																																																										
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<b>Taught Day</b>	Wednesday, 3rd period																																																																																										
<b>Subject Area</b>	Natural Science																																																																																										
<b>Campus</b>	Ito campus																																																																																										
<b>Credit</b>	2																																																																																										
<b>Course Tutor</b>	Miki Nakao																																																																																										
<b>TA</b>	NA																																																																																										
<b>Pre-requisites</b>	NA																																																																																										
<b>Course Overview</b>	The "Central dogma" was a major concept in molecular biology that was proposed by Francis Crick in 1985. It states that the process of transmitting genetic information occurs sequentially in the following order: DNA --> (gene replication) --> DNA --> (transcription) --> RNA --> (translation) --> protein. However, formation of protein is not necessarily the final step of biogenic activity. Accompanied by functions of metabolism at the cellular level, material production, and 3-D structural formation that possess various patterns, it directs total biological activities. Further, thermodynamic preference and regulation in individual biological systems together with genetic information are necessary for the entire system to run. This course attempts to provide such an overview of biological science including the concept of cell metabolism along with the central dogma, as well as the concepts of material production and its characteristics.																																																																																										
<b>Study Objectives (general)</b>	Through the course work, students will come to understand the brief picture biological science.																																																																																										
<b>Study Objectives (specific)</b>	1. Students can describe basic mechanism of cellular functions such as proliferation, gene expression, and metabolism. 2. Students can understand fundamentals and application of biological science in various material productions and medical engineering.																																																																																										
<b>Study consultation (office hour)</b>	Office Hours--Wednesday 14:30-14:50, or anytime through e-mail (tekondo@agr.kyushu-u.ac.jp)																																																																																										
<b>Course Plan</b>	<p>The following course plan is tentative.</p> <p>Specific writing and presentation goals studied will be determined based on diagnostic testing and the ongoing needs of the</p> <table border="1"> <thead> <tr> <th colspan="2">Frontier Research 2013</th> <th colspan="3">(13:00-14:30, at Center Zone No. 1 Buiding, room# 1409)</th> </tr> <tr> <th>Date</th> <th>Lecturer</th> <th>Contact</th> <th colspan="2">Lecture Title</th> </tr> </thead> <tbody> <tr> <td>Oct. 2</td> <td>Miki Nakao</td> <td>mikimnakao@kyudai.jp</td> <td colspan="2">Introduction (Diversity and uniformity of life)</td> </tr> <tr> <td>9</td> <td>Miki Nakao</td> <td></td> <td colspan="2">DNA and RNA: Structure, replication, and cell proliferation</td> </tr> <tr> <td>23</td> <td>Miki Nakao</td> <td></td> <td colspan="2">Gene expression and its regulation</td> </tr> <tr> <td>30</td> <td colspan="4">Health check-up (No class)</td> </tr> <tr> <td>Nov 6</td> <td>Yutaka Kawarabayashi</td> <td>Biore.Bioenv.</td> <td colspan="2">From environment to genome; progression of microbiology</td> </tr> <tr> <td>13</td> <td>Ken Matsuoka</td> <td>Biore.Bioenv.</td> <td colspan="2">Plant Genetic Engineering: Current and future</td> </tr> <tr> <td>20</td> <td>Takeshi Mori</td> <td>Eng.</td> <td colspan="2">Drug delivery system</td> </tr> <tr> <td>27</td> <td colspan="4">Monday class</td> </tr> <tr> <td>Dec 4</td> <td>Hisao Matsuno</td> <td>Eng.</td> <td colspan="2">Biomaterial</td> </tr> <tr> <td>11</td> <td>Vishwajit Chowdhury</td> <td>Sur Biore.Bioenv.</td> <td colspan="2">Structure and function of cell</td> </tr> <tr> <td>18</td> <td>Vishwajit Chowdhury</td> <td>Sur Biore.Bioenv.</td> <td colspan="2">Metabolism</td> </tr> <tr> <td>25</td> <td colspan="4">Monday class</td> </tr> <tr> <td>Jan 8</td> <td>Yoshizumi Ishino</td> <td>Biore.Bioenv.</td> <td colspan="2">DNA polymerases from hyperthermophilic microorganisms</td> </tr> <tr> <td>15</td> <td>Hiroshi Takamatsu</td> <td>Eng.</td> <td colspan="2">Freezing of cells and tissues</td> </tr> <tr> <td>22</td> <td>Yoshinori Sawae</td> <td>Eng.</td> <td colspan="2">Biomechanics and Biotribology</td> </tr> <tr> <td>29</td> <td colspan="4">Final Presentation, general discussion or submission of assignment</td> </tr> </tbody> </table>	Frontier Research 2013		(13:00-14:30, at Center Zone No. 1 Buiding, room# 1409)			Date	Lecturer	Contact	Lecture Title		Oct. 2	Miki Nakao	mikimnakao@kyudai.jp	Introduction (Diversity and uniformity of life)		9	Miki Nakao		DNA and RNA: Structure, replication, and cell proliferation		23	Miki Nakao		Gene expression and its regulation		30	Health check-up (No class)				Nov 6	Yutaka Kawarabayashi	Biore.Bioenv.	From environment to genome; progression of microbiology		13	Ken Matsuoka	Biore.Bioenv.	Plant Genetic Engineering: Current and future		20	Takeshi Mori	Eng.	Drug delivery system		27	Monday class				Dec 4	Hisao Matsuno	Eng.	Biomaterial		11	Vishwajit Chowdhury	Sur Biore.Bioenv.	Structure and function of cell		18	Vishwajit Chowdhury	Sur Biore.Bioenv.	Metabolism		25	Monday class				Jan 8	Yoshizumi Ishino	Biore.Bioenv.	DNA polymerases from hyperthermophilic microorganisms		15	Hiroshi Takamatsu	Eng.	Freezing of cells and tissues		22	Yoshinori Sawae	Eng.	Biomechanics and Biotribology		29	Final Presentation, general discussion or submission of assignment			
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9	Miki Nakao		DNA and RNA: Structure, replication, and cell proliferation																																																																																								
23	Miki Nakao		Gene expression and its regulation																																																																																								
30	Health check-up (No class)																																																																																										
Nov 6	Yutaka Kawarabayashi	Biore.Bioenv.	From environment to genome; progression of microbiology																																																																																								
13	Ken Matsuoka	Biore.Bioenv.	Plant Genetic Engineering: Current and future																																																																																								
20	Takeshi Mori	Eng.	Drug delivery system																																																																																								
27	Monday class																																																																																										
Dec 4	Hisao Matsuno	Eng.	Biomaterial																																																																																								
11	Vishwajit Chowdhury	Sur Biore.Bioenv.	Structure and function of cell																																																																																								
18	Vishwajit Chowdhury	Sur Biore.Bioenv.	Metabolism																																																																																								
25	Monday class																																																																																										
Jan 8	Yoshizumi Ishino	Biore.Bioenv.	DNA polymerases from hyperthermophilic microorganisms																																																																																								
15	Hiroshi Takamatsu	Eng.	Freezing of cells and tissues																																																																																								
22	Yoshinori Sawae	Eng.	Biomechanics and Biotribology																																																																																								
29	Final Presentation, general discussion or submission of assignment																																																																																										
<b>Textbook</b>	A Reference: Sadava, Hillis, Heller and Berenbaum (2009), Life. The Science of Biology. 9th Edition. Volume I. The cell and Heredity. Sinauer Associates.																																																																																										
<b>Exams/Results Evaluation Method</b>	1. Final report (two reports), 60% Write about two topics which you found most interesting from the lectures. You summarize the lecture and then write your thoughts and ideas you had from the lecture. This should be two separated reports and the length of each report should be 600-800 words. You should write whose lecture, i.e. professor's name in the report you wrote. The professor of the topic you choose will assess your report. Please send the report directly to the professor who provided the lecture, i.e. you send two reports. Please address [(Professor's name) G30 Frontier Research Final Report] in the subject line. 2. Quiz and participation in the class, 40% At the end of each class, you will have a quiz about the lecture content																																																																																										

<b>Module Code</b>	
<b>Course Title</b>	Adjusting to Japan
<b>Subject Area</b>	
<b>Course Subject Classification</b>	Integrated Subject
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Thursday, Period 3 (1:00-2:30 p.m.)
<b>Course Requirements</b>	Write 10 short reflections, keep a journal, contribute to group research project and presentation, participate in class discussion, attend class. No formal exams.
<b>Credit</b>	2
<b>Course Tutor</b>	POLLACK Jordan
<b>Schools</b>	General
<b>Taught Year</b>	1st year
<b>Campus</b>	Ito campus
<b>Pre-requisites</b>	No prerequisites
<b>Course Overview</b>	Introduces some of the more important requirements for effective, appropriate functioning in everyday social contexts, with focus on propriety and interaction protocols.
<b>Study Objective (general)</b>	To equip students with insights and strategies for successful interaction with Japanese.
<b>Study Objectives (specific)</b>	Intended for students with little or no prior experience in Japan, this orientational course will develop awareness of many of the understandings, attitudes, and communicative skills needed for social competency. These will be considered also in light of broader cultural patterns and principles.
<b>Course Plan</b>	<p>Each class meeting will consist of two segments: 1) discussion of readings (distributed in class the previous week) and your reflections on these; and 2) discussion of some aspect of everyday life as was assigned (in class, the week before) for "in-the-street" observation.</p> <p>Final course grade will depend on effort in five areas: writing of five reading-based reflections, writing of five observation-based reports, contributing to a group research project and presentation, keeping a personal journal, and participation in class discussions.</p> <p>Tentative Weekly Schedule:</p> <p>10/3 Course introduction, safety, adjustment strategies, intercultural (communicative) competence, legal ages  10/10 Food: cooking (ryōri), implements (ohashi), dining out, shopping  10/17 Dress: Western and Japanese (wafuku-yōfuku), Harajuku and Cool Biz styles, uniforms  10/24 Social place (uchi-soto), privacy (omote-ura), wrapping, personal space (hedataru-najimu), private/public (honne-tatemaie)  10/31, 11/7 Seasonality (kisetsu), monochronic and polychronic time, intervals (ma), ritual calendar (matsuri), high/low context cultures  11/14 Formalism (do), bowing (ojigi), business card (meishi) exchange, home-visiting etiquette (washitsu, yōshitsu); seating, eating, and drinking manners, gestures, journal check  11/21 Group consciousness (shudan ishiki), harmony (wa), empathy (omoiari), human feelings (ninjo), obligations (giri), reciprocity (go-on), gift-exchange (zōtō, omiyage)  11/28 Loyalty and honor (bushido), verticality, seniority (sempai-kohai), ranking (kata-gaki), paternalism (onjo-shugi), dependence (amae), sincerity (makoto)  12/5 Attitude (kokorogamae), patience, determination (gambari), endurance (gaman), dissatisfaction (ki ga sumanai), complaining, criticism, culture shock  12/12 Modesty (kenkyo), apologies, honorific language (keigo), avoiding shame (haji), compliance (sunao), journal check  12/29 Silence (chinmoku), belly art (haragei), restraint (enryo-sasshi) composure, suppression of self (jibun ga nai), ambiguity (aimai), responsiveness (aizuchi)  1/9 The introduction (shokaijo), go-betweens (chukai-sha), guarantors (hoshonin), laying groundwork (nemawashi), verbal agreements (yakusoku), trust (shinyo)  1/23 Simplicity/elegance (wabi-sabi), sensitivity to nature (mono no aware), right mindfulness (shōnen)  1/30 Japaneseness (Nihonjinron), superiority/inferiority (ichiban to biri), journal check</p>
<b>key words</b>	Cultural adjustment, intercultural competence
<b>Textbook and other readings</b>	Davies, Roger J. and Osamu Ikeno. 2002. Selections from The Japanese Mind—Understanding Contemporary Japanese Culture. Tokyo: Tuttle Publishing. More, Provided on request
<b>Study Consultation</b>	Office: 2nd Floor, International Student Center, Hakozaki Campus Office Hours: Fridays, 3:00-5:00 p.m. (at Hakozaki), or by appointment Email: : pollackj@isc.kyushu-u.ac.jp or pollackj@gmail.com Phone: 642-2153 (office), 08056027368 (mobile)
<b>Exams/Results Evaluation Method</b>	1. Reading reflections will comprise 25% of the final grade; written reports, 25%; group research and presentation, 20%; journal work, 10%; and discussion participation (which presupposes class attendance), 20%. 2. Evaluation of performance in the course will take into account differences between students in English language

<b>Module Code</b>	
<b>Course Subject Classification</b>	Core Seminar
<b>Course Title</b>	Core Seminar
<b>Intended Students</b>	School of Agriculture
<b>Taught Year</b>	The 1st year
<b>Course Year</b>	2013
<b>Course Term</b>	Autumn Semester
<b>Taught Day</b>	Basically Tuesday, the 4th and 5th periods (14.50-18.10)
<b>Subject Area</b>	
<b>Campus</b>	Ito campus
<b>Credit</b>	2
<b>Course Tutor</b>	Yasumaru Hirai, Michiyasu Yoshikuni, Akira Wakana, Ken-ichi Honjoh, Wataru Mizunoya, Hisamitsu Saitoh, Akie Kawasaki
<b>TA</b>	
<b>Pre-requisites</b>	
<b>Course Overview</b>	Students learn current situation and technologies in Japanese agriculture, forestry, fisheries, stock-raising and food industry.
<b>Study Objectives (general)</b>	General objectives: This course is designed to let students acquire basic knowledge and sense regarding agriculture, forestry, fisheries, stock-raising and food industry.
<b>Study Objectives (specific)</b>	Specific Goals: Students will be able to A. explain processes of rice harvest, shipment, and storage as well as functions of agricultural machinery and storage facility. B. understand basics in forestry industry. C. understand basics in fisheries and marine technologies. D. explain slaughterhouse systems and the current situation of Japanese pig farms. E. explain manufacturing processes of bottled or canned beverage. F. understand the basic technologies in citrus industry. G. connect economic theory to real-world agribusiness practice.
<b>Study consultation (office hour)</b>	Office: 203, AgriBio Research Center, Ito Campus (Yasumaru HIRAI) Office Hours: Tuesday. 9:00-12:00 Email: hirai@bpes.kyushu-u.ac.jp Phone: 802-4941
<b>Course Plan</b>	Tentative Weekly Schedule:  1. 10/8 14:50~ (Yasumaru HIRAI). Orientation: Course overview, lecture schedule, self-introduction 2. 10/15 14:50~ (Yasumaru HIRAI). Field trip 1: Rice harvesting fields, country elevator. Brief lectures about agricultural mechanization 3. Not fixed (Akie Kawasaki). Field trip 2: Itoshima forestry industry research group 4. 11/19 14:50~ (Michiyasu Yoshikuni). Field trip 3: Fukuoka fisheries and marine technology research center 5. 12/3 12:30~ (Wataru Mizunoya). Field trip 4: Fukuoka meat wholesale market. Brief lectures about the pig industry by a farmer 6. 12/17 14:50~ (Ken-ichi Honjyo). Field trip 5: Beverage manufacturing company (Kyusei Inryo Kogyo) 7. 1/25(Sat.) 12:30~ (Akira Wakana). Field trip 6: Citrus fruits orchard 8. 1/28 14:50~(Hisamitsu Saitoh). Field trip 7: Itoshima milk plant
<b>Textbooks</b>	
<b>Exams/Results Evaluation Method</b>	1. Attendance:30% 2. Report: 70%, Students will have a report assignment after each lecture. Student's achievement to specific goals is evaluated through the report.
<b>Others</b>	
<b>Link(s)</b>	