Course Name	**Music Psychology**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	4000	**Course Number**	027055
Instructor(s) (Institution)	ADACHI Mayumi（大学院文学研究院）		
Course Objectives	Music psychology—psychological studies of music and musical behaviors—is becoming more and more popular among researchers. This course will cover the wide scope of music psychology, ranging from the system of sound to the ecological functions of music. The goals of this course are to grasp the basis of music psychology and to understand what has already been revealed and what still needs to be investigated. This course will provide an opportunity for you to think about what "music psychology" can contribute to the advancement of our knowledge about music and our musical behaviors (e.g., listening, singing, performing, composing).		
Course Goals	By taking this course, you will: (1)come to understand technical terms, concepts, and phenomena related to music psychology through lectures. (2)become able to explain technical terms, concepts, and phenomena related to music psychology with your own words.		
Course Schedule	1. Orientation & Overview of the course 2. Acoustics & Psychoacoustics 3. Hearing system 4-5. Principles of music perception (& Online quiz) 6-8. Music perception and cognition (including developmental issues) 9-10. Memory in music (including developmental issues) 11-13. Music and emotion (including developmental issues) 14. Psychology of music performance 15. Musical affordances (including developmental issues) AND Online final exam.		
Homework	As a preparation, read an article/chapter assigned for each topic, and jot down questions you would like to ask during lectures (1 hour/week). As a review, go over the handouts for each topic, and try explaining technical terms and/or phenomena with your own words (1 hour/week). In addition to the above homework, explore additional research articles or information of your interests to expand your knowledge in this field (1 hour/week).		
Grading System	Attendance & discussion (10 %), Online quiz (20 %), and Online final exam (70%).		
Textbooks / Reading List	Psychology of music: From sound to significanceS. Tan, P. Pfordresher, & R. HarreHove, UK: Psychology Press20109.7818416987e+12 Mandatory readings, including selected portions from the textbook, will be either distributed in the class and/or available as PDF via Moodle in ELMS system.		
Websites			
Website of Laboratory			
Additional Information	The lecture portion of this course is offered as "Music Psychology" (3000 level for Arts & Science Courses in English). If nobody registers for this English course, and if all the registered students wish, the lecture may be given in Japanese.		

Course Name	**Ecology and Evolution**		
Semester, Year	Fall quarter	**Number of Credits**	2 Credits
Course level	5000	**Course Number**	027076
Instructor(s) (Institution)	ARAKI Hitoshi（大学院農学研究院）		
Course Objectives	In this course, we learn concepts and techniques of ecology, evolution and conservation through profound discussions on peer-reviewed papers in scientific journals.		
Course Goals	1. Understand the concepts of ecology, evolution and conservation 2. Evaluate scientific manuscript critically 3. Summarize peer-reviewed papers and give presentations for discussion 4. Lead and contribute to scientific discussions		
Course Schedule	We assign a discussion leader for each paper of interest. The discussion leader will summarize the paper at the beginning of each course, followed by discussions over the paper. The scientific papers include ecology, evolution and conservation. The study species may include not only animals but also plants and micro-organisms.		
Homework	Read the paper thoroughly in advance and prepare for discussion. Each member is expected to provide some idea(e.g. questions, critics, better methods) to the discussion each time.		
Grading System	Contribution to the open discussion（70%) and strategy for leading the discussion（30%） are evaluated. No final exam.		
Textbooks / Reading List	Eco-evolutionary Dynamics / Andrew P. Hendry : Princeton Univ Pr, 2016, ISBN:0691145431		
Websites			
Website of Laboratory	https://animalecologystaff.wixsite.com/hgs-lae/en		
Additional Information			

Course Name	**Introductory Complex Function**		
Semester, Year	Fall quarter	**Number of Credits**	1 Credit
Course level	2000	**Course Number**	027067
Instructor(s) (Institution)	ARINDAM Das（高等教育推進機構）		
Course Objectives	The main objective of this course is to familiarize students with the complex analysis that are essential for solving advanced problems in theoretical physics.		
Course Goals	The course is an introduction to the complex function. The course deals with complex numbers and complex plane, analytic functions, Cauchy-Riemann equations, complex integration, Cauchy's integral formula, power series and Laurent series, zeros and singularities, and residue theory with the Cauchy residue theorem.		
Course Schedule	Complex Variables and Functions Analytic function Taylor and Laurent Series Singularities Calculus of Residues Final Exam		
Homework	Each week, the homework assignment requires students to solve several problems relevant to the topics discussed in class.		
Grading System	Class Performance: 10% Homework: 40% Final Exam: 50%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Students have to register for Lecture and Seminar both. Interaction type will be English.		

Course Name	**Exercise in Introductory Complex Function**		
Semester, Year	Fall quarter	**Number of Credits**	1 Credit
Course level	2000	**Course Number**	027068
Instructor(s) (Institution)	ARINDAM Das（高等教育推進機構）		
Course Objectives	The main objective of this course is to familiarize students with the complex analysis that are essential for solving advanced problems in theoretical physics.		
Course Goals	The course is an introduction to the complex function. The course deals with complex numbers and complex plane, analytic functions, Cauchy-Riemann equations, complex integration, Cauchy's integral formula, power series and Laurent series, zeros and singularities, and residue theory with the Cauchy residue theorem.		
Course Schedule	Complex Variables and Functions Analytic function Taylor and Laurent Series Singularities Calculus of Residues Final Exam		
Homework	Each week, the homework assignment requires students to solve several problems relevant to the topics discussed in class.		
Grading System	Class Performance: 10% Homework: 40% Final Exam: 50%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Students have to register for Lecture and Seminar both. Interaction type will be English.		

Course Name	**Statistical Mechanics I**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027061
Instructor(s) (Institution)	ARINDAM Das（高等教育推進機構）		
Course Objectives	The objective of statistical physics is understanding the behaviour of matter on the basis of its microscopic structure and of the microscopic laws of nature.		
Course Goals	To obtain a basic understanding of the key concepts of thermal physics like entropy, especially the use and basic applications of equilibrium statistical mechanics and elementary thermodynamics in problems of pedagogical and practical importance.		
Course Schedule	1. Thermal Equilibrium; The ideal gas; Equipartition of energy 2. Heat and Work; Compression work 3. Heat capacities; Rates of processes 4. Two-state systems; The Einstein model of a solid; Interacting systems 5. Large systems; The ideal gas 6. Entropy 7. Temperature; Entropy and Heat 8. Paramagnetism; Mechanical equilibrium and pressure 9. Diffusive equilibrium and Chemical potential; Summary and a look ahead 10. Heat engines; Refrigerators 11. Real heat engines; Real refrigerators 12. Free energy as available work and as a force toward equilibrium 13. Phase transformations of pure substances; Phase transformations of mixtures 14. Dilute solutions; Chemical equilibrium 15. Final exam		
Homework	Each week, the homework assignment requires students to solve several problems relevant to the topics discussed in class.		
Grading System	Class Performance: 10% Homework: 40% Final Exam: 50%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Students have to register for Lecture and Seminar both. Interaction type will be English.		

Course Name	**Quantum Mechanics I**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027062
Instructor(s) (Institution)	ARINDAM Das（高等教育推進機構）		
Course Objectives	Quantum mechanics is a system that describes the world of microscopic materials, and forms the foundation of physics with dynamics, thermal statistical mechanics, electromagnetism. In this lecture we briefly look back on the birth of quantum theory and then learn the fundamental principles of quantum mechanics such as Schrödinger equation, operator and wave function space and apply it to simple systems to solve the Schrödinger equation and the physical meaning. Finally we learn about symmetry, conservation law, angular momentum.		
Course Goals	We set the following four goals. (1) To understand the fundamental properties of quantum mechanics such as Schrödinger equation, meaning of wave function and expectation value. (2) To solve the Schrodinger equation for various potentials and to understand the result. (3) To understand the system of quantum mechanics such as operators and wave function space. (4) To understand the role of various symmetries in quantum mechanics and angular momentum and its representation.		
Course Schedule	We set the following four goals. (1) To understand the fundamental properties of quantum mechanics such as Schrödinger equation, meaning of wave function and expectation value. (2) To solve the Schrodinger equation for various potentials and to understand the result. (3) To understand the system of quantum mechanics such as operators and wave function space. (4) To understand the role of various symmetries in quantum mechanics and angular momentum and its representation.		
Homework	Every week		
Grading System	Class Performance: 10% Homework: 40% Final Exam: 50%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Students have to register for Lecture and Seminar both. Interaction type will be English.		

Course Name	**Seminar in Statistical Mechanics I**		
Semester, Year	2nd semester	**Number of Credits**	1 Credit
Course level	2000	**Course Number**	027063
Instructor(s) (Institution)	ARINDAM Das（高等教育推進機構）		
Course Objectives	The objective of statistical physics is understanding the behaviour of matter on the basis of its microscopic structure and of the microscopic laws of nature.		
Course Goals	To obtain a basic understanding of the key concepts of thermal physics like entropy, especially the use and basic applications of equilibrium statistical mechanics and elementary thermodynamics in problems of pedagogical and practical importance.		
Course Schedule	1. Thermal Equilibrium; The ideal gas; Equipartition of energy 2. Heat and Work; Compression work 3. Heat capacities; Rates of processes 4. Two-state systems; The Einstein model of a solid; Interacting systems 5. Large systems; The ideal gas 6. Entropy 7. Temperature; Entropy and Heat 8. Paramagnetism; Mechanical equilibrium and pressure 9. Diffusive equilibrium and Chemical potential; Summary and a look ahead 10. Heat engines; Refrigerators 11. Real heat engines; Real refrigerators 12. Free energy as available work and as a force toward equilibrium 13. Phase transformations of pure substances; Phase transformations of mixtures 14. Dilute solutions; Chemical equilibrium 15. Final exam Small Category Code Small Category Title and basics) Middle Category Code Middle Category Title		
Homework	Each week, the homework assignment requires students to solve several problems relevant to the topics discussed in class.		
Grading System	Class Performance: 10% Homework: 40% Final Exam: 50%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Students have to register for Lecture and Seminar both. Interaction type will be English.		

Course Name	**Seminar in Quantum Mechanics I**		
Semester, Year	2nd semester	**Number of Credits**	1 Credit
Course level	2000	**Course Number**	027066
Instructor(s) (Institution)	ARINDAM Das（高等教育推進機構）		
Course Objectives	Quantum mechanics is a system that describes the world of microscopic materials, and forms the foundation of physics with dynamics, thermal statistical mechanics, electromagnetism. In this lecture we briefly look back on the birth of quantum theory and then learn the fundamental principles of quantum mechanics such as Schrödinger equation, operator and wave function space and apply it to simple systems to solve the Schrödinger equation and the physical meaning. Finally we learn about symmetry, conservation law, angular momentum.		
Course Goals	We set the following four goals. (1) To understand the fundamental properties of quantum mechanics such as Schrödinger equation, meaning of wave function and expectation value. (2) To solve the Schrodinger equation for various potentials and to understand the result. (3) To understand the system of quantum mechanics such as operators and wave function space. (4) To understand the role of various symmetries in quantum mechanics and angular momentum and its representation.		
Course Schedule	1. The birth of quantum theory 2. Schrödinger equation 3. One-dimensional quantum system 4. Operators and wave function space 5. Schrödinger equation in a central force field 6. Angular momentum and its representation		
Homework	Every week		
Grading System	Class Performance: 10% Homework: 40% Final Exam: 50%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Students have to register for Lecture and Seminar both. Interaction type will be English.		

Course Name	**Japanese Foreign Policy Ⅱ**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	3000	**Course Number**	027101
Instructor(s) (Institution)	IWAMI Tadashi（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course explores Japan's role in international politics. It focuses on Japan's foreign and security policies in the post-Second World War era. The course provides students with various opportunities to learn, analyze and discuss the change and continuity of Japan's foreign and security policies in both regional and global contexts. It examines some of the recent foreign and security issues surrounding Japan in the Indo-Pacific region.		
Course Goals	By the end of the course, students are expected to achieve the following course objectives: 1.Understand the critical turning points in the change and continuity of Japan's foreign and security policies in the post-Second World War period 2.Analyze and discuss various issues that have had an impact on Japan's foreign and security policies, and 3.Contribute to creating a proactive learning environment in the classroom by communicating and collaborating with the other students		
Course Schedule	Week 1 Introduction to Aspects of Japan I: Japan's Foreign and Security Policy Week 2 Japan in the Immediate Aftermath of the Second World War Week 3 Theories I: Realism Week 4 Theories II: Liberalism and Constructivism Week 5 Japan's Constitution and its Foreign and Security Posture Week 6 Japan-US Security Alliance and Regional Instability Week 7 Reviewing theories of International Security Week 8 Japan's Foreign and Security Policies in the Cold War Era Week 9 Japan's New Roles in the post-Cold War Week 10 Japan's Commitment to United Nations Peacekeeping Operations Week 11 Abe Administration and Japan's proactive role in regional and global security Week 12 Regional Instability in the Post-Abe Administration Week 13 In-class Presentation I Week 14 In-class Presentation II Week 15 Review and Wrapping up		
Homework	Read the reading materials before coming to the lecture every week		
Grading System	Research Presentation 40% Research Report 40% Class Discussion 20%		
Textbooks / Reading List	All reading materials will be made available online at the course website or Google classroom		
Websites			
Website of Laboratory			
Additional Information	The lecture schedule is subject to change.		

Course Name	**Japanese Politics**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	3000	**Course Number**	027102
Instructor(s) (Institution)	IWAMI Tadashi（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course introduces students to a wide range of issues, events and problems related to the political institutions of modern Japan . In particular, it employs a multi-faceted framework known as PESTLE when students learn the contents of modern Japan. PESTLE allows them to understand and analyse various issues from multidimensional perspectives.		
Course Goals	By the end of the course, students are expected to achieve the following course objectives: 1.Understand and describe current issues related to modern Japan 2.Analyse the current issues of Japan by applying the PESTLE framework 3.Evaluate and display the outcomes of their learning by writing a report and delivering an in-class presentation		
Course Schedule	Week 1 Introduction to Japanese Studies: Political Economy / Japanese Politics Week 2 Think, Pair, Share Japanese Studies Week 3 PESTLE Approach to Japanese Studies Week 4 Why Japan Matters: Politics, Economy and its Global Role Week 5 Politics in Japan I: An Overview Week 6 Politics in Japan II: Japan's Political Executive Branches Week 7 Politics in Japan III: Key Characteristics of Political Parties: LDP I Week 8 Politics in Japan IV: Key Characteristics of Political Parties: LDPII and Other Parties Week 9 Learning Academic and Research Skills Specific to Japanese Studies Week 10 Conducting Research on Japan Week 11 Learning Presentation Skills Week 12 In-class Presentation and Peer Review I Week 13 In-class Presentation and Peer Review II Week 14 In-class Presentation and Peer Review III Week 15 Review and Wrapping-up the Semester		
Homework	Read the reading materials before coming to the lecture every week		
Grading System	Research Presentation 40% Research Report 40% Class Discussion 20%		
Textbooks / Reading List	Read the reading materials before coming to the lecture every week		
Websites			
Website of Laboratory			
Additional Information	The lecture schedule is subject to change.		

Course Name	**Soviet History, 1917-1991**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	5000	**Course Number**	027054
Instructor(s) (Institution)	WOLFF DAVID（スラブ・ユーラシア研究センター）		
Course Objectives	This course is an introduction to Soviet History for students whose main goal is to gain an overview of different varieties of historical approaches to Russia, while strengthening their English-language skills.		
Course Goals	1. Learn correct chronology of Soviet history 2. Understand principles and practice of Leninist politics and socialist economy 3. Strengthen English skills through reading, discussion and presentation		
Course Schedule	Week 1: Russia on the Eve of Revolution: Introduction Week 2: The Theory of Revolution and the Revolutionary Movement Week 3: October (in November) Week 4: War Communism/NEP and Foreign Policy Week 5: Nationality and Nationalities Week 6: Collectivization, Industrialization, Purge and Terror Week 7: Culture: The Great Experiment and Socialist Realism Week 8: Politics, Diplomacy and Leadership: Lenin and Stalin Week 9: World War II and Cold War Week 10: Soviet Women Week 11: GULAG and Diaspora Week 12: Stagnation, Daily Life and Collapse Week 13-15: Student presentations		
Homework	Students must complete readings before class to be able to engage in active discussion.		
Grading System	50% Paper 30% Class participation 20% Presentation		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	This course is open to all students with sufficiently strong English and interest in Soviet history, but is primarily intended for graduate students of the Slavic-Eurasian Research Center. Course is fully online and students can only register if they a		

Course Name	**The Real Story of Child Language Acquisition**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	4000	**Course Number**	027056
Instructor(s) (Institution)	OKU Satoshi（大学院メディア・コミュニケーション研究院）		
Course Objectives	Every child acquires their native language effortlessly and in a very short period. This looks so natural that people do not realize how amazing it is. Current studies of language and language acquisition have revealed several interesting aspects of child language acquisition, many of which do not coincide with what we normally believe about language. In this course, we are going to discuss how actually children acquire their native language. The students also learn basic concepts and methodology of study of human language.		
Course Goals	The students will learn skills to read, and understand substantial amounts of English texts, and will have training of writing essays in English. The students also learn basic concepts and methodology of study of human language. The students eventually can evaluate how fascinating human language is, and thus how fascinating human beings are.		
Course Schedule	(Following are subject to adjustment) Week1 General Guidance: Significance of Study of Child Language Acquisition Week2 Great Word Hunt: How Children Learn Words (1) How Children Find Words, learning Inflection Week3 Great Word Hunt: How Children Learn Words (2) Creating Words Week4 What's the Meaning of This?: How Children Acquire Linguistic Meaning (1) First Meanings, First Mapping Week5 What's the Meaning of This?: How Children Acquire Linguistic Meaning (2) Learning Nouns, Learning Verbs Week6 What's the Meaning of This?: How Children Acquire Linguistic Meaning (3) Learning Adjectives, Learning Preposition, Learning Pronouns Week7 Words All in a Row: How Children Learn to Build Sentences (1) Getting Started, Pivotal Words, Missing Bid Pieces Week8 Words All in a Row: How Children Learn to Build Sentences (2) Missing Small Pieces, Learning to say "Not" Week9 Words All in a Row: How Children Learn to Build Sentences (3) Who? What? Where?, Yes-No Questions, Other Constructions Week10 What Sentences Mean: How Children Use Sentences to Communicate (1) What a Word Can Do?, Two is Better than One, Passive Sentences Week11 What Sentences Mean: How Children Use Sentences to Communicate (2) Understanding things that aren't there, Understanding Pronouns, Can you Quantify that? Week12 Talking the Talk: How Children Perceive Speech Sound Week13 How do They Acquire Language?: Against "Common Sense" Account (1) Why it's not Imitation?, Why it's not Teaching? Week14 How do They Acquire Language?: Against "Common Sense" Account (2) So, What DO Children Need?, It's All in the Head Week15 (August/02) Summary: Final Word - What's the difference between First and Second Language Acquisition?		
Homework	Students are required to do homework assignments every week. Read the text, summarize the content, and answer questions in the homework.		
Grading System	Evaluation is based on the student's contribution to the class discussion (20%), homework assignments (1-2 page long every week) (60%), and a short term paper (20%).		
Textbooks / Reading List	How Children Learn LanguageWilliam O'GradyCambridge University Press20059.7805215319e+12 Buy one at Coop bookstore		
Websites			

Website of Laboratory	
Additional Information	Students are supposed to have TOEFL-ITP score 530 or above (or equivalent English proficiency) to take this course. If you do not satisfy this qualification, but still are eager to take this course, come to see the instructor. （この授業は、講義、ディスカッション、宿題、全て英語で行う。受講学生は、TOEFL-ITP 530 点以上（またはそれと同等）の英語力があることを前提とする。上記、条件を満たさない学生でも、強く受講を希望する場合は、担当教員に相談すること。）

Course Name	**Japanese Economy**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027060
Instructor(s) (Institution)	ONYENEKE GECHINTI BEDE（大学院経済学研究院）		
Course Objectives	Students will be able to: 1. Understand the history, challenges and prospects of the Japanese Economy. 2. Understand Japanese management and business practices. 3. Learn from cases of Japanese companies adapting to changing markets.		
Course Goals	To introduce to students various issues in modern Japanese economy and offer insights into Japanese management and business practices.		
Course Schedule	Lecture 1: Introduction Lecture 2: Japanese Economic History Lecture 3: Japan's Entrepreneurial Landscape Lecture 4: Japanese Management Practices Lecture 5: Concepts in Japanese management Lecture 6: Challenges for Japanese Economy Lecture 7: Culture and Consumer Behavior in Japan Lecture 8: Globalization of Japanese Firms Lecture 9: Succeeding in Global Markets Lecture 10: Marketing across borders Lecture 11: Digital Transformation in Japanese Firms Lecture 12: Executing Digital Transformation Lecture 13: Business Model innovation Lecture 14: Summary Lecture 15: Final Examination		
Homework	Students are required to read assigned lecture materials for each class and create a brief summary with discussion points.		
Grading System	1) Students' active participation in class is worth 50% of your grade. (This means that you should talk in class, ask and answer questions, and share your ideas with others to do well in the course). 2) Evaluation of submitted assignment accounts for 20%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	The course schedule may change depending on the progress of the class. Instructions on how to proceed with the class will be explained in detail in the first class.		

Course Name	**Multiculturality in Hokkaido and Japan**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027091
Instructor(s) (Institution)	Emma Cook（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course explores multiculturalism and minorities in Japan. Guest lecturers will also be invited to present on various aspects of multiculturalism in the Japanese context.		
Course Goals	Students will: 1. Gain an introductory theoretical understanding of minorities, ethnicity, race, identities, and multiculturalism in Japan 2. Gain knowledge of the lives and practices of indigenous peoples and minorities in the Japanese context.		
Course Schedule	1.Introduction: Minorities and Multiculturalism 2.Ethnicity and Race 3.Multiculturalism and Japan 4.The Ainu 5.Okinawa and Ryukyuans 6.Zainichi Koreans 7.Nikkei Brazilians 8.Guest Lecture 9.Guest Lecture 10.'Hāfu' or 'Double' 11.'The Politics of Identity in Japan' 12.Student Presentations 13.Student Presentations 14.Student Presentations 15.Moving Beyond Multiculturalism?		
Homework	Weekly readings are assigned and students must submit a discussion question based on the reading each week.		
Grading System	Discussion Questions: 20% Reflection Essays: 50% Presentation: 30% (Please note that this is subject to change and finalised information will be available in the course syllabus available at the beginning of the class on the Google Classroom page of this course.)		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	A strong command of English is recommended. Please note that the course schedule, topics, and grading system may be subject to change. Finalised information will be available in the course syllabus available at the beginning of the class on the Google Classroom page of this course.		

Course Name	**Japanese Culture II: Advanced Readings**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	3000	**Course Number**	027092
Instructor(s) (Institution)	Emma Cook（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course is designed for students to learn more about Japanese society and culture through ethnographies of Japan, and to learn how to begin producing ethnography themselves. Each week we will focus on one ethnographic study of Japan, reading and analyzing two or three chapters of each book. Students will also learn about ethnographic methods and put this knowledge into practice by conducting some fieldwork and producing their own ethnographic essay.		
Course Goals	Students will: 1. Develop a deeper understanding of Japanese culture and society through reading ethnographies of Japan. 2. Gain an understanding of ethnographic research methods and their relation to the production of knowledge 3. Gain practical skills in conducting ethnographic research and writing ethnographies		
Course Schedule	1.Introduction to Social Anthropology and Ethnographic Writing 2.Making Tea, Making Japan 3.Robots and the Nation 4.Music and Noise 5.Fieldwork and Ethnographic Writing 6.Reflection Papers: Writing Ethnographies 7.Coffee Cultures 8.Culture and Illness 9.Cultures of Aging 10.Cultures of Care 11.Cultures of (Human) Death 12.Cultures of (Pet) Death 13.Essay Preparation 14.Essay Peer Review 15.Review and Reflections		
Homework	Each week there will be selected readings from the ethnographies - usually 2-3 chapters - and students must formulate a discussion question for each chapter to send it in before the class. All readings are provided via the course website on Google Classroom.		
Grading System	Discussion Questions (20%) Discussion Lead and Reading Analysis (20%) Reflective Analysis on Ethnographic writing (20%) Ethnographic Essay (40%) (Please note that this is subject to change and finalised information will be available in the course sy		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	This course is primarily designed for 2nd year (and above) MJSP students. However, students with a background in Japanese studies are able to attend after agreement by the instructor. A strong command of English is needed to take this course, and the course schedule and syllabus are subject to change. Finalised information will be available in the course syllabus available at the beginning of the class on the Google Classroom page of this course.		

Course Name	**Creative Writing Workshop: Writing Short Stories**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027079
Instructor(s) (Institution)	Ku Eric Kuo Han（大学院メディア・コミュニケーション研究院）		
Course Objectives	This class is a creative writing workshop focusing on reading and writing short stories. This class is called a "workshop" because the primary goal of the class is for students to write their own short stories and discuss them as a class. During class, both the instructor and classmates will discuss the short stories and provide constructive criticism. In addition, we will read a wide range of short studies published by respected authors from various regions around the world, various genres, and various time periods.		
Course Goals	By the end of the course, students will： - learn foundational concepts of how short stories are written - read a wide range of short stories from different genres, authors, regions, and time periods - write their own short stories - learn to evaluate and provide constructive feedback to their classmates' short stories		
Course Schedule	Week 1: Course Introduction Week 2: Reading Short Stories 1 & 2 (Focus on Plot Structure and Point of View) Week 3: Reading Short Stories 3 & 4 (Focus on Tone and Dialogue) Week 4: Reading Short Stories 5 & 6 (Focus on Character Development) Week 5: Workshop 1: Student Stories 1 & 2 + Short Story 7 Week 6: Workshop 2: Student Stories 3 & 4 + Short Story 8 Week 7: Workshop 3: Student Stories 5 & 6 + Short Story 9 Week 8: Workshop 4: Student Stories 7 & 8 + Short Story 10 Week 9: Workshop 5: Student Stories 9 & 10 + Short Story 11 Week 10: Workshop 6: Student Stories 11 & 12 + Short Story 12 Week 11: Workshop 7: Student Stories 13 & 14 + Short Story 13 Week 12: Workshop 8: Student Stories 15 & 16 + Short Story 14 Week 13: Workshop 9: Student Stories 17 & 18 + Short Story 15 Week 14: Workshop 10: Student Stories 19 & 20 + Short Story 16 Week 15: Workshop 11: Student Stories 21 & 22 + Short Story 17 Week 16: Workshop 12: Student Stories 23 & 24 + How to Publish Your Short Stories		
Homework	Students will be expected to positively do preparation for and review of lesson material. Instructors will give a general explanation regarding preparations for the course at the beginning of the semester, and will also provide specific instructions as appropriate throughout the semester regarding preparation for individual classes. Students will also be expected to proactively establish their own goals and learning plans and to carry them out by themselves. If students do not prepare adequately, they may fail to master the content of the course and consequently there is a possibility that they be unable to gain credit. Students are therefore strongly recommended to earnestly and systematically engage in preparation for classes. Students will be expected to positively do preparation for and review of lesson material. Instructors will give a general explanation regarding preparations for the course at the beginning of the semester, and will also provide specific instructions as appropriate throughout the semester regarding preparation for individual classes. Students will also be expected to proactively establish their own goals and learning plans and to carry them out by themselves. If students do not prepare adequately, they may fail to master the content of the course and consequently there is a possibility that they be unable to gain credit. Students are therefore strongly recommended to earnestly and systematically engage in preparation for classes.		
Grading System	Course Credit Requirements: 1. Attend 12 out of 15 classes. 2. Arrive on time for class (If you are late 3 times, it will be counted as 1 absence) Grading: - Homework (20%) - Short Story Writing Assignment 1 (40%) - Short Story Writing Assignment		

Textbooks / Reading List	All readings will be provided by the instructor.
Websites	
Website of Laboratory	
Additional Information	Students with English language proficiency at or above advanced-intermediate level (TOEFL-ITP score＜ 500) may register for this course.

Course Name	**Current Events in Language and Society**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027080
Instructor(s) (Institution)	KLASSEN MARSHALL DROLET（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course will serve as an introduction to the field of translation and localization, identify promising practices in translation and localization in modern popular media, websites, and literature. Students who are interested in the process of translation and localization with native proficiency in English OR Japanese and intermediate proficiency in Japanese OR English are welcomed.		
Course Goals	Students will demonstrate the language linguistic and technical skills needed to effectively translate facts concepts and feelings from one language to another. Students will observe how language is translated from one language to the other, identify potential problems and complete in-class assignments based on the lecture and class readings. Students will gain an understanding of linguistic and cultural challenges and approaches to translation and localization, accompanied by scholarly articles and examples from media sources.		
Course Schedule	Week 1: Introduction & Key Concepts Week 2 - 3: Translation Services and Globalization Practices Week 4 - 5: Manga & Anime Week 6 - 7: TV Week 8 - 9: Cinema Week 10 - 11: Electronic Entertainment Week 12: Recap/Review Week 13 - 15: Student Presentations		
Homework	Students will be expected to complete assignments in and outside of the classroom. Preparation before class is expected, and students who do not prepare before class may have trouble completing assignments in-class. The instructor will give clear directions about expectations in class, and how to prepare for the next class, through readings and/or homework assignments. If students do not review the materials, they may not be able to perform well in homework and exams, and may be unable to gain credit. Students are asked to prepare for each class session seriously in order to get the most out of our class.		
Grading System	Grading System Course Credit Requirements: 1. Complete both the Midterm and Final Exam 2. Attend 12 out of 15 classes. 3. Arrive on time for class (If you are late 3 times, it will be counted as 1 absence) Grading: Participation (20%) Quizzes (30%) Exams (Midterm & Final) (50%)		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Students with English language proficiency at or above advanced-intermediate level (TOEFL-ITP score ＜ 500) may register for this course. Students will access all class materials, quizzes, and homework assignments via devices (laptops, smartphones, tablets) in the classroom.		

Course Name	**Translation and Localization of Japanese and English-Language Media**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027085
Instructor(s) (Institution)	KLASSEN MARSHALL DROLET（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course will serve as an introduction to the field of translation and localization, identify promising practices in translation and localization in modern popular media, websites, and literature. Students who are interested in the process of translation and localization with native proficiency in English OR Japanese and intermediate proficiency in Japanese OR English are welcomed.		
Course Goals	Students will gain an understanding of linguistic and cultural challenges and approaches to translation and localization, accompanied by scholarly articles and examples from media sources. Students will demonstrate the language, linguistic and technical skills needed to effectively translate facts, concepts, and feelings from one language to another. Students will observe how language is translated from one language to the other, identify potential problems and complete in-class assignments based on the lecture and class readings.		
Course Schedule	Week 1: Introduction & Key Concepts Week 2 - 3: Translation Services and Globalization Practices Week 4 - 5: Manga & Anime Week 6 - 7: TV Week 8 - 9: Cinema Week 10 - 11: Digital Entertainment Week 12: Recap/Review Week 13 - 15: Student Presentations		
Homework	Students will be expected to complete assignments in and outside of the classroom. Preparation before class is expected, and students who do not prepare before class may have trouble completing assignments in-class. The instructor will give clear directions about expectations in class, and how to prepare for the next class, through readings and/or homework assignments. If students do not review the materials, they may not be able to perform well in homework and exams, and may be unable to gain credit. Students are asked to prepare for each class session seriously in order to get the most out of our class.		
Grading System	Grading System Course Credit Requirements: 1. Complete both the Midterm and Final Exam 2. Attend 12 out of 15 classes. 3. Arrive on time for class (If you are late 3 times, it will be counted as 1 absence) Grading: Participation (20%) Quizzes (30%) Exams (Final) (50%)		
Textbooks / Reading List	All materials will be distributed digitally using the course Learning Management System (LMS).		
Websites			
Website of Laboratory			
Additional Information			

Course Name	**Indigenous Peoples and Education 2024 II**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027082
Instructor(s) (Institution)	Jeffry Joseph GAYMAN（大学院メディア・コミュニケーション研究院）		
Course Objectives	The purpose of this course is to deepen students' intercultural understanding through focusing on the topic of education as it relates to Indigenous Peoples and their aspirations and needs. Students will be introduced to the unique position of Indigenous Peoples in world history, general issues of Indigenous peoples as related to cultural transmission and education, and Indigenous responses to the educational challenges that they face. The course will use a variety of media including books, newspaper articles, interviews, video, film, You Tube, as well as actual Indigenous educational materials, in order to allow students to experience Indigenous society and culture and its issues in a firsthand way. Students will be given ample opportunities in class to discuss their own culture and experiences as related to the course topics, and thus extend their analytical and critical thinking skills and improve their oral and written skills of persuasion and critical commentary.		
Course Goals	○ To understand the unique position of Indigenous Peoples in world history, and through doing so to gain a deeper understanding of the relation between majority and minority peoples. ○ To critically reflect on the role of the environment, and of education, in cultural transmission and maintenance, and to become aware of the special needs of Indigenous peoples with regard to education. ○ To increase cultural sensitivity. ○ To critically reflect on power relations in society. ○ To increase knowledge and awareness of Indigenous peoples lives, issues and values, with a focus on the Indigenous Peoples of Aotearoa/New Zealand, Alaska, Hawaii, Scandinavia/the Nordic countries, and Japan. ○ To critically reflect on the relation between language, culture and identity, and on how we acquire and transmit our Native as well as second languages.		
Course Schedule	Week 1 Native Knowledge Systems Week 2 Native Knowledge Systems CONT Stories and the Oral Tradition Week 3 Native Knowledge Systems CONT Stories and the Oral Tradition Week 4 Review and Discussion Week 5 Imperialism, Colonialism and 'Indigenous Peoples' Week 6 The Nation-State and Schooling/Assimilatory Education Week 7 Language Shift and Loss of Tradition Week 8 "Culturally-Responsive Education"and The Indigenous Response to Mainstream Education Week 9 Saami Educational Initiatives Week 10 The Hawaiian Education Initiative Week 11 The Maori Education Initiative Week 12 Alaska Native Education Week 13 The World Indigenous Peoples' Conference on Education / Indigenous Higher Education Week 14 The Ainu People, Cultural Transmission and Education I Week 15 The Ainu People, Cultural Transmission and Education II		
Homework	Students will be expected to positively do preparation for and review of lesson material. The instructor will give a general explanation regarding preparations for the course at the beginning of the semester, and will also provide specific instructions as appropriate throughout the semester regarding preparation for individual classes. Students will also be expected to proactively establish their own goals and learning plans and to carry them out by themselves. If students do not prepare adequately, they may fail to master the content of the course and consequently there is a possibility that they be unable to gain credit. Students are therefore strongly recommended to earnestly and systematically engage in preparation for classes.		
Grading System	In-Class Participation (40%), Oral Presentations (20%), Journal/Final Paper (40%) Participation and Preparation (40%) Students who positively participate in class discussions and are well prepared for class with examples and/or questions regarding the material will receive higher marks. Oral Presentations (20%) Students will be required to give a 5-10 minute oral presentation from a list of weekly topics. More details will be given in the first class. Journal or Final Paper (40%) Students will be required to compose a final assignment in either a journal or a final paper format based on the		

	course materials, class discussions, or other related material. Journal entries must address four (4) different topics addressed in class. Further details and guidelines regarding length and how to compose these written assignments will be given in class.e
Textbooks / Reading List	Materials will be distributed by the instructor in class.
Websites	
Website of Laboratory	https://researchmap.jp/483/
Additional Information	This course is open only to students with an Advanced English ability (a score of 500 or higher on the TOEFL-ITP), and will be also opened as a code-shared subject of “International Exchange Program”.

Course Name	**Political Economy of Japan and East Asia**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027090
Instructor(s) (Institution)	SASADA Hironori（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course will explore political economy of East Asian countries including Japan, South Korea, Taiwan, and China. The course consists of two parts. The first part analyzes similarities and differences in the developmental paths and the systems of political economy in Japan, South Korea, Taiwan, and China. It also reviews existing studies on East Asian political economy. The second part examines the recent development in the economic relations among those countries focusing on such areas as trade, finance, and regional integration.		
Course Goals	This course places emphasis on interaction among the instructor and students in class, and students are expected to actively participate class discussion.		
Course Schedule	Week 1: Guidance Week 2: Overview of Asian Economy and Explanations for the “Asian Miracle” Week 3: Political economy of Japan (1) The bureaucracy Week 4: Political economy of Japan (2) Industrial policies Week 5: Political economy of Japan (3) Corporate systems Week 6: Political economy of South Korea (1) Week 7: Political economy of South Korea (2) Week 8: Midterm Exam Week 9: Political economy of Taiwan Week 10: Political economy of China (1) Week 11: Political economy of China (2) Week 12: Economic relations in East Asia (1) 1990s: Regionalism Week 13: Economic relations in East Asia (2) 1990s: The Asian financial crisis Week 14: Economic relations in East Asia (3) 2000s: Free trade agreements and TPP Week 15: Economic relations in East Asia (4) 2010s: Development assistance Week 16: Final exam		
Homework	Read the reading materials before coming to the lecture every week.		
Grading System	Midterm exam 40% Final exam 40% Class participation 20%		
Textbooks / Reading List	All reading materials will be made available on the Google classroom.		
Websites			
Website of Laboratory	https://hirosasada.github.io/		
Additional Information	The lecture schedule is subject to change.		

Course Name	**Introductory Fourier Analysis**		
Semester, Year	Winter quarter	**Number of Credits**	1 Credit
Course level	2000	**Course Number**	027069
Instructor(s) (Institution)	SALAK Dragan（高等教育推進機構）		
Course Objectives	Fourier analysis covers a wide range of mathematical concepts and techniques that are extensively used in science and engineering. In this course, we'll start from the basics – the Fourier series, as a tool to expand periodic functions. The students will then learn the Fourier transform and how to calculate it for various functions that are often encountered in physics problems. One such function is the Dirac delta function, and similar impulse functions, to which one lecture is devoted. Other topics include convolution, autocorrelation, and cross-correlation, concepts closely related to Fourier transform in practical applications. In the last part, students will learn about the Laplace transform, as another example of integral transforms. Various applications of Fourier series and Fourier transform will be discussed.		
Course Goals	Students will acquire skills to: - expand basic functions in Fourier series - calculate Fourier transforms - apply knowledge of Fourier transform to important functions such as Dirac delta function - calculate Laplace transform		
Course Schedule	Lecture 1: Fourier series I Lecture 2: Fourier series II Lecture 3: Fourier transform Lecture 4: Convolution Lecture 5: Dirac delta function Lecture 6: Fourier transform theorems Lecture 7: Laplace transform		
Homework	Homework (problem sets) will be distributed several times during the course. The deadline to submit answers will be two weeks.		
Grading System	The grades will be decided based on performance in three categories: - attendance (10%) - homework (40%) - final exam (50%)		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Learning material: lecture notes.		

Course Name	**Exercise in Introductory Fourier Analysis**		
Semester, Year	Winter quarter	**Number of Credits**	1 Credit
Course level	2000	**Course Number**	027070
Instructor(s) (Institution)	SALAK Dragan（高等教育推進機構）		
Course Objectives	Fourier analysis covers a wide range of mathematical concepts and techniques that are extensively used in science and engineering. In this course, we'll start from the basics – the Fourier series, as a tool to expand periodic functions. The students will then learn the Fourier transform and how to calculate it for various functions that are often encountered in physics problems. One such function is the Dirac delta function, and similar impulse functions, to which one lecture is devoted. Other topics include convolution, autocorrelation, and cross-correlation, concepts closely related to Fourier transform in practical applications. In the last part, students will learn about the Laplace transform, as another example of integral transforms. Various applications of Fourier series and Fourier transform will be discussed.		
Course Goals	Students will acquire skills to: - expand basic functions in Fourier series - calculate Fourier transforms - apply knowledge of Fourier transform to important functions such as Dirac delta function - calculate Laplace transform		
Course Schedule	1: Fourier series I 2: Fourier series II 3: Fourier transform 4: Convolution 5: Dirac delta function 6: Fourier transform theorems 7: Laplace transform		
Homework	Homework (problem sets) will be distributed several times during the course. The deadline to submit answers will be two weeks.		
Grading System	The grades will be decided based on performance in three categories: - attendance (10%) - homework (40%) - final exam (50%)		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Learning material: lecture notes.		

Course Name	**Classical Mechanics II**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027064
Instructor(s) (Institution)	SALAK Dragan（高等教育推進機構）		
Course Objectives	The second part of the two-semester course on classical mechanics begins with calculus of variations. After learning how to apply the Euler-Lagrange equation, techniques to solve problems on coupled oscillators will be covered using Lagrangian mechanics and matrix algebra. The next topic is Hamiltonian mechanics, a formalism based on Hamilton's equations. Conservation laws, canonical transformation, phase space, and Liouville's theorem will be discussed. In the second part, advanced topics on potential theory (Poisson's equation), fluid dynamics, wave mechanics (wave equation, interference, diffraction) are introduced.		
Course Goals	Acquire knowledge and skills to - apply Lagrangian formalism (Euler-Lagrange equation) to mechanics problems - solved coupled-oscillator problems - apply Hamiltonian formalism (Hamilton's equations) to mechanics problems - use the Poisson equation to solve problems in Newton's theory of gravitation - use the wave equation		
Course Schedule	1. Calculus of variations 2. Lagrangian mechanics I 3. Lagrangian mechanics II 4. Coupled oscillators I 5. Coupled oscillators II 6. Hamiltonian mechanics I 7. Hamiltonian mechanics II 8. Hamiltonian mechanics III 9. Potential theory I 10. Potential theory II 11. Potential theory III 12. Fluid dynamics 13. Wave mechanics I 14. Wave mechanics II 15. Wave mechanics III		
Homework	Homework (problem sets) will be distributed.		
Grading System	Grades will be decided based on performance as follows: - attendance/activity in seminars 10% - homework 40% - final exam 50%		
Textbooks / Reading List	Classical mechanicsJohn R. TaylorUniversity Science Books20059.7818913892e+12		
Websites			
Website of Laboratory			
Additional Information	The main learning material will be lecture notes. Students must register both lectures and seminar.		

Course Name	**Seminar in Mechanics II**		
Semester, Year	2nd semester	**Number of Credits**	1 Credit
Course level	2000	**Course Number**	027065
Instructor(s) (Institution)	SALAK Dragan（高等教育推進機構）		
Course Objectives	The second part of the two-semester course on classical mechanics begins with calculus of variations. After learning how to apply the Euler-Lagrange equation, techniques to solve problems on coupled oscillators will be covered using Lagrangian mechanics and matrix algebra. The next topic is Hamiltonian mechanics, a formalism based on Hamilton's equations. Conservation laws, canonical transformation, phase space, and Liouville's theorem will be discussed. In the second part, advanced topics on potential theory (Poisson's equation), fluid dynamics, wave mechanics (wave equation, interference, diffraction) are introduced.		
Course Goals	Acquire knowledge and skills to - apply Lagrangian formalism (Euler-Lagrange equation) to mechanics problems - solved coupled-oscillator problems - apply Hamiltonian formalism (Hamilton's equations) to mechanics problems - use the Poisson equation to solve problems in Newton's theory of gravitation - use the wave equation		
Course Schedule	1. Calculus of variations 2. Lagrangian mechanics I 3. Lagrangian mechanics II 4. Coupled oscillators I 5. Coupled oscillators II 6. Hamiltonian mechanics I 7. Hamiltonian mechanics II 8. Hamiltonian mechanics III 9. Potential theory I 10. Potential theory II 11. Potential theory III 12. Fluid dynamics 13. Wave mechanics I 14. Wave mechanics II 15. Wave mechanics III		
Homework	Homework (problem sets) will be distributed.		
Grading System	Grades will be decided based on performance as follows: - attendance/activity in seminars 10% - homework 40% - final exam 50%		
Textbooks / Reading List	Classical mechanicsJohn R. TaylorUniversity Science Books20059.7818913892e+12		
Websites			
Website of Laboratory			
Additional Information	The main learning material will be lecture notes. Students must register both lectures and seminar.		

Course Name	**Immigrants and society**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027105
Instructor(s) (Institution)	Xiao Lan（高等教育推進機構）		
Course Objectives	In today's globalized world, where the flow of people, goods, and information across national borders has become common, the number of immigrants is increasing in countries around the world. However, each country has its own system of accepting immigrants and its own way of thinking about "immigrants" depending on its history and political system. In this class, we aim to understand the phenomenon of immigration from the perspective of society, culture, and economy, and to acquire the knowledge and mindset necessary to build a multiculturally convivial society through discussions based on the experiences and ideas of students from different countries.		
Course Goals	Students can understand the history and present situation of globalization. Students can understand immigration issues. Students can organize their own thinking about a multiculturally society. Students can learn and practice ways of communication with people with different cultures.		
Course Schedule	1. Introduction 2. Intercultural communication 3. Globalization and Japan 4. Various forms of Immigration and Japan's migration history 5. Who are immigrants? 6. Immigration and economy 7. Immigration and society 8. Immigration and culture and education 9. Immigration issues in Japanese society 10～13. Group work project on 'multicultural society' 14. Presentation 15. Reflection and peer evaluation		
Homework	This class focuses on learning through group discussions and group work. Students need to gather information to actively participate in discussions.		
Grading System	Active participation in discussions. （50%） Final presentation（50%）		
Textbooks / Reading List	information will be given during the class.		
Websites			
Website of Laboratory			
Additional Information	TOEFL iBT61=ITP500 or above/ TOEIC score of about 590 is recommended If more than 25 people register for the course, there will be a selection process.		

Course Name	**Japanese History (Theory & Practice) II**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	3000	**Course Number**	027096
Instructor(s) (Institution)	SCHILTZ MICHAEL（大学院メディア・コミュニケーション研究院）		
Course Objectives	As traditional historiographies of a country's experience with modernity are mostly ordered according to an axis of 'key moments' or 'junctures' that were typically identified in hindsight (and, therefore, not visible as such to contemporaries), they often gloss over processes and/or structures that accumulate, build up over time and that are mostly latently present. Without attempting to reject traditional historiographies as unscientific or misleading, this course attempts to experiment with studying the latter. Concretely, we use the history of money and financial technologies as a case-study. Largely defined by network effects (this is to say that their utility is increased in proportion to the degree by which others are willing to participate in their use), this course attempts to uncover how consecutive Japanese governments a) dealt with Japan's (lower tier) financial status and b) tried to move the country higher on the international pecking order. The story is one of rampant experimentation, mounting losses, and occasional success. Importantly, the story is also an encounter with several of the most intensely dramatic aspects of the history of modern Japan. Financial affairs arguably determined the outcome of the Russo-Japanese War (1904-1905); success and eventual massive losses of foreign exchange reserves in World War I; and Japanese militarism on the road to World War II.		
Course Goals	Methodologically, the course presents multiple chances to engage with primary sources. Because of money's innate international nature (through international trade, exchange, investment etc.) quite a few official sources were published in English or in English translation. As such, they were elements in the Japanese campaign to enhance the country's credibility and make the country's financial instruments (bonds, debentures) palatable to the international investor. The course attempts to familiarize students with the process of finding, digesting, and evaluating both primary and secondary sources.		
Course Schedule	1. Bakumatsu currency crisis 2. From the Trade Dollar to the Bank of Japan 3. Matsukata deflation 4. Adoption of the Gold Standard 1 5. Adoption of the Gold Standard 2 6. Russo Japanese War 7. World War I: Japan's Role on the International Scene 8. Restoration of the Gold Standard 9. The Rise of Financial Expertise in the Roaring Twenties 10. The Great Depression 11. Women's Role in the Great Depression 12. Financial Imperialism in Asia 1 13. Financial Imperialism in Asia 2 14. 圓の戦争 15. Bankrupting Japan: The Financial Freeze		
Homework	From session 2 on, small student groups may be assigned to introduce topics to be discussed. This may include both historical matter and/or their contemporary implications. Students are expected to: 1. to participate in the course as a whole: doing the essential reading for each week's topic, and coming prepared to question and intervene. 2. To provide written and oral comments. 3. To research, write, present, and defend your argument and choice of topic to be discussed. 4. When presenting, students should go beyond the narrow content of the reading to be presented; develop an argument as a coherent whole, e.g. by focusing on theoretical issues (e.g. the relationship between (political) power and violence, methodological ones (for instance the nature of the relationship between 'ideas' and the material/technological/… contexts in which they are shaped).		
Grading System	Evaluation will be based on reading notes, class discussions (other means of evaluation may be discussed with the students). There is no paper to be written; instead, students are asked to make 'smart', elaborate and interactive presentations (these are a		

Textbooks / Reading List	
Websites	
Website of Laboratory	https://github.com/michaelschiltz/Japanese_History_2/blob/master/README.md
Additional Information	**This class is, by default, an in-person class with assistance by Google Classroom. For the classroom code, see the ELMS system. However, if the Covid situation deteriorates, and in accordance with university policy, the format may change to an online class. Note, however, that Google classroom remains at all times in place for the submission of homework and the formulation of discussion points throughout the course.** Introductory reading: Tamaki, Norio. 1995. Japanese Banking: A History, 1859-1959. Studies in Monetary and Financial History. Cambridge: Cambridge University Press. Some basic rules: whereas attendance is considered crucial, merely being present in class is insufficient to pass. Active participation is prerequisite. Checking social media or constantly looking at your phone during class is discouraging and even disturbing for your peers, so should be avoided. This class demands a considerable degree of commitment; do not take this class if you are not motivated.

Course Name	**Material Markets: Readings in Financial History**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	3000	**Course Number**	027097
Instructor(s) (Institution)	SCHILTZ MICHAEL（大学院メディア・コミュニケーション研究院）		
Course Objectives	More often than not, finance and financial markets conjure up images of abstract models, impenetrable jargon, and tortuous equations. This course, without denying the latter, argues that there also exist succinctly *material* aspects to them. In a concrete example: although markets trade sets of broadly similar or even identical securities, distinctly different rules and mechanisms governing their trading procedures and, in particular, technicalities governing the flows of information among market participants —what we nowadays conveniently refer to as microstructure— produce distinct ways of price formation and price discovery and, consequently, result in very different market outcomes, with clear implications for how markets evolve. Taking clues from the sociology of finance (MacKenzie, 2008; 2009) and especially from a strand of research in financial history (Goetzmann, 2005; 2017; Poitras, 2006), this course focuses on East-Asian financial history in a comparative context.		
Course Goals	Traditionally, one of the most promising venues for highlighting the materiality of markets has been the study of communication technologies enabling the transactions that take place within them. In a most recent example, John Handel has documented how the introduction of the ticker tape in the nineteenth-century London Stock Exchange went hand in hand with the creation of new inequalities in the distribution of price information among financiers and investors (2021), a finding that contradicts the efficiency and democratization story that the ticker's inventors and traditional economic studies have embraced. Similar asymmetries caused by the implementation of communication technologies have been discovered and documented by Eichengreen (2016) and MacKenzie (2009), from whom this course has borrowed its title. Unfortunately, very few studies have attempted to dig up parallels in non-Western contexts. In the Japanese context, Takatsuki has described how pre-modern messenger services as hikyakuya 飛脚屋 and tebata 手旗 cemented the role of capital-rich speculators in the Osaka Dojima Rice Securities Exchange (2018). Different, and, in my view, equally compelling, approaches to the materiality of markets have concentrated on the architectural design of (financial) marketplaces (Neal 1993; MacKenzie 2009); the role of mathematical developments (including material limits to computability) and actuarial science (Haberman, 1995), computing tools and data visualization (Poitras 2006) in the creation of financial instruments; bookkeeping tools and manuals (Schiltz 2020); assaying practices, trading heuristics (Haug & Taleb, 2011; Bouchaud et al., 2018), and so on (it is difficult if not impossible to make this list exhaustive). The approaches are not only aligned by their interest in the perceived inefficiencies and/or asymmetries market microstructure is believed to have produced. Interestingly, they are part and parcel of a very recent strand in the literature highlighting microstructure as the key to understanding the inner workings of the financial ecosystem (Bouchaud, 2008; Bouchaud et al., 2018).		
Course Schedule	Sessions and session topics: 1. What are material markets? 2. Where it all began: Sumerian clay tablets and early finance 3. Alternative historical paths: China's financial world 4. Early Japanese finance: the saifu 割符 of the 14th and 15th centuries 5. Fibonacci in Japan: the Jinkoki 塵劫記 and the spread of mercantile mathematics 6. The first true derivatives market in history?: the Osaka Dojima rice certificates market and the birth of 'how to get rich fast'-literature 7. The discovery of chance in renaissance Europe: dice, averages, annuities and actuarial science 8. A 'projecting age': technologies of trust and the British empire 9. Another watershed in communication technology: the telegraph and international trade 10. The 'politics of the stock ticker' 11. Late nineteenth century finance (1): and the invention of 'technical analysis' 12. Late nineteenth century finance (2): from 'Brownian motion' to 'efficient markets' 13. The material nature of the money article: what is financial data exactly? 14. "Cables, sharks and servers": undersea cables and the foreign exchange market 15. Wrap-up		
Homework	From session 2 on, small student groups may be assigned to introduce topics to be discussed. This may include both historical matter and/or their contemporary implications. Students are expected to: 1. to participate in the course as a whole: doing the essential reading for each week's topic, and coming prepared to question and intervene. 2. To provide written and oral comments. 3. To Research, write, present, and defend your argument and choice of topic to be discussed.		

	4. **When presenting, students should go beyond the narrow content of the reading to be presented; develop an argument as a coherent whole, e.g. by focusing on theoretical issues**
Grading System	Evaluation will be based on: reading notes, class discussions (other means of evaluation may be discussed with the students). There is no paper to be written; instead, students are asked to make 'smart', elaborate and interactive presentations (these are
Textbooks / Reading List	
Websites	
Website of Laboratory	https://github.com/michaelschiltz/materialmarkets
Additional Information	**This class is, by default, an in-person class with assistance by Google Classroom. For the classroom code, see the ELMS system. However, if the Covid situation deteriorates, and in accordance with university policy, the format may change to an online class. Note, however, that Google classroom remains at all times in place for the submission of homework and the formulation of discussion points throughout the course.** Some basic rules: whereas attendance is considered crucial, merely being present in class is insufficient to pass. Active participation is prerequisite. Checking social media or constantly looking at your phone during class is discouraging and even disturbing for your peers, so should be avoided. This class demands a considerable degree of commitment; do not take this class if you are not motivated.

Course Name	**Mindhacks: Organizing your Resources and Research in the Internet Era**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	3000	**Course Number**	027098
Instructor(s) (Institution)	SCHILTZ MICHAEL（大学院メディア・コミュニケーション研究院）		
Course Objectives	Thanks to the groundbreaking works of historians, anthropologists, sociologists and researchers in related interdisciplinary fields (medium theory, cybernetics), it has by now become accepted wisdom that not only the amount, but also the nature of scientific knowledge is a function of the constraints and opportunities that are hard-wired into the communication technologies that contain it. We are nowadays experiencing yet another sea change in information production and dissemination, conveniently summarized as the 'digital revolution'. Exploring the disruptive impact of the latter on the production of scientific knowledge is the mainstay of this course and project. As this course does not believe in the usefulness of the traditional lecture (and neither should you), the approach is 'hands-on': through the concrete manipulation of a wide range of (scholarly) tools, students will gradually be made aware of how conceptual domains and knowledge categories are shifting and emerging, and what types of attention will be indispensable when doing research in the aftermath (and mirror) of the 'Gutenberg Galaxy'....		
Course Goals	This course will take students on a digital journey which includes the management of bibliographic sources, alternative methods of writing and publication, tools for integrating writing and data analysis, etcetera. We also look into contemporary debates on preservation, data visualization, the relevance of academic debate in modern society, and what else. At all times will we be reminded of the fact that the medium is the message. Eventually -and thereby even going against Marshall McLuhan's famous dictum, we discover that what we refer to as 'man' may well be the extension of technologies and communication media, rather than the other way around.		
Course Schedule	Session 1: bibliographic management Session 2: more research within the browser window Session 3: the science of search Session 4: collaborative work and reproducible research (1) Session 5: collaborative work and reproducible research (2) Session 6: collaborative work and reproducible research (3) Session 7: organizing knowledge and classification systems Session 8: about OpenAccess Session 9: sustainable writing -publishing - preservation Session 10: licensing your work Session 11: data and data visualization Session 12: big data & social network analysis Session 13: encryption - anonymity - safety - whistleblowing (1) Session 14: encryption - anonymity - safety - whistleblowing (2) Session 15: where do we go from here?		
Homework	From session 2 onwards, small student groups may be assigned to introduce topics to be discussed. This may include both historical matter and/or their contemporary implications. Students are expected to: - participate in the course as a whole: doing the essential reading for each week's topic, and coming prepared to question and intervene. - provide written and oral comments; - research, write, present, and defend your argument and choice of topic to be discussed. - When presenting, students should go beyond the narrow content of the reading to be presented; develop an argument as a coherent whole, e.g. by focusing on theoretical issues (e.g. the relationship between (political) power and violence, methodological ones (for instance the nature of the relationship between 'ideas' and the material/technological/… contexts in which they are shaped), and... - ...most importantly, to **bring their laptops into class**!		
Grading System	s this course (just as my other courses) does not believe in the usefulness of final grades, the evaluation will be based on: reading notes, class discussions (other means of evaluation may be discussed with the students), and so in. There is no paper to be written; instead, students are asked to make 'smart', elaborate and interactive presentations. They are responsible for putting the presented reading in context and act as 'moderator' for the follow-up discussion. Although all grading is characterized by an inherent opacity (if only for the simple reason that every presentation relates to different material and takes place in a different session), here are some simple rules: 1. students presenting on several occasions will receive a higher grade		

	2. students making elaborate presentations (including audiovisual material, links to primary sources etc.) will be rewarded for the extra effort 3. showing that you mastered the readings by partaking actively in the discussions is a plus. As this class is an example of problem-based learning and the 'flipped classroom', it strongly encourages and rewards participation; vice versa, it penalizes a passive or absent behavior. Concretely, **80 percent of your grade is based on class discussion; the remaining 20 percent is reserved for presentations.** Some basic rules: whereas attendance is considered crucial, merely being present in class is insufficient to pass. Active participation is prerequisite. Checking social media or constantly looking at your phone during class is discouraging and even disturbing for your peers, so should be avoided. This class demands a considerable degree of commitment; do not take this class if you are not motivated.
Textbooks / Reading List	
Websites	
Website of Laboratory	https://github.com/michaelschiltz/bit-by-bit/blob/master/README.md
Additional Information	**This class is, by default, an in-person class with assistance by Google Classroom. For the classroom code, see the ELMS system. However, if the Covid situation deteriorates, and in accordance with university policy, the format may change to an online class. Note, however, that Google classroom remains at all times in place for the submission of homework and the formulation of discussion points throughout the course.**

Course Name	**Society II (Readings)**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	3000	**Course Number**	027093
Instructor(s) (Institution)	SUSANNE Klien（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course provides an introduction to different aspects of contemporary Japanese society.		
Course Goals	Students will be able to critically assess different facets of contemporary Japanese society by reading a variety of academic texts. Participants of this class will be expected to participate actively in discussions throughout the course as well as engage in group work with other students from various cultural backgrounds. For each session, 1-2 students will chair the discussion of the session text (provide input at the beginning and moderate the discussion with all students). Depending on the number of students, each participant will chair 1-2 times throughout the course. Close to native/proficient English language skills are required to keep up with the reading materials that students need to read before every session.		
Course Schedule	Intro session Session One: 'Japaneseness' Session Two: Cuisine and identity Session Three: Work Session Four: Work life balance Session Five: Religion Session Six: Rural depopulation Session Seven: Roundtable: What makes a good academic text Session Eight: Mobility Session Nine: Tourism Session Ten: Lecture/film session Session Eleven: Education Session Twelve: Death Session Thirteen: Neoliberalism Session Fourteen: Post-familial lifestyles Session 15: Final discussion and Wrap-up Note that the content of sessions may be subject to change.		
Homework	All readings and other information on the course (exams, grading, optional material) will be uploaded online (Google Classroom). Details of access will be provided in the intro session and on ELMS.		
Grading System	Active participation and discussion questions 30% Chair 30% Final discussion and roundtable 40%		
Textbooks / Reading List			
Websites	Detailed information will be provided in the first session.		
Website of Laboratory	Detailed information will be provided in the first session.		
Additional Information	A strong command (native or near native) of English is required to take this course. Please note that the course schedule is subject to change. Check ELMS for details about link and access to materials.		

Course Name	**Introduction to Japanese Studies II (Culture)**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027094
Instructor(s) (Institution)	SUSANNE Klien（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course examines current issues in modern Japanese culture with a focus on sociocultural anthropology.		
Course Goals	Students will be expected to read seminal works on Japanese culture in advance of each class and engage in discussions with peers from across the world. The class will be highly interactive.		
Course Schedule	1 Introduction [explanation of the course, definition of culture, position of Japanese studies, distribute reading of Stevens “Anthropology of Modern Japan”] 2 Entrepreneurship, gender, culture [reading Traphagan, “Entrepreneurs in rural Japan: gender, blockage, and the pursuit of existential meaning] 3 Body, dress and culture [reading Goldstein-Gidoni, Chapter 10 Companion] 4 Consumption and gender [Reading: Christensen “Real Men don’t hold their Liquor”] 5 Gender, work and self in Japan [Reading: Kato “True Self, True Work”] 6 Nature and Japanese culture [Reading: Martinez, Chapter 12 Companion] 7 Multiple-choice quiz plus mini-fieldwork on campus on given theme 8 Well-being, toilets and culture [Reading Szczygiel “The Material Culture of Japanese Toilets” 9 Well-being, material culture and rituals [Reading: Daniels: Scooping, raking, beckoning luck: luck, agency and the interdependence of people and things in Japan] 10 Concepts and culture: Mimesis, ‘kata’, ‘wa’ [Reading Bender “Of Roots and Race”] 11 Reading week 12 Food, consumption and convenience [Reading Whitelaw “Shelf lives and the labors of loss”] 13 Death and culture [Reading Kim: Necrosociality: isolated death and unclaimed cremains in Japan] 14 Tradition and national identity [Reading Surak, “From selling tea to selling Japaneseness”] 15 Interactive visual session 16 End of term exam		
Homework	Students will be expected to critically read texts in advance of every session. Students will receive detailed information and the password to access materials for the course in the introductory session and on ELMS. Note that course readings are subject to change.		
Grading System	Interactive visual session, multiple-choice quiz 20% Presentation 20% Final exam 40% Class participation 20%		
Textbooks / Reading List			
Websites			
Website of Laboratory	Detailed information will be provided in the first session and on ELMS.		
Additional Information	IMPORTANT: This course requires advanced English language skills (native or close to native level) as extended readings will be discussed in all sessions and the course is highly interactive.		

Course Name	**Rural Japan**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	3000	**Course Number**	027095
Instructor(s) (Institution)	SUSANNE Klien（大学院メディア・コミュニケーション研究院）		
Course Objectives	This is an introductory course to rural society in Japan with a focus on anthropological perspectives.		
Course Goals	The main objective is to develop an understanding of rural societies and their sociocultural and economic contextualization.		
Course Schedule	Introduction: What is the rural? Week 2: Images of the rural Week 3: The rural and national identity Week 4: Rural and gender Week 5: Rural and aging Week 6: Social relations in rural Japan Week 7: Consuming the rural Week 8: Interactive visual session Week 9: Generational change in rural Japan Week 10: Depopulation in rural areas: Carrying on local traditions Week 11: Depopulation in rural areas: Strategies of revitalization Week 12: Translocal linkages in rural Japan: Urban migrants Week 13: Translocal linkages in rural Japan: Foreign wives Week 14: Entrepreneurship in rural Japan Week 15: Doing fieldwork in rural Japan, wrap up		
Homework	Students will be expected to read one or two texts related to the theme of every session in advance so that we can engage in critical discussion in class.		
Grading System	Group work, presentations, class participation 50% Writing (reflection papers) and quizzes 25% Interactive visual session 25%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Information on the readings and access to the teaching materials will be given in the first session. Note that a strong command (native or near native) of English is required to take this course. Students will have to read 1-2 texts in advance of each session and engage in regular interactive group work and discussions in class. The final schedule may be subject to change. Check for updates on ELMS.		

Course Name	**Introduction to Design Thinking**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027073
Instructor(s) (Institution)	SUZUKI Hisao（大学院理学研究院）		
Course Objectives	We are now living in a society called Society 5.0, which emphasizes the ability to create new value based on creativity. This is also an important factor to become a researcher in the future. Design Thinking is not for design but it is a systematic approach for creative thinking, which is essentially important for your future research. You will learn how design thinking works for finding problems and finding solutions.		
Course Goals	Students will be able to 1. describe design thinking. 2.apply design thinking in life. 3. describe the various approach to design thinking. 4. describe the mindset of design thinking. 5. explain the concept of empathy.		
Course Schedule	You will experience the design thinking through various activities in this course. The details will be announced in each class.		
Homework	Group activities outside classes will be required.		
Grading System	You will be evaluated not by your knowledge level but by your performance. Because of the group activities, the participation of the class is extremely important. (You cannot skip the classes more than three times.)		
Textbooks / Reading List			
Websites			
Website of Laboratory	https://www.sci.hokudai.ac.jp/grp/hep/web/suzuki_e.html		
Additional Information	Face-to-face classes are the basis of the program. In a snowstorm, the class will be switched to a remote class.		

Course Name	**Sustainability Studies beyond Hollywood Film (2024)**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	4000	**Course Number**	027057
Instructor(s) (Institution)	SENAHA Eijun（大学院文学研究院）		
Course Objectives	The emphasis of this course is placed on achievement of comprehension skills to understand global issues raised in UNDESD (United Nations Decade of Education for Sustainable Development) and SDGs (Sustainable Development Goals) and its application to the real world.		
Course Goals	These skills will enable you to intellectually participate in the issues that involve our world. English is the only language used in this class, so non-native speakers of English need to be ready for this language prerequisite.		
Course Schedule	After we analyze a Hollywood film (TBA), we will be divided by teams based on the SD topic(s), study real world by doing a survey/research, meeting people, and visiting offices for better understanding of what is happening, so we can find solution(s) for the better world. Each team will have four presentations; proposal, film analysis, reality analysis, and suggestion/solution. Details will be announced in the first class meeting. Tentative Schedule: 1. Introduction: Course Policy and Schedule & “Sustainable Development” as well as the HU COE (Center for Open Education) video. Film: TBA 2. Film continued. 3. Film continued and discussion. 4. Team-making. “Proposal Format” distributed. 5. Presentations 1: Project Proposals and Planning (Name of the group, list of members, chosen SD topic, reason, methods, goal/hypothesis, etc.) 6. Project in Progress by Team and Q&A 7. Presentations 2: Film Analysis 8. Project in Progress by Team and Q&A 9. Project in Progress by Team and Q &A 10. Presentations 3: Reality Analysis 11. Project in Progress by Team and Q&A 12. Presentations 4: Solutions & Suggestions 13. Project in Progress by Team and Q&A 14. Final Presentations I: 15. Final Presentations II and Semester Review 16. Spare Day		
Homework	Read handouts for each class meeting and work on individual/group projects		
Grading System	Presentations 1-4: 40 % (10%x4) Final Presentation: 30 % Final PPT, including Product(s) if any (needs a letter of consent by those who collaborated projects) : 20 % Class Performance: 10 %		
Textbooks / Reading List			
Websites	https://ocw.hokudai.ac.jp/faculty/		
Website of Laboratory	http://senaha-hokudai.sakura.ne.jp/index.html		
Additional Information	HUSTEP/MJSP students are expected to register this under the same course title with the different system. Students who are to obtain teaching license need to register "欧米言語文化論.” Please visit HU OCW (http://ocw.hokudai.ac.jp/field/field05/english-and-american-literature-2015/) to experience what we do in the final presentations. English is the only language used in this course.		

Course Name	**Integrated Science I**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027106
Instructor(s) (Institution)	SUN,Yu（高等教育推進機構）		
Course Objectives	The objective of this course is to let any student, regardless of his and her major, to learn wide and rich scientific knowledge and to be a well-educated person. It is expected that students will establish scientific literacy on various natural phenomena and be able to deal with the scientific aspects of problems in public debate.		
Course Goals	The goal of this course are for student to 1. Not just have collections of knowledge but be able to explain facts and those scientific reasons. 2. Have numeracy and able to develop discussions based on quantitative estimation. 3. Study subjects properly and make reports in ethically correct manner.		
Course Schedule	Chapter 1 The nature of Science and the scientific method Chapter 2 The ordered universe and celestial and terrestrial mechanics Chapter 3 The nature of Energy Chapter 4 First and Second law of Thermodynamics Chapter 5 Atoms Chapter 6 Molecules Chapter 7 Magnetism and Electricity Chapter 8 The atmosphere of circles		
Homework	If the tutor gives an assignment, students are supposed to give presentations about it in the next class.		
Grading System	Mid-term exam 30%, attendance and activity (20%), and final exam (50%)		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information			

Course Name	**International Projects**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027075
Instructor(s) (Institution)	TAKANO Shinei（大学院工学研究院）		
Course Objectives	The students are to learn the significance of international project in civil engineering, the difference from domestic project and the expected internationalization of civil engineers through practical examples of international projects for planning, design, construction and conservation of infrastructures as well as internationalization of standards, education and research in civil engineering.		
Course Goals	1. Understand the significance of international projects in civil engineering. 2. Understand the difference between international and domestic projects. 3. Understand the necessary international characteristics for civil engineers.		
Course Schedule	Week 1) Infrastructure and International Project: Learn characteristics of international project in civil engineering and its role. Weeks 2 to 16) Planning, Design, Construction and Conservation of Infrastructures and Practical Examples: Learn characteristics of planning, design, construction and conservation of infrastructures, code drafting and education/research in international projects by comparing those in domestic projects.		
Homework	The students are suggested to learn by themselves using the handouts distributed at classes for one to two hours for each class. The students are also required to do in-class exercises for a short time and take-home exercises for a couple of hours in order to understand the course contents more precisely.		
Grading System	[Points for Evaluation] The evaluation is conducted in terms of all of three points shown in the above Course Goal. [Criteria for Evaluation] The full mark is 100%. The full mark will be given to the student who satisfies all of three points in the above Course Goal with very high level, while 60% is to the student who satisfies just the minimum requirement of all of the five points. [Method for Evaluation] The students will be given their overall grades based on the overall performances of exercises and reports provided by the instructors. The overall achievement classifications are as follows: 95 or more: A+, 94-90: A, 89-85: A-, 84-80: B+, 79-75: B, 74-70: B-, 69-65: C+, 64- 60: C. Grade A+ will be given to students whose rank is approximately in the top 5%. Students whose score is less than 60 are not awarded the credit.		
Textbooks / Reading List	The handout will be distributed in the class room by the instructors.		
Websites			
Website of Laboratory			
Additional Information	About five instructors share classes. The course is taught in English but the material is prepared in both English and Japanese. The course is registered for HUSTEP and International Exchange.		

Course Name	**Language Science in Manga, Anime and Beyond**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027088
Instructor(s) (Institution)	HARA Yurie（大学院メディア・コミュニケーション研究院）		
Course Objectives	In Japanese-oriented contemporary pop media such as manga, anime and video games, there appear various fascinating fictional characters. Those characters are formed and developed through different channels such as storylines, drawings/appearances, gestures/moves, sounds/voices and languages. Various issues arise when these media are translated into another language due to their cultural and language differences. For instance, a samurai (Japanese old-style soldier) character in the North-American version of Final Fantasy VI mimics the old-fashioned image of samurai by using the archaic second person pronoun "thou" instead of "you": Do simmer down, sirs! And thou, o wild one… Who might thou be? During the course, students are exposed to cross-cultural (i.e., Japanese and non-Japanese) data found in contemporary pop media, and conduct their own projects pertaining to the issues surrounding culture and language. Students will share the joy of discoveries in how various features collectively form innovative and attractive characters.		
Course Goals	-Discover how cultural features in fiction portray social roles such as gender, age, social class, social power, ethnic identity, etc. -Identify key concepts/issues within culture and language in contemporary pop media such as comics, animation and video games. -Apply the concept of cultural/social roles in fiction to our everyday, non-fictional life. -Examine the innovative formations of fictional characters from different disciplinary angles and evaluate cross-cultural/cross-linguistic studies. -Develop critical skills to analyse data and academic skills of presentation and writing.		
Course Schedule	Week 1-3: Introduction, Visual Narratives of Manga Week 4-7: Sounds and Voices of Virtual Characters Week 8: Midterm Quiz Week 9-11: Role Language in Manga and Anime Week 12-14: Student Presentation Week 15: Review and Final Exam		
Homework	Students will be expected to positively engage in preparation for and review of lesson material. In addition to a general explanation regarding preparations for the course to be given at the beginning of the semester, instructors will be providing specific instructions at appropriate times throughout the semester regarding preparation for individual classes. Students will additionally be expected to proactively establish their own goals and learning plans and to autonomously engage therein. If students do not prepare adequately, they may fail to master the content and consequently there is a possibility that they be unable to gain credit for the course. It is therefore heartily recommended that students earnestly and systematically engage in preparation for classes.		
Grading System	Preparation, Participation, In-class exercises: 20%; Group Presentation: 20%; Group Assignments: 10% Midterm Quiz: 25%; Final Exam: 25%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Students with English language proficiency at or above advanced-intermediate level (TOEFL-ITP score <500) may register for this course.		

Course Name	**Science and Technology in History**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027107
Instructor(s) (Institution)	BEIER Marcel Pascal（高等教育推進機構）		
Course Objectives	We live in a technology-driven world. You wake up in your climatized room, consume food from fertilized fields, use motorized vehicles and chat with people around the world. Where did it all start, and in which context different technologies were developed? Come in and find out ...		
Course Goals	Understand the - technology/science in a historical context - social demand that drives technological (scientific) advancement - difference between science and pseudoscience		
Course Schedule	The course will cover mainly the technological/ scientific development in different time periods. Furthermore, the conceptual framework of modern science will be explained. Classes include for example: - What is science? - The dark ages - The industrial revolution - The death of classical physics - The green revolution - Science under attack (Pseudoscience, religion and ideology)		
Homework	Prepare for the exams.		
Grading System	Midterm exam 50% Final exam 50%		
Textbooks / Reading List	Science and Technology in World HistoryJames E. McClellan and Harold DornJohns Hophkins University Press20151421417758		
Websites			
Website of Laboratory	https://www.sci.hokudai.ac.jp/PlantSUGOIne_en/ https://www2.sci.hokudai.ac.jp/dept/bio/teacher/beier-marcel-pascal		
Additional Information			

Course Name	**Introduction to Marine Science**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027077
Instructor(s) (Institution)	BOWER John Richard（大学院水産科学研究院）		
Course Objectives	The world's ocean is critically important to the people of Japan both as a supply of food and for its role in regulating the climate. In this course, I will give a clear, current and comprehensive overview of the ocean focusing on different areas of study, including astronomy (天文学), biology (生物学), cephalopods (頭足類), chemistry (化学), ecology (生態学), fisheries (漁業), geology (地質学), history (史学), marine resources (海洋資源), meteorology (気象学), and oceanography (海洋学). My goal is to create a learning environment where students tackle questions they are interested in, think critically, and learn to reason from evidence. Student involvement will be important. You will not be asked to listen and remember facts. Rather you will be expected to analyze, understand, and evaluate evidence and conclusions. Students will be encouraged to provide regular input on how they are experiencing the course throughout the semester.		
Course Goals	In this course, you will explore some of the exciting research now being done on the world's ocean. By the end of the course, you should be able to recognize how the ocean influences your daily life, communicate about the ocean in a meaningful way, and make informed and responsible decisions regarding the ocean and its resources. Students completing the course should be able to demonstrate the following competencies: ・A development of the conceptual basis needed to understand how the ocean works, ・An understanding and appreciation of the ocean's role in human societies, and ・An ability to communicate clearly in written reports and an oral presentation.		
Course Schedule	1. An ocean world (海の世界) 2. Earth structure and plate tectonics (地球構造とプレートテクトニクス) 3. Continental margins and ocean basins (大陸縁辺部と海盆) 4. Sediment (堆積物) 5. Water and ocean structure (海水と海洋構造) 6. Ocean chemistry (海洋化学) 7. Circulation of the atmosphere (大気の循環) 8. Circulation of the ocean (海洋循環) 9. Waves and tides (波と潮) 10. Life in the ocean (海の生活) 11. Plankton, algae and plants (プランクトン、海藻、および植物) 12. Food security and fisheries (食料安全保障と漁業) 13. Climate change (気候変動) 14. Introduction to the cephalopods (頭足類入門) 15. Oral presentations (発表会)		
Homework	The course will involve lectures and small-group discussions in the classroom, as well as investigating topics and writing four reports outside of class. Students will also get experience preparing and giving an oral presentation in English.		
Grading System	To evaluate your progress in reaching the course goals (and to provide you with feedback on your learning), I will use the following: 1) Four written reports (報告書), 20% each of final grade 2) One oral presentation (発表), 10% of final grade 3) Attendance Final grades will be determined using the following scale: 95-100%, A+; 90-94%, A, 85-89%, A-; 80-84%, B+; 75-79%, B; 70-74%, B-; 65-69%, C+; 60-64%, C; 50-59%, D; 0-49%, D-;評価なし, F		
Textbooks / Reading List			

Websites	
Website of Laboratory	
Additional Information	Much of the information presented in the lectures will come from “Oceanography: An Invitation to Marine Science” (Brooks Cole, 9th ed.) by Tom S. Garrison. Students are not required to purchase this textbook. Plagiarism is taking credit for someone else's work whether deliberately or unintentionally. Students who, for whatever reason, plagiarize any part of their report will receive a zero for the assignment. International students are welcome to enroll in the course, but should understand that most students in the course will be Japanese undergraduate students, so the lectures will be aimed at students with intermediate levels of English ability.

Course Name	**History of Geology**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027072
Instructor(s) (Institution)	Marie PYTHON（大学院理学研究院）		
Course Objectives	This course provides an introduction to new research fields in the Earth and Planetary Science.		
Course Goals	The attainment objective of this course is to learn how to find important research subjects in Earth and Planetary Science and to discuss how to solve such problems. In addition, students are expected to learn the effective and impressive presentation with a PC projector, proposing their own idea and inducing new ideas in class.		
Course Schedule	1. Each group determines a subject to be solved in Earth and planetary science. 2. Each group considers and finds an approach to solve the problem. 3. Each group gives a presentation, all students in class discuss it. 4. Submission of reports are planned as necessary.		
Homework	Only learning in class; though some homework might be needed depending on the situation.		
Grading System	Grading will be done based on contribution to the research work and group discussion, presentation, participation in the class discussion and report.		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information			

Course Name	**Contemporary Japanese Society**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	3000	**Course Number**	027104
Instructor(s) (Institution)	Peter FIRKOLA（高等教育推進機構）		
Course Objectives	This course examines current issues in modern Japanese society. This course will focus on a wide variety of topics including aging society, working women, and work-related issues.		
Course Goals	The goal of this course is to provide students with insight into current trends in order to better understand modern Japanese society.		
Course Schedule	Week 1 Introduction Week 2 Overview Week 3 Geographic Variations Week 4 Aging Society I Week 5 Aging Society II Week 6 Working Women I Week 7 Working Women II Week 8 Media Presentations Week 9 Work and Employment Week 10 Guest Lecture: Work Issues Week 11 Field Trip: Factory Tour (tentative) Week 12 Presentations Week 14 Presentations Week 15 Wrap Up: Future Trends in Japanese Society		
Homework	A reading assignment of 20-30 pages will be given each week (1-2 hours).		
Grading System	The evaluation will be based on class attendance and participation, a presentation, and a final report. Detailed information will be provided on the first day of class.		
Textbooks / Reading List	Sugimoto, Y. (2014). An Introduction to Japanese Society (4th ed.) Cambridge U. Press.		
Websites			
Website of Laboratory			
Additional Information			

Course Name	**Space Utilization Engineering**		
Semester, Year	Fall quarter	**Number of Credits**	2 Credits
Course level	5000	**Course Number**	027074
Instructor(s) (Institution)	FUJITA Osamu（大学院工学研究院）		
Course Objectives	Students study the recent advancement or the latest technologies of the field of space utilization, fundamentals of physical and chemical processes in microgravity, and technical knowledge required for microgravity experiments. Finishing up this course will deliver the overview of space utilization engineering as well as fundamentals to find the effective way to utilize space environment, especially micro-gravity environment. Students also learn the process of project proposal for space utilization.		
Course Goals	1.Students who take this course can explain features of space environment, method of micro-gravity experiments and latest status of space utilization. 2.They can list up some examples of physical/chemical processes relating to micro-gravity and explain the processes correctly. 3.They can list up some optical methods often used in micro-gravity experiments and explain the principle of the methods. 4.They experience the project proposal on micro-gravity research.		
Course Schedule	1.Introduction (1 time) General description of space utilization 2.Fundamentals of space utilization (2 time) General features of space, Micro-gravity facilities 3.Micro-gravity Science (6 times) Transport phenomena relating gravity, Combustion, Status of the latest micro-gravity science and technology, others including lecture by other researchers 4.Technical issues for designing micro-gravity experiments (1 times) 5.Instrumentation for micro-gravity experiments(3 times) Fundamentals of optics, Interferometry, Others 6.Project proposal (2 times) Proposal and discussion.		
Homework	Students need no preparation for every class, but they need under-graduate level background of machine dynamics, thermodynamics, and fluid dynamics Preparation and review should be done in the time allotted by the engineering school's regulations, respectively. Students will be given assignments often during the course and requested to submit project proposal at the end of the course.		
Grading System	20%: small test at the end of every class 40%: assignments (several assignments are requested during the term) 40%: final exam Class participation more than 60% is required.		
Textbooks / Reading List	There is no one text that adequately responds to the goals and topics of this class. Instead, handouts will be distributed in the class, and references are indicated during lectures if necessary.		
Websites			
Website of Laboratory	http://lsu-eng-hokudai.main.jp/		
Additional Information			

Course Name	**Introduction to Japanese Studies I (History)**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	3000	**Course Number**	027099
Instructor(s) (Institution)	BULL JONATHAN EDWARD（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course is an introduction to the history of Japan from the middle of the 19th century to the end of the Cold War (c.1990). The course will examine what 'becoming modern' meant for a cast of characters including the elite bureaucrat, the local politician, the mid-level office worker and the tenant farmer. We will examine political, economic, social and cultural changes, primarily by reading the work of various historians writing in English. In addition to the above historical content, the course will also introduce you to some of the methods historians have used to analyse Japanese history such as Marxism, modernization theory and 'People's History'. Finally, there will be frequent opportunities to learn historians' core skills of analysing academic history and constructing an argument.		
Course Goals	1) To analyse Japanese history from approximately 1850 to the end of the Cold War in the 1990s. 2) To evaluate secondary sources (books and articles by professional historians) by writing summaries and critiques. 3) To create an end-of-term presentation paper in response to an important historical question. 4) To collaborate with your peers.		
Course Schedule	Week 1 - Introduction Week 2 - Designing the nation Week 3 - Disputing the state Week 4 - Boosting industry Week 5 - Constructing empire Week 6 - Reaching the end of Meiji Week 7 - Life in modern times Week 8 - Democracy in Taishō Japan? Week 9 - Shōwa Japan as a fascist state? Week 10 - Japan fights a Total War Week 11 - The beginnings of the Cold War World Week 12 - Japan as a miracle economy? Week 13 - Transforming society Week 14 - Settling the political Week 15 - Japan's place in the world		
Homework	Each week's class will require you to read approximately 30 to 40 pages (in English) and to prepare a homework assignment. Further details will be provided at the start of term.		
Grading System	Participation (classwork tasks) = 30% Participation (reflection comment) = 30% In-class presentation = 20% End of term paper = 20%		
Textbooks / Reading List	A modern history of Japan: From Tokugawa times to the present / Andrew Gordon : Oxford University Press, 2019 You do not have to buy this textbook but obtaining a copy is highly recommended.		
Websites			
Website of Laboratory			
Additional Information	NOTE: Information in this online syllabus is subject to change once I know who is taking the class. A full syllabus will be provided at the start of term.		

Course Name	**Field Bioscience in the Northern Biosphere**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027078
Instructor(s) (Institution)	HOSHINO Yoichiro（北方生物圏フィールド科学センター（農場））		
Course Objectives	To understand the field sciences on ecosystem conservation, sustainable bioproduction, biodiversity, and material cycling in a wide variety of fields including forest, farm, and aquatic environments, and to learn the most advanced field science in each research field.		
Course Goals	To understand both comfortable lives of human due to the rapid progress of scientific technology and serious problems of the global environment, to learn the new subject of field science to solve the problems of bioproduction against global ecosystem conservation, and then to profit for a better understanding of human activity in harmony with natural environments in the global ecosystem.		
Course Schedule	Introduction of Field Bioscience in the Northern Biosphere (Y. Hoshino) Small fruit production and utilization of wild genetic resources Utilization of plant genetic resources： Filed tour (Y. Hoshino) Utilization of cover crops for sustainable crop production (T. Hirata) Life on Snow and Ice (J. Uetake) Carbon cycle in northern forests (K. Takagi) Endangered plant conservation in botanic gardens (K. Nakamura) Taxonomy, morphology and phylogeny of Angiosperm (T. Azuma) Potential of Grass-fed cattle and Application of Epigenetics in Beef Production (T. Gotoh) An introduction to phycology (C. Nagasato) Creation of kelp forest and resource management of kelp (N. Yotsukura) Fish migration (S. Hagihara) Visualization of Marin bioresources (K. Minami) An introduction to cephalopods (J. Yamamoto) An Introduction to biologing (K. Miyashita) Potential of IoT and Space Technology Application in Beef Production (T. Gotoh)		
Homework	Preferable to carry out preparations and reviews of each lecture using appropriate books and lecture materials.		
Grading System	Attendance rate must be over 60%. Each lecturer evaluated the reports. The evaluation is based on the participation in class (50%), and reports (50%).		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	The lectures may be provided by the online system. The procedures of the lectures will be decided by the number of students and the status of BCP level.		

Course Name	**Language & Culture Through Film**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027087
Instructor(s) (Institution)	Spicer PAUL（大学院メディア・コミュニケーション研究院）		
Course Objectives	Introduction to Film Language and Culture is designed specifically for students who have had little, or no previous encounters with Film Studies. Upon successful completion of this course, students should be able to; ・visually analyse and decode texts ・display an understanding of the various roles that film plays in different social, cultural, and national contexts ・understand the importance of visual and aural metaphor ・display an awareness of gender roles and their deployment in garnering both empathetic and sympathetic responses from an audience ・develop an appreciation of how a combination of industrial, commercial, and artistic factors work together to shape cinema ・apply relevant film theories to highlight and articulate ideas		
Course Goals	1 ：Students can understand the basic requirements for textual analysis 2 ：Students are able to analyse images at an intermediate level 3 ：Students are familiar with analytical terms and their application 4 ：Students are aware of the relationship between cinema and society		
Course Schedule	Class #1: Introduction to Language and Culture through Film This initial lecture will be delivered in two sections: The first will serve as an introduction to studying film and culture at university. Student expectations and course outlines will be covered. This lecture will also explain the assessment criteria and the expectations and standards that need to be adhered to. In the second half of the lecture, we will discuss how we can 'read' a film and examine some techniques that filmmakers use to convey their message. Finally, we will analyse a key scene from the film Psycho (Hitchcock, 1960). Preparation for class 2: Read the syllabus. Read the given reading. Download and watch a video on 'Camera Techniques' **This video should be watched and studied throughout the course. All students should be able to easily identify all of the techniques shown in the video** Review: in-class notes Class #2: Terminology and Film Language This lecture will focus on academic writing and researching for film. The session will also introduce students to key theories and terminology which are necessary when writing about, presenting, and discussing film. We will also examine different cinematic techniques – Camera Angles – Editing (Montage and One-Scene-One-Shot), and how, and for what purpose, they are deployed. Preparation for class 3: Given reading. Review: In-class notes Class #3: Mise en Scène Mise en scène is the collective term, derived from the French (theatre), for the contents of the film frame and their arrangement. This would include lighting, costume, set design, and the actors themselves. This week's lecture examines each of the key constituents of mise en scène with reference to a range of film examples. But we should remember that we are considering not simply the contents of the frame, but also how those elements are arranged and given meaning. Photography, editing, sound, and music will also determine these aspects. Preparation for class 4: Given reading. Review: In-class notes Class #4: Film Style: Lighting and Soundscape When watching a film, we are often drawn to the visual elements of a scene - the costumes, the setting, and the characters; what we often tend to forget is the crucial role that both lighting and sound can have on the emotional elements of cinema. This lecture will examine both lighting and sound and explore how they are used to complement the visual effect of cinema. We will highlight some key figures in both arts, including two of Steven Spielberg's regular		

collaborators, cinematographer Janusz Kaminski, and composer John Williams.
Preparation for class 5: Given reading.
Review: In-class notes
Class #5: Genre Theory
In this class, we will ask the question 'what is genre'? Exploring genre theory in depth, we will go on to examine how the genre can both help and hinder our own analysis. Film writers, makers and financiers have a mutual dependence upon stable objects of study and stable products. This explains the importance of genre to film studies. For the film industry, genres help to predict audience demand. For audiences, generic understandings are central to the enjoyment of films. In this lecture we will examine what is genre, what makes a genre, and how can we use our theoretical knowledge to differentiate between the genres?
Preparation for class 6: Given reading.
Review: In-class notes

Class #6: Film Authorship
In 1954, French film critic Francois Truffaut wrote an essay entitled Une Certaine Tendance du Cinema Francais. In this work, he argued that through film, a director can express his beliefs, world view and his passions (personal/social/political/sexual). These ideas were later to be known as 'the auteur theory'. The worth of this theory has been questioned by many, but it is particularly useful as a starting point for the interpretation of film. Auteur theory suggests that a director can use the commercial apparatus of filmmaking in the same way that a writer uses a pen, or a painter uses paint and a paintbrush. In this lecture, we will examine Truffaut's ideas, and discuss the advantages, and disadvantages of approaching film in such a way.
Preparation for class 7: Given reading.
Review: In-class notes

Class #7: Approaches to Film Analysis (Pt.1)
Over the next two lectures, we will explore the methods that we can use to analyse films. Several key theories will be introduced. In this, the first of two lectures on the subject, we will look at the first of our three key theories, semiotics, and explore how we can use this to assist us in our reading of a text.
Preparation for class 8: Given reading.
Review: In-class notes

Class #8: Approaches to Film Analysis (Pt.2)
This lecture continues our exploration of how to approach the analysis of film. In class 7, we explored the importance of semiotic theory, in this lecture we continue with our study by looking at two further approaches, structuralism, and contextualism. Several key film clips will be shown which will help to illuminate these theoretical approaches.
Preparation for Week 9 test: Instructions will be given in class:
Review: In-class notes

Class #9: Textual Analysis Test (Assessment #1)
In this class, students will be asked to use the theoretical knowledge they have thus far acquired, to analyse a 3-5-minute film clip. Each clip will be shown multiple times, and the students must take notes of key elements of each scene. Students must then write an analysis of the clip shown. The deadline for this task is one week from the assessment. Students can either e-mail me their finished analysis (before Class #10) or hand in a hard copy of their work during the week 10 class.

Class #10: Case Study #1 (Theme TBC). Lecture: In this class, we will put what we have learned thus far to the test by exploring a specific theme/theory.

Class #11: Case Study #1. Screening TBC: This week, students will put their analytical skills to the test, and watch a film which relates to the previous week's lecture.

Class #12: Case Study #2 (Theme TBC). Lecture: In this class, we will put what we have learned thus far to the test by exploring a specific theme/theory.

Class #13: Case Study #2. Screening TBC: This week, students will put their analytical skills to the test, and watch a film which relates to the previous week's lecture.

Class #14: Classical Film Narrative: Structure and Subversion - Lecture
The primary objective of the Classical Narrative Mode is to be easily understood by a cinema audience. Therefore, the films that are created in this Mode can be referred to as 'easy to watch', films that do not require the audience to 'fill in gaps' or 'think too much about the plot'. When we study film narrative, we are examining the story. Film practitioners use techniques that give us the necessary information to allow us to understand what is happening, why, where, and when. As a viewer, we need to examine the structure, the events that advance the narrative, and the events that cause the characters to act or react in certain ways. In addition, we also need to be aware of key information (visual or verbal), which gives us clues as to the mindset of the characters, their position in the world, and their actions and motivation. Whether it is a horror film or a romantic comedy, there is a generic pattern (or Mode), to cinematic storytelling which adheres to several rules. However, some film directors challenge this Classical Narrative Mode, encouraging audiences to fully engage

	to make sense of their work. Filmmakers such as Michael Haneke, David Lynch, Chan-wook Park, and Christopher Nolan subvert the Classical Narrative Mode, and can leave audiences confused or struggling to understand what they are seeing and why? This lecture will first address what constitutes the classical narrative mode before going on to examine the methods that directors use to subvert it. Review: in-class notes Class #15: Classical Film Narrative: Structure and Subversion - Screening This week, students will put their analytical skills to the test, and watch a film which relates to the previous week's lecture. Preparation: Review course material and personal notes in preparation for the week 16 test Class #16: Final Test
Homework	Students will be expected to positively do preparation for and review of lesson material. Instructors will give a general explanation regarding preparations for the course at the beginning of the semester and will also provide specific instructions as appropriate throughout the semester regarding preparation for individual classes. Students will also be expected to proactively establish their own goals and learning plans and carry them out by themselves. If students do not prepare adequately, they may fail to master the content of the course and may be unable to gain credit. Students are therefore strongly recommended to earnestly and systematically engage in preparation for classes.
Grading System	Class Participation/Engagement - 30% (2% per class) Textual Analysis 500+ words - 30% Final Test 40%
Textbooks / Reading List	
Websites	
Website of Laboratory	
Additional Information	**PLEASE READ CAREFULLY** Students with English language proficiency at or above advanced-intermediate level (TOEFL-ITP score ＜ 500) may register for this course. Lecture topics are subject to change. Students will be notified in class if this is the case. It is the responsibility of any student who misses a class to catch up with the lecture's theme and to request any readings, and necessary viewings which were given during the lecture. Film Language & Culture relies heavily on film history and various film theories. Therefore, students must be thoroughly engaged with film and film culture. It is advised that if you are thinking about taking this class, then you attend the first class as the information contained therein is extremely important. Any student who is sleeping/using a phone/not engaging with the subject will be penalised through their attendance and class participation score.

Course Name	**General Biology II**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027071
Instructor(s) (Institution)	Maria Helena Fortunato Martins（大学院理学研究院）		
Course Objectives	Biology I will help you to understand fundamental principles in “Cell biology”. In this course, you can learn about the commonality of living organisms by focusing on the structure and functions of cells, energy metabolism in cells, cell division, genetics, gene expression and controls.		
Course Goals	By the end of this course, you will be able to 1. Understand relationship between biomolecules and living organisms. 2. Understand chemical reactions in cells 3. Understand basic concepts of cell proliferation and genetics In order to understand the overall picture of biology, it is desirable to take Biology Ⅱ as well.		
Course Schedule	What is biology?: Understand the meaning of biology and the historical background. Structure and function of biomacromolecule: Understand structure and functions of proteins, nucleic acids, carbohydrates, lipids and others. Structure and functions of cells: Understand the structure and functions of intracellular organelles and related life activities. Energy metabolism and biosynthesis: Understand the metabolic processes and the control mechanisms. Cell growth and division: Understand regulations of cell cycle control and cell division. Genetics and gene expression controls: Understand molecular mechanisms under genetics, including regulation of gene expression.		
Homework	Four to five hours homework is desired as preparation/review of each class.		
Grading System	Grades will be based on the attendance status, report and exam. Evaluation is depending on the following points: 1. Whether you understand basic knowledge accurately or not. 2. Whether or not you understand the relevance of knowledge. 3. Whether you can investigate and explain the contents of lecture by yourself. 4. Whether you can actively participate in classes through discussions. Grades are based on relative evaluation, and "A +" will be within the upper 5% of the number of students.		
Textbooks / Reading List	キャンベル生物学　原書 11 版池内昌彦他（監訳）丸善出版 20184621302760 Campbell Biology (11th Edition)Urry, Cain, Wasserman, Minovrsky, Reece, CampbellPearson20160134093410		
Websites			
Website of Laboratory			
Additional Information			

Course Name	**Mind and Language**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027083
Instructor(s) (Institution)	MANSBRIDGE MICHAEL PATRICK（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course provides the basic understanding of the psychological processes of language use. As such, this course is an introduction to Psycholinguistics which is a field that studies which mental mechanisms control our language comprehension, production and acquisition. As such, it focuses on the psychological components that make up language.		
Course Goals	A) Understand current theories of human language use and how it relates to psychology B) Understand some current methodologies used to study language		
Course Schedule	The schedule is tentative and may change throughout the course Week 1: Introduction to the course Weeks 2-14: Topics and discussions related to psycholinguistics: Animal Communication; Language and Thought; Mental Lexicon; First Language Acquisition Week 15: Final Presentation		
Homework	Students will be expected to positively do preparation for and review of lesson material. Instructors will give a general explanation regarding preparations for the course at the beginning of the semester, and will also provide specific instructions as appropriate throughout the semester regarding preparation for individual classes. Students will also be expected to proactively establish their own goals and learning plans and to carry them out by themselves. If students do not prepare adequately, they may fail to master the content of the course and consequently there is a possibility that they be unable to gain credit. Students are therefore strongly recommended to earnestly and systematically engage in preparation for classes.		
Grading System	Participation (40%): Active participation during lectures and discussions Quizzes (20%): Throughout the semester, there will be quizzes to check students' knowledge of the lectures. Final Presentation(40%): A short presentation concerning the knowledge		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Lecturer prepares teaching materials		

Course Name	**Comparative international and Japanese media topics**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027084
Instructor(s) (Institution)	MANSBRIDGE MICHAEL PATRICK（大学院メディア・コミュニケーション研究院）		
Course Objectives	The aim of this course is discover insights into lesser known topics of Japan and also to deepen one's understanding of other nations by reviewing comparable media topics. Topics may include: Psycho Killers; Crazy Neighbors; Cannibalism; Child Independence; Animal Rights; Scams; Horrifying Monsters.		
Course Goals	A) Discuss and learn about lesser known topics of Japan B) Understand how other countries might differ from Japan through international comparison		
Course Schedule	Week 1: Introduction Weeks 2-13: Class discussions Week 14-15: Final Presentations		
Homework	Students will be expected to positively do preparation for and review of lesson material. Instructors will give a general explanation regarding preparations for the course at the beginning of the semester, and will also provide specific instructions as appropriate throughout the semester regarding preparation for individual classes. Students will also be expected to proactively establish their own goals and learning plans and to carry them out by themselves. If students do not prepare adequately, they may fail to master the content of the course and consequently there is a possibility that they be unable to gain credit. Students are therefore strongly recommended to earnestly and systematically engage in preparation for classes.		
Grading System	Participation: 50% Presentation: 50%		
Textbooks / Reading List	All materials for this course will be provided by the instructor		
Websites			
Website of Laboratory			
Additional Information			

Course Name	**Workshop on Intercultural Communication**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	2000	**Course Number**	027089
Instructor(s) (Institution)	YAMADA Etsuko（大学院メディア・コミュニケーション研究院）		
Course Objectives	This course aims to look in depth the multi-layered language issues in a globalizing world through two project works (one on interactions with locals and the other on language and culture). Collaborative group works between Japanese students and international students are the main activities of this course rather than academic lectures. Although the class activities are conducted in English, 'Yasashii Nihongo (plain Japanese)' is introduced as a topic and basic level Japanese language is used in some activities.		
Course Goals	-To raise awareness to various aspects of languages. -To develop collaborative and communicative skills with people from different backgrounds -To understand the development of the internationalization of a community as initiated by a local government in Japan		
Course Schedule	W1: Intercultural Communication W2: English as a Lingua Franca W3: Yasashii Nihongo (plain Japanese)) W4: Project 1 (1) W5: Project 1 (2) Nov. 2 (Saturday): Fieldwork in Bibai-city, Hokkaido (equivalent to three sessions, attendance is compulsory) W6: Post-fieldwork activity (Presentation 1) W7: Language and Culture 1 W8 Language and Culture 2 W9: Project 2 (1) W10: Project 2 (2) W11: Project 2 (3) W12: Presentation 2 Project 1 (preparation, essay 1, and presentation 1) As a fieldwork preparation, each group prepares a poster presentation to introduce some aspects of languages other than English/Japanese. Project 2 (essay 2, presentation 2) Each group focuses on linguacultual aspects (the relationship between language and culture) of languages and presents a comparative analysis. *The schedule is subject to change depending on conditions. **The cost for the fieldwork will be approximately 4,000 yen (1,500 yen x 2 (JR train + bus) + Lunch (max. 1,000 yen)		
Homework	Students are required to write reflection after each session.		
Grading System	Fieldwork preparation (10%), Essays (20 % x 2), Presentations (5% x 2), Reflection Journal (3% x 12), Extra Merits (4%) *Detailed assessment criteria will be provided in the course. **A re-take of assessment will be considered only when the reason is		

Textbooks / Reading List	
Websites	
Website of Laboratory	
Additional Information	- For non-native speakers of English, advanced-level English (TOEFL ITP 570/IELTS 6.5 or higher) is necessary for activities. - For international students (non-native speakers of Japanese), a lower-beginners level of Japanese language will be desirable for communication with Bibai locals and some activities, although not necessary. - Those wishing to enrol must attend the first session. If you are unable to attend it, please contact the instructor before the course starts.

Course Name	**Christianity in Japan**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027058
Instructor(s) (Institution)	LA FAY MICHELLE KAY（大学院文学研究院）		
Course Objectives	Students learn how Japanese in the Meiji and Taisho eras became Protestant Christians and gain an understanding of the concepts they developed and the challenges they faced. Students see these aspects through the writers' eyes. Students identify how and in what areas these Protestant Christians influenced Japanese society.		
Course Goals	1. Students read firsthand accounts of Meiji and Taisho Christians and gain general knowledge about their lives and thoughts. 2. Students discern patterns and commonalities in their experiences. 3. Students formulate ideas on how these thinkers integrated Christianity and Japanese culture/society/life.		
Course Schedule	Week 1: Let's get acquainted! Class expectations and outline Week 2: Introduction of Protestant Christianity Week 3: Protestant Christianity Grafted onto Bushido Week 4: Protestant Christianity in Hokkaido: Sapporo Band Week 5: St. Nikolai and the Russian Orthodox Church in Japan Week 6: Identity and Struggles of Japanese Protestants Week 7-14: Student group presentations/discussions: Students form groups, choose a topic related to Japanese Protestant Christianity, find reading material, formulate questions for discussion, facilitate the presentation and discussion. Topics include but are not limited to: education, equality for marginalized groups, pacifism, nationalism, art, music, Christianity in current Japan society Week 15: Wrap-up session and self-evaluation		
Homework	Students will be expected to actively participate in weekly discussion. Readings and presentation preparation will be done outside of class.		
Grading System	Group work/presentations: 75% Writing (reflection papers/self-assessments): 25%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Supplementary materials will be provided by the instructor.		

Course Name	**Hokkaido: Then and Now**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027059
Instructor(s) (Institution)	LA FAY MICHELLE KAY（大学院文学研究院）		
Course Objectives	This course provides students with a broad overview of Hokkaido in both the past (Meiji and Taisho eras) and today. Students will examine foreign and domestic factors that shaped the education and life-styles of students at Sapporo Agricultural College. Students will look at the change in Hokkaido over the years.		
Course Goals	1. Through firsthand accounts, students look at Hokkaido's history. 2. Students gain new viewpoints about life in Hokkaido during the Meiji and Taisho eras. 3. Students compare aspects of Hokkaido's history with similar aspects today.		
Course Schedule	Week 1 Let's get acquainted! Class outline and expectations. Week 2 Outside Influence on Hokkaido and at Sapporo Agricultural College (SAC) and people of SAC Week 3 Introduction to the Botanic Garden and the Hokkaido University Museum Week 4 & 5 Individual student presentations about the Botanic Garden and the Hokkaido University Museum Week 6-11 Short student group presentations/discussions: Students will form groups and choose a topic. Presentations must include both "then and now" elements. Possible topics include but are not limited to Ainu, nature/environment, wildlife, weather, agriculture, fisheries, transportation, tourism, food culture, architecture/urban planning. Week 12 & 13 Final projects Week 14 The Future of Hokkaido: What do you see? Week 15 Wrap-up session and self-evaluation		
Homework	There will be discussions every week. Students will be expected to actively express their opinions in the discussion. Reading, research, and preparation for presentations will be done outside class.		
Grading System	Group projects/Presentations 100%		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Supplementary materials will be provided by the instructor.		

Course Name	**Video game design history**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027081
Instructor(s) (Institution)	ROBB NIGEL GODFREY IAN（大学院メディア・コミュニケーション研究院）		
Course Objectives	On this course, we will examine the design of video games in historical context, through a series of analyses of video games such as Spacewar!, Donkey Kong, early first-person shooters (e.g., Doom), Portal 2, Minecraft, and Animal Crossing: New Horizons.		
Course Goals	By the end of this course, students should be able to: 1. Engage in an academic discussion about video games in English 2. Critically evaluate the design of video games 3. Identify meaningful connections within the history of game design		
Course Schedule	This course will use face-to-face and online classes. Face-to-face classes: weeks 1, 2, 4, 6, 8, 10, 11, 14, 15 Online classes: weeks 3, 5, 7, 9, 12, 13 Online classes will be on-demand. Video conferencing software (e.g., Zoom) is not required. On-demand classes will be explained by the instructor at the start of the semester.		
Homework	Students will be expected to positively do preparation for and review of lesson material. Instructors will give a general explanation regarding preparations for the course at the beginning of the semester, and will also provide specific instructions as appropriate throughout the semester regarding preparation for individual classes. Students will also be expected to proactively establish their own goals and learning plans and to carry them out by themselves. If students do not prepare adequately,they may fail to master the content of the course and consequently there is a possibility that they be unable to gain credit. Students are therefore strongly recommended to earnestly and systematically engage in preparation for classes.		
Grading System	50% participation 50% presentation project More information about how the course is graded will be explained in the first class		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Students with English language proficiency at or above advanced-intermediate level (TOEFL-ITP score<500) may register for this course. Syllabus information may change.		

Course Name	**Video game design history**		
Semester, Year	2nd semester	**Number of Credits**	2 Credits
Course level	1000	**Course Number**	027086
Instructor(s) (Institution)	ROBB NIGEL GODFREY IAN（大学院メディア・コミュニケーション研究院）		
Course Objectives	On this course, we will examine the design of video games in historical context, through a series of analyses of video games such as Spacewar!, Donkey Kong, early first-person shooters (e.g., Doom), Portal 2, Minecraft, and Animal Crossing: New Horizons.		
Course Goals	By the end of this course, students should be able to: 1. Engage in an academic discussion about video games in English 2. Critically evaluate the design of video games 3. Identify meaningful connections within the history of game design		
Course Schedule	This course will use face-to-face and online classes. Face-to-face classes: weeks 1, 2, 4, 6, 8, 10, 11, 14, 15 Online classes: weeks 3, 5, 7, 9, 12, 13 Online classes will be on-demand. Video conferencing software (e.g., Zoom) is not required. On-demand classes will be explained by the instructor at the start of the semester.		
Homework	Students will be expected to positively do preparation for and review of lesson material. Instructors will give a general explanation regarding preparations for the course at the beginning of the semester, and will also provide specific instructions as appropriate throughout the semester regarding preparation for individual classes. Students will also be expected to proactively establish their own goals and learning plans and to carry them out by themselves. If students do not prepare adequately,they may fail to master the content of the course and consequently there is a possibility that they be unable to gain credit. Students are therefore strongly recommended to earnestly and systematically engage in preparation for classes.		
Grading System	50% participation 50% presentation project More information about how the course is graded will be explained in the first class		
Textbooks / Reading List			
Websites			
Website of Laboratory			
Additional Information	Students with English language proficiency at or above advanced-intermediate level (TOEFL-ITP score<500) may register for this course. Syllabus information may change.		