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英語で学ぶ全学共通科目

2019年度



Intensive Lectures

集中講義

英語で学ぶ全学共通科目

Feb. 19 (Wed) - Mar. 11 (Wed)

Understanding Demography Dynamics and Projection-E2



Samir KC
Shanghai University

The International Institute for Applied Systems Analysis (IIASA)

Objective: To Understand concepts and methods to study changes in population size and structures. And to analyze recent trends in population and develop alternative future scenarios for the future. Background: Understanding population dynamics and heterogeneity in and within a country provides important insights for explaining social and environmental changes. It also helps to identify vulnerable sections of the population that are affected most by these changes.

人文・社会科学科目群、法・政治・経済分野
対象学生：全学向け 対象学年：全回生
教室：吉田南総合館北棟共北 24 CALL 教室
(キャンパスマップ建物番号 86 番)
定員：25 名 (先着順)

Humanities and Social Sciences, Jurisprudence, Politics and Economics
Eligible students: All majors Grade allotted: All students
Classroom: Room 24 (CALL), North Wing, Yoshida-south Campus Academic Center Bldg. (Bldg. No. 86 of the campus map)
The full quota of this lecture: 25 students (first come first served basis)

開講日・曜時間		Course offered day/period														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2/19		2/20			3/4			3/6			3/11					
Wed		Thu			Wed			Fri			Wed					
3限	4限	5限	1限	2限	3限	3限	4限	5限	1限	2限	3限	1限	2限	3限		

Feb. 10 (Mon) - Mar. 26 (Thu)

Culture, Sustainability and Disaster Recovery-E2:

A Sociological, Architectural and Cultural Approach



John Robert Clammer
O. P. Jindal Global University

The contemporary world is beset with a range of natural and man-made disasters (or a mixture of the two). Although many approaches to disaster management are technical – focusing on such issues as water supply, food, engineering solutions, etc. underlying these are cultural and sociological factors, and psychological ones too. The course will explore such an approach by looking at issues such as family, gender, age and handicap and issues of family disruption; reviewing cultural responses to disaster through theatre, art, poetry and literature; analyzing appropriate architecture for post-disaster situations; exploring the role of aid and humanitarian assistance; looking at models of economic, ecological and social regeneration that are sustainable in the long term; discussing the interesting theoretical questions that arise when social and ecological breakdown occurs and will review the policy implications of a more sociological and cultural approach to disaster management than has previously been the case. The course will be comparative and interdisciplinary in nature and will examine a number of case studies of both natural disasters and post-conflict situations that have much in common with them.

人文・社会科学科目群、教育・心理・社会分野
対象学生：全学向け 対象学年：全回生
教室：吉田南構内国際高等教育院棟演習室 23
(キャンパスマップ建物番号 87 番)
定員：25 名 (先着順)

Humanities and Social Sciences, Pedagogy, Psychology and Sociology
Eligible students: All majors Grade allotted: All students
Classroom: Seminar Room 23, ILAS Bldg., Yoshida-south Campus (Bldg. No. 87 of the campus map)
The full quota of this lecture: 25 students (first come first served basis)

開講日・曜時間		Course offered day/period														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2/10		2/12	2/17	2/19	2/27	3/3	3/5	3/9	3/10	3/12	3/16	3/17	3/19	3/24	3/26	
Mon		Wed	Mon	Wed	Thu	Tue	Thu	Mon	Tue	Thu	Mon	Tue	Thu	Tue	Thu	
2限	2限	2限	2限	2限	2限	2限	2限	2限	2限	2限	2限	2限	2限	2限	2限	

Feb. 17 (Mon) - Feb. 21 (Fri)

Labor and Labor Law in Europe-E2



Wolfgang Mazal
University of Vienna

Course: The course will give insights in the organisation and conditions of labor in Europe and show how labor is regulated in European countries. The status of self-employed and employees and various forms of legally and economically dependency will be discussed; information about legal regulations to protect workers by regulation of working conditions, systems for collective bargaining and for workers-representation will be given.

Outline of Course: The lecture will provide an overview of the history of labor contract law and the history of systems of collective bargaining of labor conditions. Furthermore the lecture will explain the legal framework of national legislation (European Human Rights Charter, EC-Regulation) and show several legal regulations in European Countries in main fields of labor relations. We will not focus only on narrow legal issues, but also analyze principles of national and European legislation and their effects in a society.

人文・社会科学科目群、法・政治・経済分野
対象学生：全学向け 対象学年：主として 1・2 回生
教室：吉田南構内国際高等教育院棟演習室 24
(キャンパスマップ建物番号 87 番)
定員：60 名 (先着順)

Humanities and Social Sciences, Jurisprudence, Politics and Economics
Eligible students: All majors Grade allotted: Mainly 1st and 2nd year students
Classroom: Seminar room 24, ILAS Bldg., Yoshida-south campus (Bldg. No. 87 of the campus map)
The full quota of this lecture: 60 students (first come first served basis)

開講日・曜時間		Course offered day/period														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2/17		2/18			2/19			2/20			2/21					
Mon		Tue			Wed			Thu			Fri					
1限	2限	3限	1限	2限	3限	1限	2限	3限	1限	2限	3限	1限	2限	3限		

Feb. 28 (Fri) - Mar. 11 (Wed)

Anthropology and Education for a World Society-E2



Ruprecht Mattig
TU Dortmund University

Today's societies face major challenges such as maintaining liberal values and securing global peace. Since its rise in the 18th century, anthropology (the 'study of man') attempts to provide knowledge about the functioning and the possibilities of development of human beings for fostering a humanistic world society. This seminar will introduce students to basic anthropological considerations from both historical and systemic perspectives. We will take a look at the rise of anthropology in the 18th century in Europe (e.g., Rousseau, Humboldt) and trace different approaches of anthropological research that have developed since then. In this regard, the seminar will cover cultural anthropology (the Anglo-Saxon tradition), philosophical anthropology (the German tradition) and actual transnational attempts of developing a historic-cultural anthropology (thereby particularly emphasizing anthropological approaches in Japan).

人文・社会科学科目群、教育・心理・社会分野
対象学生：全学向け 対象学年：主として 1・2 回生
教室：吉田南総合館北棟共北 3D 演習室
(キャンパスマップ建物番号 86 番)
定員：30 名 (先着順)

Humanities and Social Sciences, Pedagogy, Psychology and Sociology
Eligible students: All majors Grade allotted: Mainly 1st and 2nd year students
Classroom: Seminar room 3D, Yoshida-south Campus Academic Center Bldg. (Bldg. No. 86 of the campus map)
The full quota of this lecture: 30 students (first come first served basis)

開講日・曜時間		Course offered day/period														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2/28		2/20			3/2			3/4			3/9			3/11		
Fri		Mon			Wed			Mon			Wed					
1限	2限	3限	1限	2限	3限	1限	2限	3限	1限	2限	3限	1限	2限	3限		

Feb. 27 (Thu) - Mar. 2 (Mon)

Lost in Translation-E2:

A course in film, philosophy, and education



Paul Standish
UCL Institute of Education

In the politics of a changing world, both rich dialogue between "old and new generations in the 21st century" and cross-cultural exploration are of crucial importance. These have an importance for education that extends from language education to moral and citizenship education, including pressing concerns with the environment, with the cosmopolitan, and with global competence. Moreover, education cannot be contained in terms of tidy divisions between adulthood, childhood, and youth: rather it is an endless process of human perfection, in the course of which adults and children alike learn continually what it is to be a grownup (Coveil 1979, p. 125). This involves crossing borders, in and out of school. In considering the conditions for such perfectionist aspirations, this course highlights the theme of translation. Through watching two films, Lost in Translation (2003, directed by Sofia Coppola) and Babel (2007, directed by Alejandro González Iñárritu), we shall explore the idea of philosophy as translation as an alternative way of thinking about understanding other cultures and of exploring educational implications.

人文・社会科学科目群、哲学・思想分野
対象学生：全学向け 対象学年：全回生
教室：吉田南総合館北棟共北 11 講義室
(キャンパスマップ建物番号 86 番)
定員：35 名 (先着順)

Humanities and Social Sciences, Philosophy
Eligible students: All majors Grade allotted: All students
Classroom: Lecture Room 11, North Wing, Yoshida-South Campus Academic Center Bldg. (Bldg. No. 86 of the campus map)
The full quota of this lecture: 35 students (first come first served basis)

開講日・曜時間		Course offered day/period														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2/27		2/28			3/2			3/2			3/2					
Thu		Fri			Mon			Mon			Mon					
1限	2限	3限	4限	5限	1限	2限	3限	4限	5限	1限	2限	3限	4限	5限		

申込について

申込期間：各講義とも初回授業日の 1 週間前の 17 時まで申込を受け付けます。申込をもって履修登録とします。

申込方法：件名を「集中講義申込」として、本文に学生番号、所属学部・研究科、回生、氏名および履修希望の科目名を明記し、apply@mail2.adm.kyoto-u.ac.jp ホームページで申し込んでください。「Understanding Demography Dynamics and Projection-E2」は上記期日までに全学共通科目学生窓口レポートを提出してください（詳細はシラバス参照）。

なお、日程が一部でも重複する集中講義を複数申し込み込むことはできません。

履修取消：受講を取り止める場合は、2 日目の授業日の当日中までに申込時と同じメールアドレス宛に申し出てください。

注意事項：1. 「Labor and Labor Law in Europe-E2」及び「Lost in Translation-E2: A course in film, philosophy, and education」は過年度に開講された集中講義と同一の科目です。2. 2020 年 3 月卒業予定者がこのポスターで案内している集中講義を履修した場合、成績報告が各学部の卒業判定までに間に合わないことがあります。3. 講義内容等の詳細はシラバスを確認してください。

How to apply

Application period: Application is accepted by 17:00 of the day one week prior to the first class date in each course. It is treated as the class registration.

Application procedure: Applicants are requested to send an email titled "Application for Intensive Lecture" to apply@mail2.adm.kyoto-u.ac.jp. In the email body please write your student ID number, faculty/graduate school, grade, name, and title of the course that you'd like to register. Students who would like to apply for "Understanding Demography Dynamics and Projection-E2" are requested to submit the report to the Liberal Arts and General Education Courses Student Desk. You cannot register for two or more intensive courses whose schedules overlap.

Class withdrawal: If you would like to withdraw from a course, please send an email to apply@mail2.adm.kyoto-u.ac.jp by the end of the second day of the course. After the deadline, it is not accepted.

Important note: 1. "Labor and Labor Law in Europe-E2" and "Lost in Translation-E2: A course in film, philosophy, and education" were provided also past academic years. 2. Graduating students in March, 2020 taking the intensive courses in this flyer should be aware that the score reports may not make the examination of graduation at each faculty. 3. Please check out the syllabus for more details of the courses.

Intensive Lectures

集 中 講 義

英語で学ぶ全学共通科目

Feb. 10 (Mon) - Mar. 26 (Thu)

Understanding Languages and Cultures-E2: Canada, Europe and Japan

Daniele Moore
Simon Fraser University



Using Canadian experience as a comparator, the course examines the relationship between language, nationality and cultural identity by examining aspects of these themes by contrasting Japan with other countries. Anchored in social science disciplines, including sociolinguistics, cultural studies, and cultural geography, you will gain a critical understanding of languages and cultures in Canada in an international context, as compared to other situations in Europe and Asia, and develop critical tools and language skills to understand the complexities of the main cultural forces that shape local and global identities and perspectives.

人文・社会科学科目群、芸術・文学・言語分野
対象学生：全学向け 対象学年：主として1 回生
教室：吉田南棟国際高等教育院棟演習室 21
(キャンパスマップ建物番号 87 番)
定員：60 名 (先着順)

Humanities and Social Sciences, Arts, Literature and Linguistics
Eligible students: All majors Grade allotted: Mainly 1st year students
Classroom: Seminar room 21, ILAS Bldg., Yoshida-south campus
(Bldg. No. 87 of the campus map)
The full quota of this lecture: 60 students (first come first served basis)

開講日・曜時間 Course offered day/period

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2/10	2/13	2/20	2/27	3/5	3/12	3/19	3/26							
Mon	Thu	Thu	Thu	Thu	Thu	Thu	Thu							
3限	4限	3限	4限	3限	4限	3限	4限							



Feb. 10 (Mon) - Feb. 21 (Fri)

An Introduction to Cultural Geography-E2: Theoretical and methodological aspects

Judit Arokay
Heidelberg University



The focus of the lecture is not a geographical but a cultural: as a starting point, we will have a look on traditional theories of climate and categorization of cultures (Johann Gottfried Herder, Watsuji Tetsuro) which were highly influential until the middle of the 20th century. As a second step, it will introduce the "spatial turn" in cultural theory that has challenged essentialist views on space as well as on culture (Henri Lefebvre, Pierre Bourdieu, Edward Soja). In the following, we will turn to the mapping of space in historical and transnational perspective with examples from the Western world and from China and Japan. We will try to develop a sensibility for the different functions of pictorial representation of space. (Umberto Eco, Unno Kazutaka) On the basis of this theoretical introduction, the course will proceed to examples of the cultural construction of space and concrete places in Japanese history and the present. Finally, some digital methods of mapping like GIS and some other applications shall be introduced.

人文・社会科学科目群、芸術・文学・言語分野
対象学生：文系向け 対象学年：主として1・2 回生
教室：吉田南棟国際高等教育院棟演習室 21
(キャンパスマップ建物番号 87 番)
定員：30 名 (先着順)

Humanities and Social Sciences, Arts, Literature and Linguistics
Eligible students: Humanities students Grade allotted: Mainly 1st and 2nd year students
Classroom: Seminar room 21, ILAS Bldg., Yoshida-south Campus
(Bldg. No. 87 of the campus map)
The full quota of this lecture: 30 students (first come first served basis)

開講日・曜時間 Course offered day/period

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2/10	2/12	2/13	2/14	2/17	2/18*	2/19	2/20	2/21						
Mon	Wed	Thu	Fri	Mon	Tue	Wed	Thu	Fri						
2限	1限	2限	1限	2限	1限	2限	1限	2限						



* Excursion from 8:45 to 13:00

Feb. 10 (Mon) - Mar. 3 (Tue)

Tourism and Culture-E2: Theories and Cases



Ploysri Porananond
Chiang Mai University



This course will cover:

- The relationship between tourism and culture, - the involvement of tourism in cultural heritage,
- the role of the World Heritage sites as tourist attractions, - the social and economic context of tourism to cultural heritage,
- positive and negative impacts of tourism on cultural heritage

Course Goals:

To enable students to have knowledge of the relationship between tourism and culture, how cultural heritage have been involved to tourism as tourist attractions, the important role of tourism in economic development, and the influences of tourism to the changes in cultural heritage, and case studies

人文・社会科学科目群、地域・文化分野
対象学生：文系向け 対象学年：全回生
教室：(2/21, 2/25, 2/26) 兼学部構内稲盛財団記念館小会議室 II
(キャンパスマップ建物番号 64 番)
(上記以外) 吉田南 1 号館 1 共 26 演習室
(キャンパスマップ建物番号 85 番)
定員：45 名 (先着順)

Humanities and Social Sciences, Regions and Cultures
Eligible students: Humanities students Grade allotted: All students
Classroom: (on Feb 21, 25 and 26) Small meeting room II, Inamori Center, Pharmaceutical Sciences Campus (Bldg. No. 64 of the campus map)
(Other than above) Seminar room 26, Yoshida-south Bldg., No. 1, (Bldg. No. 85 of the campus map)
The full quota of this lecture: 45 students (first come first served basis)

開講日・曜時間 Course offered day/period

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2/10	2/12	2/13	2/14	2/17	2/18	2/19	2/20	2/21	2/25	2/26	2/27	2/28	3/2	3/3
Mon	Wed	Thu	Fri	Mon	Tue	Wed	Thu	Fri	Tue	Wed	Thu	Fri	Mon	Tue
3限	3限	3限	3限	3限	3限	3限	3限	3限	3限	3限	3限	3限	3限	3限



Feb. 26 (Wed) - Mar. 13 (Fri)

Aspects of European Culture and Society-E2: Decolonization and European Integration: Decolonization and consequences within Europe

Thierry Di Costanzo
University of Strasbourg



Until now, studies on European integration have often focused on either the search for reconciliation between Germany and France, or on the consequences of the Cold War competition on the continent. However, these and other "From Greece to Peace" theories are not wholly sufficient to account for the transformation of the European Community into the European Union. Starting in Asia after the withdrawal of Japanese forces, decolonization of the French, Belgian, Dutch, British, Portuguese, Italian, German Empires is the major change occurring in Europe after WW2. The new freedom not only revolutionized large parts of the world but also resulted in radically altering the shape of European societies. Consequences of decolonization were felt in both high and low cultures, consumer society, religious practices, political parties' ideology in post-imperial Europe. Geographical and social mobility patterns were fundamentally changed by Europeans' "repatriates" and immigrants simultaneously making their way to the European continent after decolonization. The result was a Europe remodeled by renewed diversity. Recently, history and memory of Europe's imperial past have become extremely controversial issues. The recent "Brexit" shows that Europe cannot be divorced from some kind of regressive imperial pride—many "Brexiters" being nostalgic of Britain's imperial past. European astonishingly simultaneous decolonization/European integration is therefore a more complex process than generally considered, and still not fully resolved. This course will draw on recent scholarship to explain decolonization as a pioneering new field in EU studies and offer understanding of the European integration process in a singular way.

人文・社会科学科目群、歴史・文明分野
対象学生：文系向け 対象学年：全回生
教室：本部構内総合研究 2 号館 4 階 AA447
(キャンパスマップ建物番号 34 番)
定員：35 名 (先着順)

Humanities and Social Sciences, History and Civilization
Eligible students: Humanities students Grade allotted: All students
Classroom: Lecture Room AA447, Research Bldg No. 2, 4F, Main Campus
(Bldg. No. 34 of the campus map)
The full quota of this lecture: 35 students (first come first served basis)

開講日・曜時間 Course offered day/period

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2/26	2/28	3/2	3/4	3/6	3/9	3/11	3/13							
Wed	Fri	Mon	Wed	Fri	Mon	Wed	Fri							
2限	3限	2限	3限	2限	3限	2限	3限	2限	3限	2限	3限	2限	3限	2限



Mar. 2 (Mon) - Mar. 25 (Wed) Japanese Crafts at International Expositions-E2:

Between Tradition, Nostalgia and Modern National State - Japan and 19th Century International Expositions, focussing on modern export 'industries' (kōgei) and specific Kyōto issues

Sybille Girmond
University of Wuerzburg



The course will introduce Japan's participation in 19th and early 20th century International Expositions, with a special focus on the development of the so-called modern 'industries', crafts produced for display and export (metalwork, ceramics, textiles, cloisonné enamels), based on contemporary records and recent research. We will also discuss the National Industrial Exhibitions, but start looking at pre-Meiji exhibitions in order to analyze their impact on 'modern' designs for export.

人文・社会科学科目群、歴史・文明分野
対象学生：全学向け 対象学年：全回生
教室：吉田南棟国際高等教育院棟 21 演習室
(キャンパスマップ建物番号 87 番)
定員：40 名 (先着順)

Humanities and Social Sciences, History and Civilization
Eligible students: All majors Grade allotted: All students
Classroom: Seminar Room 21, ILAS Bldg., Yoshida-south Campus
(Bldg. No. 87 of the campus map)
The full quota of this lecture: 40 students (first come first served basis)

開講日・曜時間 Course offered day/period

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
3/2	3/3	3/4	3/5	3/6	3/9	3/10	3/11	3/12	3/13	3/16	3/17	3/18	3/19	3/25*	
Mon	Tue	Wed	Thu	Fri	Mon	Tue	Wed	Thu	Fri	Mon	Tue	Wed	Thu	Wed	
2限	2限	2限	2限	14:00~	2限	2限	2限	2限	2限	10:30~	2限	2限	2限	2限	3限

*Excursion from 14:00

*Excursion from 10:30

*feedback

申込について

申込期間：各講義とも初回授業日の 1 週間前の 17 時まで申込を受け付けます。申込をもって履修登録とします。

申込方法：件名を「集中講義申込」として、本文に学生番号、所属学部・研究科、回生、氏名および履修希望の科目名を明記し、apply@mail2.adm.kyoto-u.ac.jp ホームページから申し込みください。

なお、日程が一部でも重複する集中講義を複数申し込み込むことはできません。履修取消：受講を取り止める場合は、2 日目の授業日の当日中までに申込時と同じメールアドレス宛に申し出てください。

注意事項：1. 2020 年 3 月卒業予定者がこのポスターで案内している集中講義を履修した場合、成績報告が各学部の卒業判定までに間に合わないことがあります。2. 講義内容等の詳細はシラバスを確認してください。

How to apply

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Application procedure: Applicants are requested to send an email titled "Application for Intensive Lecture" to apply@mail2.adm.kyoto-u.ac.jp. In the email body please write your student ID number, faculty/graduate school, grade, name, and title of the course that you'd like to register. You cannot register for two or more intensive courses whose schedules overlap.

Class withdrawal: If you would like to withdraw from a course, please send an email to apply@mail2.adm.kyoto-u.ac.jp by the end of the second day of the course. After the deadline, it is not accepted.

Important note: 1. Graduating students in March, 2020 taking the intensive courses in this flyer should be aware that the score reports may not make the examination of graduation at each faculty. 2. Please check out the syllabus for more details of the courses.

Intensive Lectures 2019 in Winter

英語で学ぶ全学共通科目

Feb. 10 (Mon) - Feb. 20 (Thu)

Global Change-E2: Atmospheric Issues and problems

Matthew H. Hitchman
University of Wisconsin-Madison



This two-week course will explore the relationship between humans and their environment during this interesting time on our planet. This course is an invitation to consider the future trajectory of civilization, based on our knowledge of science and the nature of human beings. It develops physical ideas from first principles, but includes a high degree of synthesis and analysis. Topics will include biodiversity, paleoclimate, future climates, geoengineering, and human psychology. Learning outcomes will include increased knowledge of the physical processes governing our climate system and of current issues involving global change. It will develop advanced skills in critical reading, logical thinking, the use of evidence, and written and oral communication. We will have an interesting and fun exchange of culture and ideas.

自然科学科目群、地球科学分野

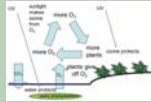
対象学生：全学向け 対象学年：全回生
教室：(2/12, 13) 北部構内理学研究科 1号館 563室、(上記以外) 理学研究科 1号館 264室 (キャンパスマップ建物番号 2番)
定員：25名 (先着順)

Natural Sciences, Earth Science

Eligible students: All majors Grade allotted: All students
Classroom: (Feb. 12 and 13) 563, Graduate School of Science Bldg., No. 1, North Campus, (Other than above) 264, Graduate School of Science Bldg., No. 1 (Bldg. No. 2 of the campus map)
The full quota of this lecture: 25 students (first come first served basis)

開講日・曜時間 Course offered day/period

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2/10		2/12		2/13		2/14		2/17		2/18		2/19		2/20
Mon		Wed		Thu		Fri		Mon		Tue		Wed		Thu
2限	3限	2限	3限	2限	3限	2限	3限	2限	3限	2限	3限	2限	3限	2限



Feb. 10 (Mon) - Mar. 5 (Thu)

Introduction to many-particle quantum mechanics-E2

Miguel A. Cazalilla
National Tsing Hua University



This is an introductory course to the Physics of quantum many-particle systems. Fundamental concepts and techniques such as Fock space, second quantization, field operators, operator equations of motion, and mean field theory will be introduced using simple models of increasing complexity.

自然科学科目群、物理学分野

対象学生：理系向け 対象学年：全回生
教室：北部構内理学研究科 5号館 413号室 (キャンパスマップ建物番号 21番)
定員：50名 (先着順)

Natural Sciences, Physics

Eligible students: Sciences students Grade allotted: All students
Classroom: 413, Graduate School of Science Bldg. No. 5, North Campus (Bldg. No. 21 of the campus map)
The full quota of this lecture: 50 students (first come first served basis)

開講日・曜時間 Course offered day/period

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2/10	2/12	2/13	2/14	2/17	2/18	2/19	2/20	2/21	2/27	2/28	3/2	3/3	3/4	3/5
Mon	Wed	Thu	Fri	Mon	Tue	Wed	Thu	Fri	Thu	Fri	Mon	Tue	Wed	Thu
4限	4限	4限	4限	4限	4限	4限	4限	4限	4限	4限	4限	4限	4限	4限

Feb. 10 (Mon) - Mar. 2 (Mon)

Metagenomics, the Human Microbiome, and Beyond-E2

Scott B. Mulrooney
Michigan State University



Course Description: A fundamental concept has revolutionized biology over the last few decades: We detect and study organisms in the environment and in medicine not by growing and observing in a lab, but by detecting their genes. This area of biology is known as metagenomics, and is mainly applied to the study of microbiology. Students will learn about the methods used in metagenomic studies in a non-technical manner, and then study some examples of recent discoveries, focusing on the Human Microbiome Project and then looking at other fascinating studies. We will learn that symbiosis with microorganisms is required for all animal and plant life. Most of the material will be presented in lectures, but students will also work in small groups that will analyze real metagenomic data!

自然科学科目群、生物学分野

対象学生：全学向け 対象学年：全回生
教室：(2/21, 25, 26) 医学部構内先端科学研究所小セミナー室 (キャンパスマップ建物番号 16番)
(上記以外) 吉田南総合館北棟3A 演習室 (キャンパスマップ建物番号 86番)
定員：60名 (先着順)

Natural Sciences, Biology

Eligible students: All majors Grade allotted: All students
Classroom: (Feb. 21, 25 and 26) Small Seminar room, Science Frontier Laboratory Bldg., Medicine Campus (Bldg. No. 16 of the campus map), (other than above) Seminar room 3A, North wing, Yoshida-south campus Academic Center Bldg. (Bldg. No. 86 of the campus map)
The full quota of this lecture: 60 students (first come first served basis)

開講日・曜時間 Course offered day/period

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2/10	2/12	2/13	2/14	2/17	2/18	2/19	2/20	2/21	2/25	2/26	2/27	2/28	3/2*		
Mon	Wed	Thu	Fri	Mon	Tue	Wed	Thu	Fri	Tue	Wed	Thu	Fri	Mon		
3限	3限	3限	3限	4限	3限	3限	3限	3限	3限	4限	3限	3限	3限	3限	3限

*Feedback

The source of background image: http://commons.wikimedia.org/wiki/File:Skin_Microbiome20169.300.jpg

Feb. 12 (Wed) - Feb. 21 (Fri)

Infectious Diseases and Public Health-E2

Richard Paul
Institut Pasteur



An introduction to the burden that infectious diseases have imposed and continue to place on our society. We will trace the evolution of our knowledge on infectious diseases from the discovery of microbes through to today and how we have and continue to fight against their public health impact.

自然科学科目群、生物学分野

対象学生：全学向け 対象学年：全回生
教室：病院西構内南館総合研究 1号館 1階セミナー室 3 (キャンパスマップ建物番号 31番)
定員：42名 (先着順)

Natural Sciences, Biology

Eligible students: All majors Grade allotted: All students
Classroom: Seminar Room 3, 1F, South Research Bldg. No. 1, University Hospital West Campus (Bldg. No. 31 of the campus map)
The full quota of this lecture: 42 students (first come first served basis)

開講日・曜時間 Course offered day/period

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	2/12		2/13		2/14		2/17		2/18		2/19		2/20		2/21
	Wed		Thu		Fri		Mon		Tue		Wed		Thu		Fri
	1限	2限	1限	2限	1限	2限	1限	2限	1限	2限	1限	2限	1限	2限	1限

Feb. 17 (Mon) - Feb. 21 (Fri)

Fundamentals of Computer Vision-E2

Xuefeng Liang
Xidian University



Visual sensing devices (cameras) have deeply engaged in our everyday life. They do not only record visual data for memories but also provide extra assistance, such as recognition, tracking, visual based robot localization, car navigation, etc. This course introduces fundamental concepts and techniques in image processing and computer vision, and reveals the secrets in a modern camera and its applications, e.g. the principle of a camera, diverse effects built in the camera, primary image processing techniques, face recognition, image understanding, etc.

情報科学科目群

対象学生：全学向け 対象学年：全回生
教室：東一条館 (思修館) 大講義室 201 (医学部構内キャンパスマップ建物番号 30番)
定員：30名 (先着順)



Informatics

Eligible students: All majors Grade allotted: All students
Classroom: Room 201, Higashi-Ichijo Kan (Bldg. No. 30 in the campus map of Medicine campus)
The full quota of this lecture: 30 students (first come first served basis)

開講日・曜時間 Course offered day/period

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
				2/17			2/18			2/19			2/20		2/21
				Mon			Tue			Wed			Thu		Fri
				2限			4限			2限			4限		2限

申込について

申込期間：各講義とも初回授業日の1週間前の17時まで申込を受け付けます。申込をもって履修登録とします。

申込方法：件名を「集中講義申込」として、本文に学生番号、所属学部・研究科、回生、氏名および履修希望の科目名を明記し、apply@mail2.adm.kyoto-u.ac.jpへメールで申し込んでください。なお、日程が一部でも重複する集中講義を複数申し込むことはできません。

履修取消：受講を取り止める場合は、2日目の授業日の当日中までに申込時と同じメールアドレス宛に申し出てください。

注意事項：1. 「Introduction to many-particle quantum mechanics-E2」及び「Infectious Diseases and Public Health-E2」は過年度に開講された集中講義と同一の科目です。また、「Fundamentals of Computer Vision-E2」は過年度に開講されていた「Fundamentals of Machine Vision-E2」の科目名変更です。2. 2020年3月卒業予定者がこのポスターで案内している集中講義を履修した場合、成績報告が各学部の卒業判定までに間に合わないことがあります。3. 講義内容等の詳細はシラバスを確認してください。

How to apply

Application period: Application is accepted by 17:00 of the day one week prior to the first class date in each course. It is treated as the class registration.

Application procedure: Applicants are requested to send an email titled "Application for Intensive Lecture" to apply@mail2.adm.kyoto-u.ac.jp. In the email body please write your student ID number, faculty/graduate school, grade, name, and title of the course that you'd like to register. You cannot register for two or more intensive courses whose schedules overlap.

Class withdrawal: If you would like to withdraw from a course, please send an email to apply@mail2.adm.kyoto-u.ac.jp by the end of the second day of the course. After the deadline, it is not accepted.

Important note: 1. "Introduction to many-particle quantum mechanics-E2" and "Infectious Diseases and Public Health-E2" were provided also past academic years. Also, "Fundamentals of Computer Vision-E2" is the title changed from "Fundamentals of Machine Vision-E2" provided past academic years. 2. Graduating students in March, 2020 taking the intensive courses in this flyer should be aware that the score reports may not make the examination of graduation at each faculty. 3. Please check out the syllabus for more details of the courses.