## Courses Taught in English (2020Academic Year) Spring and Summer Term [Postgraduate]

\*1 Enrollment of a student outside of the school/gtaduate school which offers the course A-Accpetable NA-Not Acceptable [Note]"Couse Affiliation" is not the school of your student ID.

| Curriculum<br>Code | Course Affiliation                                 | Course Name   | Type of courses | Credits | Instructor(s)                                 | Lecture Room  | Campus   | Semester          | Day | Period | <b>※</b> 1 | NOTE |
|--------------------|--|---|-----------------|---------|---|---|----------|-------------------|-----|--------|------------|------|
| 881101             | Center for International Education and Exchange    | Philosophical Thinking and Japanese Traditions                        | Lecture         | 2       | Norihide SUTO                                 | Lecture bldg. (Letter, Law and Econ) Rm11             | Toyonaka | Spring and Summer | Tue | 2      | A          |      |
| 881102             | Center for International Education and<br>Exchange | Seminar Course for Intercultural<br>Understanding                     | Lecture         | 2       | TSUTSUI Sayo,HATANO                           | School of Foreign Studies/A-Building Lecture Room 101 | Minoh    | Spring and Summer | Fri | 4      | A          |      |
| 881109             | Center for International Education and Exchange    | Introduction to Cultural<br>Anthropology                              | Lecture         | 2       | Mohacsi Gergely                               | CELAS Student Commons Room B                          | Toyonaka | Spring and Summer | Tue | 4      | A          |      |
| 881203             | Center for International Education and Exchange    | Gender Studies  | Lecture         | 2       | Paola Cavaliere                               | CELAS Student Commons Room B                          | Toyonaka | Spring and Summer | Tue | 3      | A          |      |
| 881250             |  | Introduction to Sociology of<br>Marriage and Family                   | Lecture         | 2       | Viktoriya Kim                                 | CELAS C315  | Toyonaka | Spring and Summer | Thu | 4      | A          |      |
|                    |  | Psychology of Perception and<br>Cognition                             | Lecture         | 2       | Kazunori Morikawa                             | School of Human Sciences, Room 34                     | Suita    | Spring and Summer | Wed | 3      | A          |      |
| 881259             |  | Seminar in Studies of Multicultural<br>Societies                      | Lecture         | 2       | Viktoriya Kim                                 | School of Human Sciences, Room 12                     | Suita    | Spring and Summer | Fri | 2      | A          |      |
| 881103             | Center for International Education and Exchange    | Topics in Japanese Law  | Lecture         | 2       | Elbalti Beligh                                | Lecture bldg. (Letter, Law and Econ) Rm22             | Toyonaka | Spring and Summer | Tue | 2      | A          |      |
| 881119             | Center for International Education and Exchange    | Topics in Comparative Law   | Lecture         | 2       | Elbalti Beligh                                | Lecture bldg. (Letter, Law and Econ) Rm22             | Toyonaka | Spring and Summer | Wed | 2      | A          |      |
| 881137             | Center for International Education and Exchange    | Seminar in Biology A  | Lecture         | 2       | Shingo TAKAGI                                 | Graduate School of Science, B308                      | Toyonaka | Spring and Summer | Thu | 3      | A          |      |
|                    | Center for International Education and<br>Exchange | Health Service and Medical Care in Japan                              | Lecture         | 2       | KATO Kazuto、<br>BABA Sachiko、<br>KOKADO Minor | IC HALL Room 6  | Suita    | Spring and Summer | Mon | 2      | A          |      |
| 881266             | Center for International Education and Exchange    | Introduction of Mechanical,<br>Materials and Manufacturing<br>Science | Lecture         | 2       | Hideki KOBAYASHI                              | Graduate School of Engineering, M1 bldg. Room 211     | Suita    | Spring and Summer | Mon | 5      | A          |      |
| 881145             | Center for International Education and Exchange    | Introduction to Chemistry World                                       | Lecture         | 2       | Ryo SHINTANI                                  | School of Engineering Science A304                    | Toyonaka | Spring and Summer | Tue | 3      | A          |      |
| 881110             | Center for International Education and<br>Exchange | Osaka in Modern Japanese<br>Literature                                | Lecture         | 2       | Andrew MURAKAMI-SMITH                         | CELAS Student Commons Room B                          | Toyonaka | Spring and Summer | Thu | 2      | A          |      |
| 881129             | Center for International Education and<br>Exchange | Introduction to Scientific English                                    | Lecture         | 2       | Sachi OKAMOTO                                 | Letters, Law and Economics Building/Room32            | Toyonaka | Spring and Summer | Thu | 2      | A          |      |
| 881114             |  | Second Language Learning with<br>Online Resources                     | Lecture         | 2       | Noriko UOSAKI                                 | Cybermedia Center/CALL Room1-B                        | Toyonaka | Spring and Summer | Tue | 4      | A          |      |

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| 881136             |  | Intercultural Communication and<br>Performance       | Lecture         | 2       | Ryoko NAKANO                       | IC-ROOM6                                | Suita    | Spring and Summer      | Mon       | 3         | A          |      |
| 881111             | Center for International Education and<br>Exchange | Japan: Society and Ideology                          | Lecture         | 2       | Sachihiko KONDO                    | CELAS-C204                              | Suita    | Spring and Summer      | Wed       | 4         | A          |      |
| 881131             | Center for International Education and<br>Exchange | Managing Innovation and Change                       | Lecture         | 2       | Yaeko MITSUMORI                    | SC Seminar Room D                       | Toyonaka | Spring and Summer      | Tue       | 4         | A          |      |
| 8811/13            |  | Internationalization of Higher<br>Education in Japan | Lecture         | 2       | Yukiko ISHIKURA                    | Interdisciplinary Research Bldg. Room 1 | Toyonaka | Spring and Summer      | Wed       | 3         | A          |      |
| 200109             | Graduate School of Letters                         | Ontology L.  | Lecture Subject | 2       | MALIK LUKE                         | Undecided                               | Toyonaka | Spring and Summer Term | Wed       | 4         | A          |      |
| 200520             | Graduate School of Letters                         | Ethics S.  | Lecture Subject | 2       | PECKITT MICHAEL GILLAN             | Undecided                               | Toyonaka | Spring and Summer Term | Fri       | 3         | A          |      |
| 201706             | Graduate School of Letters                         | Ancient History of Europe L.                         | Lecture Subject | 1       | Lene Rubinstein, KURIHARA<br>Asako | Undecided                               | Toyonaka | Summer                 | intensive | intensive | A          |      |
| 202903             | Graduate School of Letters                         | Study of English Literary Works S.                   | Lecture Subject | 4       | HARVEY,PAUL                        | Undecided                               | Toyonaka | Spring and Summer Term | Fri       | 1         | A          |      |
| 201548             | Graduate School of Letters                         | World History S.                                     | Lecture Subject | 2       | KROZEWSKI Gerold Michael           | Undecided                               | Toyonaka | Spring and Summer Term | Tue       | 4         | A          |      |
| 202901             | Graduate School of Letters                         | History of English Literature L.                     | Lecture Subject | 2       | HARVEY,PAUL                        | Undecided                               | Toyonaka | Spring and Summer Term | Thu       | 4         | A          |      |
| 205114             | Graduate School of Letters                         | Ontology S.L.  | Lecture Subject | 2       | MALIK LUKE                         | Undecided                               | Toyonaka | Spring and Summer Term | Wed       | 4         | A          |      |
| 206710             | Graduate School of Letters                         | Ancient History of Europe S.L.                       | Lecture Subject | 1       | Lene Rubinstein, KURIHARA<br>Asako | Undecided                               | Toyonaka | Summer                 | intensive | intensive | A          |      |
| 207910             |  | Study of English Literary Works<br>S.S.              | Lecture Subject | 4       | HARVEY,PAUL                        | Undecided                               | Toyonaka | Spring and Summer Term | Fri       | 1         | A          |      |
| 206534             | Graduate School of Letters                         | World History S.S.                                   | Lecture Subject | 2       | KROZEWSKI Gerold Michael           | Undecided                               | Toyonaka | Spring and Summer Term | Tue       | 4         | A          |      |
| 207903             | Graduate School of Letters                         | History of English Literature S.L.                   | Lecture Subject | 2       |                                    | Undecided                               | Toyonaka | Summer                 | Other     | 0         | A          |      |
| 207908             | Graduate School of Letters                         | History of English Literature S.L.                   | Lecture Subject | 2       | HARVEY,PAUL                        | Undecided                               | Toyonaka | Fall and Winter Term   | Thu       | 4         | A          |      |
| 220532             | Graduate School of Law                             | Seminar Work(Topics in Japanese<br>Law)              | Lecture         | 2       | Elbalti Beligh                     | /Room22                                 | Toyonaka | Spring and Summer Term | Tue       | 2         | A          |      |
| 220533             |  | Seminar Work (Topics in<br>Comparative Law)          | Lecture         | 2       | Elbalti Beligh                     | /Room22                                 | Toyonaka | Spring and Summer Term | Wed       | 2         | A          |      |

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| 230114             | Graduate School of Economics(Master<br>Program) | International Trade I  | Lecture Subject | 2       |                    | Graduate School of Law and Graduate School of Economics/Seminar Room2       | Toyonaka | Spring Term            | Mon<br>Tue | 1<br>3 | A          | Refer to a syllabus     Only for Master Students                          |
| 230115             | Graduate School of Economics(Master<br>Program) | International Trade II   | Seminar Subject | 2       | IKato Havato       | Graduate School of Law and Graduate School of Economics/Seminar Room2       | Toyonaka | Summer Term            | Mon<br>Tue | 1<br>3 | A          | <ul> <li>Refer to a syllabus</li> <li>Only for Master Students</li> </ul> |
| 230118             | Graduate School of Economics(Master<br>Program) | Development Economics I  | Seminar Subject | 2       |                    | Graduate School of Law / Economics / Research Building<br>Seminar Room 505  | Toyonaka | Spring and Summer Term | Tue        | 4      | A          | Refer to a syllabus     Only for Master Students                          |
| 230120             | Graduate School of Economics(Master<br>Program) | Labor Economics I  | Lecture Subject | 2       | ISASAKI Macarii    | Graduate School of Law / Economics / Research Building<br>Seminar Room 509  | Toyonaka | Spring and Summer Term | Wed        | 3      | A          | Refer to a syllabus     Only for Master Students                          |
| 230134             | Graduate School of Economics(Master<br>Program) | Global Business History I  | Seminar Subject | 2       | Pierre-Yves Llonze | Graduate School of Law / Economics / Research Building<br>Seminar Room B105 | Toyonaka | Spring and Summer Term | Mon        | 2      | A          | Refer to a syllabus     Only for Master Students                          |
| 231085             | Graduate School of Economics(Master<br>Program) | Special Lectures in Economics<br>(Game Theory 1 )                                | Lecture Subject | 2       | AOYAGI Masaki      | Institute of Social and Economic Research/ Room A409                        | Suita    | Spring and Summer Term | Tue        | 3      | A          | Refer to a syllabus     Only for Master Students                          |
| 231153             | Graduate School of Economics(Master<br>Program) | Special Lectures in Economics<br>(Topics in Corporate Finance)                   | Seminar Subject | 2       |                    | Graduate School of Law / Economics / Research Building<br>Seminar Room 505  | Toyonaka | Spring and Summer Term | Fri        | 4      | A          | Refer to a syllabus     Only for Master Students                          |
| 231158             | Graduate School of Economics(Master<br>Program) | Special Lectures in Economics<br>(Auction Theory)                                | Lecture Subject | 2       | SERIZAWA Shigehiro | Institute of Social and Economic Research/ Room A409                        | Suita    | Spring and Summer Term | Fri        | 4      | A          | Refer to a syllabus     Only for Master Students                          |
| 231191             | Graduate School of Economics(Master<br>Program) | Special Lectures in Economics<br>(International Trade I)                         | Lecture Subject | 2       | ZHU LIANMING       | Institute of Social and Economic Research/ Room B315                        | Suita    | Spring and Summer Term | Mon        | 4      | A          | Refer to a syllabus     Only for Master Students                          |
| 231195             | Graduate School of Economics(Master<br>Program) | Special Lectures in Economics<br>(Environmental Economics)                       | Seminar Subject | 2       | Klarizze Puzon     | Institute of Social and Economic Research/ Room A509                        | Suita    | Spring Term            | Tue        | 4<br>5 | A          | Refer to a syllabus     Only for Master Students                          |
| 231196             | Graduate School of Economics(Master<br>Program) | Special Lectures in Economics<br>(Natural Resources and<br>Development)          | Seminar Subject | 2       | Klarizze Puzon     | Institute of Social and Economic Research/ Room A509                        | Suita    | Summer Term            | Tue        | 4<br>5 | A          | <ul> <li>Refer to a syllabus</li> <li>Only for Master Students</li> </ul> |
| 231197             | Graduate School of Economics(Master<br>Program) | Special Lectures in Economics<br>(Emerging Market Business<br>Cycles)            | Lecture Subject | 2       | YOO DONGHOON       | Institute of Social and Economic Research/ Room A509                        | Suita    | Spring Term            | Wed        | 4<br>5 | A          | <ul> <li>Refer to a syllabus</li> <li>Only for Master Students</li> </ul> |
| 232014             | Graduate School of Economics(Master<br>Program) | Management of Innovation   | Lecture Subject | 2       |                    | Graduate School of Law and Graduate School of Economics/Seminar Room1       | Toyonaka | Spring and Summer Term | Wed        | 3      | A          | <ul> <li>Refer to a syllabus</li> <li>Only for Master Students</li> </ul> |
| 232218             | Graduate School of Economics(Master<br>Program) | Special Lectures in Business and<br>Management II (Econometric<br>Analysis I)    | Lecture Subject | 2       | Poignard Benjamin  | Letters, Law and Economics Building / Room32                                | Toyonaka | Spring and Summer Term | Tue        | 2      | A          | Refer to a syllabus     Only for Master Students                          |
| 232219             | Graduate School of Economics(Master<br>Program) | Special Lectures in Business and<br>Management II (Global Business<br>History I) | Seminar Subject | 2       |                    | Graduate School of Law / Economics / Research Building<br>Seminar Room B105 | Toyonaka | Spring and Summer Term | Mon        | 2      | A          | <ul> <li>Refer to a syllabus</li> <li>Only for Master Students</li> </ul> |
| 241452             | Graduate School of Science                      | Introductio to Radiation Detection<br>and Measurement 2                          | Lecture         | 1       | NOMACHI Masaharu   | Notified on the board   |          | Spring and Summer Term | Other      | 0      | A          |   |
| 241453             | Graduate School of Science                      | Synchrotron Radiation<br>Spectroscopy  | Lecture         | 2       | KIMURA Shin-ichi   | E 2 0 3   | Toyonaka | Spring and Summer Term | Fri        | 2      | A          |   |
| 240163             | Graduate School of Science                      | Introduction to Theoretical Nuclear<br>Physics                                   | Lecture         | 2       | HOSAKA Atsushi     | E 3 1 0   | Toyonaka | Spring and Summer Term | Wed        | 2      | A          |   |

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| 240184             | Graduate School of Science | Quantum Field Theory I                                   | Lecture         | 2       | HOSOTANI Yutaka     | E 3 0 4      | Toyonaka | Spring and Summer Term | Thu   | 3      | A          |                   |
| 240192             | Graduate School of Science | Quantum Many-Body Systems                                | Lecture         | 2       | OGAWA Tetsuo        | E 3 1 0      | Toyonaka | Spring and Summer Term | Tue   | 1      | A          |                   |
| 241319             | Graduate School of Science | Natural Product Chemistry (I)                            | Lecture         | 1       | FUKASE Kouichi      | D 3 0 1      | Toyonaka | Spring Term            | Tue   | 1      | NA         |                   |
| 241817             | Graduate School of Science | Thermal and Entropic Science (I)                         | Lecture         | 1       | NAKANO Motohiro     | B 3 0 8      | Toyonaka | Summer Term            | Fri   | 4      | NA         |                   |
| 241190             | Graduate School of Science | Organic Biochemistry (I)                                 | Lecture         | 1       | KAJIHARA Yasuhiro   | D 3 0 1      | Toyonaka | Summer Term            | Tue   | 1      | NA         |                   |
| 24P039             | Graduate School of Science | (IPC)High Energy Physics                                 | Lecture         | 2       | AOKI Masaharu       | E 2 0 1      | Toyonaka | Spring and Summer Term | Mon   | 2      | A          |                   |
| 24P032             | Graduate School of Science | (IPC) Introduction to Theoretical Nuclear Physics        | Lecture         | 2       | HOSAKA Atsushi      | E 3 1 0      | Toyonaka | Spring and Summer Term | Wed   | 2      | A          |                   |
| 24P031             | Graduate School of Science | (IPC) Nuclear Physics in the Universe                    | Lecture         | 2       | SHIMA Tatsushi      | B 3 0 7      | Toyonaka | Spring and Summer Term | Fri   | 4      | A          |                   |
| 24P033             | Graduate School of Science | (IPC) Quantum Field Theory I                             | Lecture         | 2       | HOSOTANI Yutaka     | E 3 O 4      | Toyonaka | Spring and Summer Term | Thu   | 3      | A          |                   |
| 24P028             | Graduate School of Science | (IPC)Quantum Many-Body<br>Systems                        | Lecture         | 2       | OGAWA Tetsuo        | E 3 1 0      | Toyonaka | Spring and Summer Term | Tue   | 1      | A          |                   |
| 24P035             | Graduate School of Science | (IPC) Synchrotron Radiation<br>Spectroscopy              | Lecture         | 2       | KIMURA Shin-ichi    | E 2 0 3      | Toyonaka | Spring and Summer Term | Fri   | 2      | A          |                   |
| 24S024             | Graduate School of Science | (SISC) Interactive Seminar(For Students Enrolled Fall)   | Seminar         | 1       | FUNAHASHI Yasuhiro  | others       | Toyonaka | Spring and Summer Term | Other | 0      | NA         |                   |
| 24S805             | Graduate School of Science | (SISC) Interactive Seminar(For Students Enrolled Spring) | Seminar         | 1       | FUNAHASHI Yasuhiro  | others       | Toyonaka | Spring and Summer Term | Other | 0      | NA         |                   |
| 24S049             | Graduate School of Science | (SISC)Natural Product<br>Chemistry                       | Lecture         | 1       | FUKASE Kouichi      | D301         | Toyonaka | Spring Term            | Tue   | 1      | NA         |                   |
| 24S043             | Graduate School of Science | (SISC) Organic Biochemistry                              | Lecture         | 1       | KAJIHARA Yasuhiro   | D301         | Toyonaka | Summer Term            | Tue   | 1      | NA         |                   |
| 24S075             | Graduate School of Science | (SISC)Thermal and Entropic<br>Science                    | Lecture         | 1       | NAKANO Motohiro     | B308         | Toyonaka | Summer Term            | Fri   | 4      | NA         |                   |
| 24S057             | Graduate School of Science | (SISC) Introductory Biology                              | Lecture         | 2       | TAK YON-SOO         | B 3 0 7      | Toyonaka | Spring and Summer Term | Wed   | 1      | A          | Up to 5 sutudents |
| 24S061             | Graduate School of Science | (SISC)Advanced Macromolecular<br>Science II              | Lecture         | 2       | TAKASHIMA Yoshinori | B 3 0 2      | Toyonaka | Spring and Summer Term | Mon   | 4      | NA         | Up to 3 sutudents |

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| 24P020             | Graduate School of Science     | (IPC) Topical Seminar II 「The structure of exotic nuclei」 | Lecture         | 1       | KIM Seok                         | Notified on the board   | Toyonaka | Spring and Summer Term | Other | 0      | A          |                     |
| 250586             | Graduate School of Medicine    | Advanced Medical Sciences I                               | Lecture         | 2       |                                  | The Center of Medical Innovation and Translational Research building 2F | Suita    | Spring and Summer Term | Other | 0      | A          |                     |
| 286141             | Graduate School of Engineering | Advanced Surface Physics                                  | Lecture         | 2       | Dino Wilson Agerico Tan          | Graduate School of Engineering/P1-212                                   | Suita    | Spring and Summer Term | Fri   | 2      | A          | 5 students or less  |
| 280488             | Graduate School of Engineering | Solid State Physics                                       | Lecture         | 2       | Dino Wilson Agerico Tan          | Graduate School of Engineering/P1-211                                   | Suita    | Spring and Summer Term | Fri   | 3      | A          | 5 students or less  |
| 280948             | Graduate School of Engineering | Seminar on Material and Manufactu                         | Seminar         | 2       | MATERIARUKAGAKUKOHS<br>UZENKYOIN |   | Suita    | Spring and Summer Term | Other | 0      | A          | 5 students or less  |
| 281336             | Graduate School of Engineering | Nanobiotechnology,Adv. B.                                 | Lecture         | 1       | NAGAI Takeharu                   | Graduate School of Engineering/C1-112                                   | Suita    | Summer Term            | Mon   | 1      | A          | 3 students or less  |
| 281335             | Graduate School of Engineering | Nanobiotechnology,Adv. A                                  | Lecture         | 1       | NAGAI Takeharu                   | Graduate School of Engineering/C1-112                                   | Suita    | SpringTerm             | Mon   | 1      | A          | 3 students or less  |
| 281345             | Graduate School of Engineering | Ultrasonic Engineering                                    | Lecture         | 2       | OGI Hirotsugu                    | Graduate School of Engineering/M1-214                                   | Suita    | Spring and Summer Term | Mon   | 2      | A          | 3 students or less  |
| 281352             | Graduate School of Engineering | High-Level Security PBL II                                | Lecture         | 1       | MIYAJI Atsuko                    |   | Suita    | Spring and Summer Term | Other | 0      | A          | 3 students or less  |
| 281213             | Graduate School of Engineering | Spatial Design  | Lecture         | 2       | KEIKAKUKEIZENKYOIN               | Graduate School of Engineering/AR-723                                   | Suita    | Spring and Summer Term | Tue   | 1      | A          | 20 students or less |
| 281189             | Graduate School of Engineering | Frontiers of Sustainability Science                       | Lecture         | 2       | HARA Keishiro                    |   | Suita    | Spring and Summer Term | Other | 0      | A          | 5 students or less  |
| 280769             | Graduate School of Engineering | Selected Topics in Quantum Physics                        | Lecture         | 2       | SATO Kazunori                    | Graduate School of Engineering/R1-211                                   | Suita    | Spring and Summer Term | Wed   | 2      | A          | 5 students or less  |
| 280461             | Graduate School of Engineering | Semiconductor Physics                                     | Lecture         | 2       | MORI Nobuya                      | Graduate School of Engineering/E6-112                                   | Suita    | Spring and Summer Term | Wed   | 1      | A          | 3 students or less  |
| 281164             | Graduate School of Engineering | Topics in Quantum Simulations                             | Lecture         | 2       | MORIKAWA Yoshitada               | Graduate School of Engineering/M1-213                                   | Suita    | Spring and Summer Term | Fri   | 1      | A          | 3 students or less  |
| 281338             | Graduate School of Engineering | Dynamic Cell Biology B                                    | Lecture         | 1       | SUGIYAMA Minetaka                | Graduate School of Engineering/C1-112                                   | Suita    | Summer Term            | Thu   | 1      | A          | 3 students or less  |
| 280980             | Graduate School of Engineering | ESP Biotechnology, B                                      | Lecture         | 1       | SEIBUTSUKOGAKUKOHSU<br>ZENKYOIN  |   | Suita    | Spring and Summer Term | Other | 0      | A          | 3 students or less  |
| 280022             | Graduate School of Engineering | Biotechnology, Adv.                                       | Lecture         | 2       | SEIBUTSUKOGAKUKOHSU<br>ZENKYOIN  |   | Suita    | Spring and Summer Term | Other | 0      | A          | 3 students or less  |
| 281210             | Graduate School of Engineering | Civil and Environmental Engineering                       | Lecture         | 2       | AOKI Shinichi                    | Graduate School of Engineering/S1-615                                   | Suita    | Spring and Summer Term | Mon   | 5      | A          | 5 students or less  |

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| 280108             | Graduate School of Engineering | Control of Mechanical System         | Lecture         | 2       | ISHIKAWA Masato                   | Graduate School of Engineering/M4-101 | Suita  | Spring and Summer Term | Thu   | 1      | A          | 5 students or less  |
| 281339             | Graduate School of Engineering | Cell Technology, Adv. A              | Lecture         | 1       | MURANAKA Toshiya                  | Graduate School of Engineering/C1-112 | Suita  | Spring Term            | Tue   | 3      | A          | 3 students or less  |
| 281340             | Graduate School of Engineering | Cell Technology, Adv. B              | Lecture         | 1       | MURANAKA Toshiya                  | Graduate School of Engineering/C1-112 | Suita  | Summer Term            | Tue   | 3      | A          | 3 students or less  |
| 280312             | Graduate School of Engineering | Biochemical Engineering, Adv.        | Lecture         | 2       | OMASA Takeshi                     | Graduate School of Engineering/C1-112 | Suita  | Spring and Summer Term | Wed   | 2      | A          | 3 students or less  |
| 281047             | Graduate School of Engineering | Nuclear Fuel and Materials           | Lecture         | 2       | OHISHI Yuji                       | Graduate School of Engineering/A1-111 | Suita  | Spring and Summer Term | Tue   | 2      | A          | 5 students or less  |
| 280792             | Graduate School of Engineering | Materials Evaluation for Manufacturi | Lecture         | 2       | OHATA Mitsuru                     | Graduate School of Engineering/R1-215 | Suita  | Summer Term            | Thu   | 1,2    | A          | 5 students or less  |
| 280367             | Graduate School of Engineering | Special Topics on Global Architectu  | Lecture         | 2       | CHIKYUSOGOKOGAKUSEN<br>KOZENKYOIN | Graduate School of Engineering/U2-311 | Suita  | Spring and Summer Term | Wed   | 3      | A          | 10 students or less |
| 281140             | Graduate School of Engineering | Advanced Ecological Engineering of   | Lecture         | 2       | MACHIMURA Takashi                 | Graduate School of Engineering/S1-513 | Suita  | Spring and Summer Term | Tue   | 2      | A          | 5 students or less  |
| 280844             | Graduate School of Engineering | Environmental management for sus     | Lecture         | 2       | TOKAI Akihiro                     | Graduate School of Engineering/M1-213 | Suita  | Spring and Summer Term | Tue   | 3      | A          | 5 students or less  |
| 281248             | Graduate School of Engineering | Advanced Environmental Engineerin    | Lecture         | 2       | TOKAI Akihiro                     | Graduate School of Engineering/M3-212 | Suita  | Spring and Summer Term | Other | 0      | A          | 5 students or less  |
| 281333             | Graduate School of Engineering | Microbiology, Adv. A                 | Lecture         | 1       | FUJIYAMA KAZUHITO                 | Graduate School of Engineering/C1-112 | Suita  | Spring Term            | Mon   | 3      | A          | 3 students or less  |
| 281334             | Graduate School of Engineering | Microbiology, Adv. B                 | Lecture         | 1       | FUJIYAMA KAZUHITO                 | Graduate School of Engineering/C1-112 | Suita  | Summer Term            | Mon   | 3      | A          | 3 students or less  |
| 286238             | Graduate School of Engineering | Nanometric Optical Sensing           | Lecture         | 2       | FUJITA Katsumasa                  | Graduate School of Engineering/P1-211 | Suita  | Spring and Summer Term | Tue   | 4      | A          | 5 students or less  |
| 281337             | Graduate School of Engineering | Dynamic Cell Biology A               | Lecture         | 1       | UCHIYAMA Susumu                   | Graduate School of Engineering/C1-112 | Suita  | Spring Term            | Thu   | 1      | A          | 3 students or less  |
| 281207             | Graduate School of Engineering | Safety Assessment Methodology of I   | Lecture         | 2       | UMEDA Naoya                       | Graduate School of Engineering/S1-412 | Suita  | Spring and Summer Term | Mon   | 4      | A          | 5 students or less  |
| 280344             | Graduate School of Engineering | Theory of Ship Waves                 | Lecture         | 2       | KASHIWAGI Masashi                 | Graduate School of Engineering/S1-311 | Suita  | Spring and Summer Term | Wed   | 4      | A          | 5 students or less  |
| 281045             | Graduate School of Engineering | Nuclear Reactor - Fusion Reactor En  | Lecture         | 2       |                                   | Graduate School of Engineering/A1-111 | Suita  | Spring and Summer Term | Wed   | 2      | A          | 5 students or less  |
| 281206             | Graduate School of Engineering | Offshore Platform Design             | Lecture         | 2       | IIJIMA Kazuhiro                   | Graduate School of Engineering/S1-311 | Suita  | Spring and Summer Term | Tue   | 2      | A          | 5 students or less  |

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|--------------------|--|---|-----------------|---------|-------------------------------------|---|----------|------------------------|-------|--------|------------|--------------------------------|
| 280797             | Graduate School of Engineering         | Plasma Engineering for Nano Techr   | Lecture         | 2       | HAMAGUCHI SATOSHI                   | Graduate School of Engineering/R1-215     | Suita    | Spring Term            | Fri   | 3,4    | A          | 5 students or less             |
| 281331             | Graduate School of Engineering         | Bioresource Engineering A   | Lecture         | 1       | FUKUSAKI Eiichiro                   | Graduate School of Engineering/C1-112     | Suita    | Spring Term            | Mon   | 2      | A          | 3 students or less             |
| 281332             | Graduate School of Engineering         | Bioresource Engineering B   | Lecture         | 1       | FUKUSAKI Eiichiro                   | Graduate School of Engineering/C1-112     | Suita    | Spring Term            | Mon   | 2      | A          | 3 students or less             |
| 280858             | Graduate School of Engineering         | Reactor Physics   | Lecture         | 2       | KITADA Takanori                     | Graduate School of Engineering/A1-117     | Suita    | Spring and Summer Term | Mon   | 2      | A          | 5 students or less             |
| 281049             | Graduate School of Engineering         | Energy System Design Engineering  | Lecture         | 2       | KITADA Takanori                     | Graduate School of Engineering/A1-111     | Suita    | Spring and Summer Term | Tue   | 4      | A          | 5 students or less             |
| 280704             | Graduate School of Engineering         | Molecular Microbiology  | Lecture         | 2       | KITANI SHIGERU                      | Graduate School of Engineering/C1-112     | Suita    | Spring and Summer Term | Thu   | 2      | A          | 3 students or less             |
| 280517             | Graduate School of Engineering         | Hydrodynamics   | Lecture         | 2       | SUZUKI Hiroyoshi                    | Graduate School of Engineering/S1-412     | Suita    | Spring and Summer Term | Mon   | 2      | A          | 5 students or less             |
| 290370             | Graduate School of Engineering Science | Solid State Spectroscopy  | Lecture         | 2       | Akira SEKIYAMA,<br>Takayuki KISS    | Σ / G215-221                              | Toyonaka | Spring and Summer Term | Mon   | 3      | *          | *Contact instructor in advance |
| 290762             | Graduate School of Engineering Science | Introduction to magnetism and spintronics                                 | Lecture         | 2       | Yoshishige SUZUKI,<br>Hikaru NOMURA | Σ / Α304                                  | Toyonaka | Spring and Summer Term | Wed   | 2      | A          |                                |
| 290630             | Graduate School of Engineering Science | Molecular Nanotechnology  | Lecture         | 2       | Hirokazu TADA,<br>Ryo YAMADA        | Σ / Α304                                  | Toyonaka | Spring and Summer Term | Wed   | 3      | A          |                                |
| 290433             | Graduate School of Engineering Science | Theoretical Materials Science   | Lecture         | 2       | Koichi KUSAKABE                     | Σ / Α403                                  | Toyonaka | Spring and Summer Term | Tue   | 4      | *          | *Contact instructor in advance |
| 290434             | Graduate School of Engineering Science | Photophysics of Nanoscale<br>Materials                                    | Lecture         | 2       | Masaaki ASHIDA,<br>Masaya NAGAI     | Σ / G509                                  | Toyonaka | Spring and Summer Term | Tue   | 2      | A          |                                |
| 290740             | Graduate School of Engineering Science | International Exchange Lecture on<br>Nanoscience and Nanoengineering<br>B | Lecture         |         | Seiji TAKEDA,<br>and others         | Interdisciplinary Research Bldg. 3F / 305 | Toyonaka | Summer Term            | Other | 0      | A          |                                |
| 290741             | Graduate School of Engineering Science | International Exchange Lecture on<br>Nanoscience and Nanoengineering<br>C | Lecture         |         | Seiji TAKEDA,<br>and others         | Interdisciplinary Research Bldg. 3F / 305 | Toyonaka | Summer Term            | Other | 0      | A          |                                |
| 29E637             | Graduate School of Engineering Science | Turbulence Dynamics   | Lecture         | 2       | Genta KAWAHARA                      | Σ / Β302                                  | Toyonaka | Spring and Summer Term | Wed   | 2      | *          | *Contact instructor in advance |
| 29E623             | Graduate School of Engineering Science | Advanced Theoretical Solid<br>Mechanics                                   | Lecture         | 2       | Shigenobu OGATA                     | Σ / Β204                                  | Toyonaka | Spring and Summer Term | Fri   | 4      | *          | *Contact instructor in advance |
| 29E765             | Graduate School of Engineering Science | Biomechanism  | Lecture         | 2       | Yo KOBAYASHI                        | Σ / Β204                                  | Toyonaka | Spring and Summer Term | Wed   | 4      | *          | *Contact instructor in advance |
| 29E775             | Graduate School of Engineering Science | Biomedical data science   | Lecture         | 2       | Ken KIYONO                          | Σ / Β201                                  | Toyonaka | Spring and Summer Term | Wed   | 3      | *          | *Contact instructor in advance |

| Curriculum<br>Code | Course Affiliation  | Course Name                            | Type of courses | Credits | Instructor(s)                                     | Lecture Room                                 | Campus   | Semester               | Day        | Period | <b>※</b> 1 | NOTE  |
|--------------------|---|--|-----------------|---------|---|--|----------|------------------------|------------|--------|------------|---|
| 290776             | Graduate School of Engineering Science                            | Biosystem Engineering                  | Lecture         | 2       | Yasuyuki SUZUKI                                   | Σ / Β202                                     | Toyonaka | Spring and Summer Term | Tue        | 3      | *          | Contact instructor in advance   |
| 29E292             | Graduate School of Engineering Science                            | Theory of Systems Analysis             | Lecture         | 2       | Ryouta SHIMOKURA                                  | Σ / E401                                     | Toyonaka | Spring and Summer Term | Fri        | 3      | *          | Contact instructor in advance   |
| 29E343             | Graduate School of Engineering Science                            | Imaging Systems                        | Lecture         | 2       | Kosuke SATO                                       | Σ / Β202                                     | Toyonaka | Spring and Summer Term | Wed        | 2      | A          |   |
| 29E646             | Graduate School of Engineering Science                            | Database Systems                       | Lecture         | 2       | Weiwei WAN  | Σ/Ε401                                       | Toyonaka | Spring and Summer Term | Wed        | 3      | *          | Contact instructor in advance   |
| 29E715             | Graduate School of Engineering Science                            | Communication Robot                    | Lecture         | 2       | Yuichiro YOSHIKAWA                                | Σ / E401                                     | Toyonaka | Spring and Summer Term | Thu        | 3      | *          | Contact instructor in advance   |
| 290826             | Graduate School of Engineering Science                            | Topics in Mathematical Statistics 1    | Lecture         | 1       | Fuyuhiko TANAKA,<br>Kengo KAMATANI, and<br>others | Σ / J617                                     | Toyonaka | SpringTerm             | Tue        | 1      | A          |   |
| 290827             | Graduate School of Engineering Science                            | Topics in Mathematical Statistics 2    | Lecture         | 1       | Fuyuhiko TANAKA,<br>Kengo KAMATANI, and<br>others | Σ / J617                                     | Toyonaka | Summer Term            | Tue        | 1      | A          |   |
| 290749             | Graduate School of Engineering Science                            | Data Science and Case Studies I        | Lecture         | 2       | Jongchan LEE                                      | Σ / Ι204                                     | Toyonaka | Spring and Summer Term | Wed        | 5      | A          |   |
| 290649             | Graduate School of Engineering Science                            | Nonlinear System Theory                | Lecture         | 2       | Toshimitsu USHIO<br>Takashi MATSUBARA             | Σ / Ε401                                     | Toyonaka | Spring and Summer Term | Mon        | 1      | *          | Basics of system control theory and differential equations are prerequisites                              |
| 29E007             | Graduate School of Engineering Science                            | Systems Optimization and Analysis      | Lecture         | 2       | Masahiro INUIGUCHI                                | Σ / Ε401                                     | Toyonaka | Spring and Summer Term | Tue        | 2      | *          | Contact instructor in advance   |
| 300289             | Graduate School of Language and Culture<br>(Language and Culture) | Language and Representation A          | seminar         | 2       | Andrew MURAKAMI-SM                                | Cybermedia Center(Toyonaka)CALL Seminar Room | Toyonaka | Spring and Summer Term | Fri        | 2      | A          | Contact instructor in advance   |
| 300355             | Graduate School of Language and Culture<br>(Language and Culture) | Applied Linguistics A                  | seminar         | 2       | LEE SHZH-CHEN NANCY                               | Seminar                                      | Toyonaka | Spring and Summer Term | Tue        | 2      | A          | Contact instructor in advance   |
| 300307             | Graduate School of Language and Culture<br>(Language and Culture) | Theoretical Linguistics A              | seminar         | 2       | MIYAMOTO Yoichi                                   | Seminar                                      | Toyonaka | Spring and Summer Term | Fri        | 3      | A          | A basic background in the generative tradition is presupposed.  |
| 300382             | Graduate School of Language and Culture<br>(Language and Culture) | Special Language Class A<br>(English)  | seminar         | 2       | MALIK LUKE  | Seminar                                      | Toyonaka | Spring and Summer Term | Tue        | 2      | A          | Contact instructor in advance   |
| 300279             | Graduate School of Language and Culture<br>(Language and Culture) | Education in Language and Culture<br>A | seminar         | 2       | HINO Nobuyuki                                     | Seminar                                      | Toyonaka | Spring and Summer Term | Fri        | 5      | A          | Contact instructor in advance   |
| 311557             | Osaka School of International Public Policy                       | Econometric Methods I                  | Lecture         | 2       | MATSUBAYASHI Tetsuya                              | undecided                                    | Toyonaka | Summer Term            | Tue<br>Thu | 3<br>2 | A          | <ul> <li>Must have taken a course on introductory statistics</li> <li>Only for Master Students</li> </ul> |
| 311355             | Osaka School of International Public Policy                       | Research Methods for IR Students       | Lecture         | 2       | KIKUTA Kyosuke                                    | undecided                                    | Toyonaka | Spring and Summer Term | Fri        | 1      | A          | Only for Master Students  |
| 311220             | Osaka School of International Public Policy                       | Lectures:Nationalism                   | Lecture         | 2       | KAWAMURA Michiya                                  | undecided                                    | Toyonaka | Spring and Summer Term | Wed        | 2      | A          | Only for Master Students  |

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|--------------------|---|--|-----------------|---------|-------------------|--------------|----------|------------------------|------------|-----------|------------|---|
| 311031             | Osaka School of International Public Policy | Lectures:International Public<br>Administration          | Lecture         | 2       | HASUO Ikuyo       | undecided    | Toyonaka | Spring and Summer Term | Wed        | 4         | A          | <ul> <li>On condition that the instructor judges that<br/>he/she can participate in the discussion.</li> <li>Only for Master Students</li> </ul>            |
| 311259             | Osaka School of International Public Policy | Lectures:African Politics and<br>Conflict                | Lecture         | 2       | Virgil HAWKINS    | undecided    | Toyonaka | Spring and Summer Term | Wed        | 2         | A          | Only for Master Students  |
| 311169             | Osaka School of International Public Policy | Seminar:American Foreign Policy                          | Seminar         | 2       | NAKAJIMA Hiroo    | undecided    | Toyonaka | Spring and Summer Term | Tue        | 3         | A          | <ul> <li>On condition that the instructor judges that<br/>he/she can participate in the discussion.</li> <li>Only for Master Students</li> </ul>            |
| 310412             | Osaka School of International Public Policy | Economic Development                                     | Lecture         | 2       | OTSUKI Tsunehiro  | undecided    | Toyonaka | Spring and Summer Term | Mon        | 3         | A          | Only for Master Students  |
| 310882             | Osaka School of International Public Policy | Lectures: Empirical Analyses on<br>Labor Economics       | Lecture         | 2       | KOHARA Miki       | undecided    | Toyonaka | Spring and Summer Term | Thu        | 1         | A          | Basic knowledge on Econometrics is necessary.   |
| 311567             | Osaka School of International Public Policy | International Economics I                                | Lecture         | 2       | ISHISE Hirokazu   | undecided    | Toyonaka | Spring and Summer Term | Tue        | 2         | A          | Prerequisite: Undergraduate introductory microeconomics   |
| 311562             | Osaka School of International Public Policy | Microeconomic Theory                                     | Lecture         | 2       | MUROOKA Takeshi   | undecided    | Toyonaka | Spring Term            | Tue<br>Thu | 3<br>2    | A          | Prerequisite: Microeconomic Analysis I (or other intermediate-level microeconomics course).   |
| 311627             | Osaka School of International Public Policy | Lectures:Poverty Measurement                             | Lecture         | 2       | TAKAMATSU Shinya  | undecided    | Toyonaka | Summer Term            | intensive  | intensive | A          | Only for Master Students  |
| 311616             | Osaka School of International Public Policy | Lectures:Topics on Economic<br>Growth and Comparative    | Lecture         | 2       | Nguyen Thang Dao  | undecided    | Toyonaka | Summer Term            | Tue<br>Fri | 4<br>4    | A          | Prerequisite: Basic knowledge of<br>microeconomics and macroeconomics, basic<br>mathematics (in particular optimization, dynamic<br>programming, calculus). |
| 311460             | Osaka School of International Public Policy | Seminar:Economics of Human<br>Resource Allocation        | Seminar         | 2       | TAKII Katsuya     | undecided    | Toyonaka | Spring and Summer Term | Mon        | 5         | A          | Only for Master Students<br>Every two weeks   |
| 311484             | Osaka School of International Public Policy | Lectures:Japan and the<br>International Politics of Asia | Lecture         | 2       | SATOH Haruko      | undecided    | Toyonaka | Spring and Summer Term | Thu        | 3         | A          | Only for Master Students<br>Every two weeks   |
| 311635             | Osaka School of International Public Policy | Lectures:Internatiional Affairs I                        | Lecture         | 1       | NAKAUCHI Masataka | undecided    | Toyonaka | Spring and Summer Term | Mon        | 2<br>3    | A          | Only for Master Students<br>Every two weeks   |
| 311428             | Osaka School of International Public Policy | Project Study:Global Governance I                        | Seminar         | 2       | SATOH Haruko      | undecided    | Toyonaka | Spring and Summer Term | Thu        | 5         | A          | Only for Master Students<br>Every two weeks   |
| 311188             | Osaka School of International Public Policy | Workshop:American Foreign<br>Policy                      | Lecture         | 2       | NAKAJIMA Hiroo    | undecided    | Toyonaka | Spring and Summer Term | Tue        | 3         | A          | <ul> <li>On condition that the instructor judges that<br/>he/she can participate in the discussion.</li> <li>Only for Doctor Students</li> </ul>            |
| 311229             | Osaka School of International Public Policy | Workshop: Nationalism                                    | Lecture         | 2       | KAWAMURA Michiya  | undecided    | Toyonaka | Spring and Summer Term | Wed        | 2         | A          | Only for Doctor Students  |
| 311032             | Osaka School of International Public Policy | Workshop:International Public<br>Administration          | Lecture         | 2       | HASUO Ikuyo       | undecided    | Toyonaka | Spring and Summer Term | Wed        | 4         | A          | <ul> <li>On condition that the instructor judges that<br/>he/she can participate in the discussion.</li> <li>Only for Doctor Students</li> </ul>            |
| 311272             | Osaka School of International Public Policy | Workshop: African Politics and<br>Conflict               | Lecture         | 2       | Virgil HAWKINS    | undecided    | Toyonaka | Spring and Summer Term | Wed        | 2         | A          | Only for Doctor Students  |
| 311357             | Osaka School of International Public Policy | Workshop:Research Methods for<br>IR Students             | Lecture         | 2       | KIKUTA Kyosuke    | undecided    | Toyonaka | Spring and Summer Term | Fri        | 1         | A          | Only for Doctor Students  |

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|--------------------|---|---|-----------------|---------|--|--|-----------|------------------------|------------|-----------|------------|--|
| 311575             | Osaka School of International Public Policy   | Workshop:Econometric Methods I  | Lecture         | 2       | MATSUBAYASHI Tetsuya   | undecided  | Toyonaka  | Summer Term            | Tue<br>Thu | 3<br>2    | A          | Must have taken a course on introductory statistics  |
| 310908             | Osaka School of International Public Policy   | Workshop: Empirical Analyses on<br>Labor Economics                            | Lecture         | 2       | KOHARA Miki  | undecided  | Toyonaka  | Spring and Summer Term | Thu        | 1         | A          | <ul> <li>Basic knowledge on Econometrics is<br/>necessary.</li> <li>Only for Doctor Students</li> </ul>  |
| 311545             | Osaka School of International Public Policy   | Workshop:Empirical Analyses on<br>Labor Economics 2                           | Lecture         | 2       | KOHARA Miki  | undecided  | Toyonaka  | Spring and Summer Term | Thu        | 2         | A          | <ul> <li>Students are assumed to have studied General<br/>Econometrics classes including Micro/Macro<br/>Econometrics.</li> <li>Only for Doctor Students</li> </ul>                      |
| 311580             | Osaka School of International Public Policy   | Workshop:Microeconomic Theory   | Lecture         | 2       | MUROOKA Takeshi  | undecided  | Toyonaka  | Spring Term            | Tue<br>Thu | 3<br>2    | A          | <ul> <li>Prerequisite: Microeconomic Analysis I (or other<br/>intermediate-level microeconomics course).</li> <li>Only for Doctor Students</li> </ul>                                    |
| 311628             | Osaka School of International Public Policy   | Workshop:Poverty Measurement  | Lecture         | 2       | TAKAMATSU Shinya   | undecided  | Toyonaka  | Summer Term            | intensive  | intensive | A          | Only for Doctor Students   |
| 311618             | Osaka School of International Public Policy   | Workshop:Topics on Economic<br>Growth and Comparative<br>Development          | Lecture         | 2       | Nguyen Thang Dao   | undecided  | Toyonaka  | SpringTerm             | Tue<br>Fri | 4<br>4    | A          | Prerequisite: Basic knowledge of<br>microeconomics and macroeconomics, basic<br>mathematics (in particular optimization, dynamic<br>programming, calculus).     Only for Doctor Students |
| 311461             | Osaka School of International Public Policy   | Project Study:Economics of Human<br>Resource Allocation                       | Seminar         | 2       | TAKII Katsuya  | undecided  | Toyonaka  | Spring and Summer Term | Mon        | 5         | A          | Only for Doctor Students   |
| 311485             | Osaka School of International Public Policy   | Workshop:Japan and the<br>International Politics of Asia                      | Lecture         | 2       | SATOH Haruko   | undecided  | Toyonaka  | Spring and Summer Term | Thu        | 3         | A          | Only for Doctor Students   |
| 311589             | Osaka School of International Public Policy   | Project Study:Global Governance I   | Seminar         | 2       | SATOH Haruko   | undecided  | Toyonaka  | Spring and Summer Term | Thu        | 5         | A          | Only for Doctor Students   |
| C50806             | Center for Education in Liberal Arts and Sciences   | Special Lectures on High-field<br>NMR Structural Analysis B                   | Lecture Subject | 2       | FUJIWARA<br>Toshimichi,Miyanoiri<br>Youhei,MATSUKI Yo,杉木<br>俊彦 | Seminar Room 4F, Institute for Protein Research  | Suita     | Spring and Summer Term | Other      |           |            | <ul> <li>Doctoral latter period course target</li> <li>Fridays 1 PM from September 4.</li> <li>(Check the link for the seminar:<br/>http://www.protein.osaka-u.ac.jp/)</li> </ul>        |
| C50807             | Center for Education in Liberal Arts and Sciences   | Special Lectures on Protein<br>Informatics B                                  | Lecture Subject | 2       | MIZUGUCHI Kenji  | Institute for Protein Research   | Suita     | Spring and Summer Term | Other      |           |            | <ul> <li>Doctoral latter period course target</li> <li>Refer to a syllabus.</li> <li>Full Year (Check the link for the seminar:<br/>http://www.protein.osaka-u.ac.jp/)</li> </ul>        |
| C50808             | Center for Education in Liberal Arts and Sciences   | Special Lectures on Advanced<br>Research on Structural Biology A              | Lecture Subject | 2       | OKADA Mariko   | Institute for Protein Research   | Suita     | Spring and Summer Term | Other      |           |            | Refer to a syllabus.<br>Full Year (Check the link for the seminar:<br>http://www.protein.osaka-u.ac.jp/)   |
| 3B2203             | Center for the Study of Co* Design  | Co-Design Lecture: Frontier of<br>Sustainability Science                      | Lecture/Seminar | 2       |  | Office for University-Industry Collaboration, Building D, 2F<br>Meeting room                                 | Suita     | Spring and Summer Term | intensive  | intensive |            | This course is for graduate students   |
| 3B1309             | Center for the Study of Co* Design  | Special Lecture: Effectively<br>Communicating Your Science &<br>Research      | Lecture/Seminar |         | BARRETT BRENDAN<br>FRANCIS DOMINIC<br>Mitsuru KUDO             | Center for the Study of Co* Design   | Toyonaka  | Spring Term            | Thu        | 4、5       |            |  |
| 3B1530             | Center for the Study of Co* Design  | Art of Collaboraiton: Urban<br>Resilience Summer Program                      | Lecture/Seminar | 3       | BARRETT BRENDAN<br>FRANCIS DOMINIC                             |  |           | Spring and Summer Term | intensive  | intensive |            |  |
| 3B1232             | Center for the Study of Co* Design  | Special Lecture: Design Studies –<br>Creative Minds, Methods and<br>Processes | Lecture/Seminar | 2       |  | he Center of Medical Innovation and Translational Research<br>(CoMIT) building, the 3rd Floor, Seminar Room2 | Suita     | Spring and Summer Term | Fri        | 2         |            | This course is for graduate students   |
| 9C0017             | Institute for Transdisciplinary Graduate<br>Degree Programs<br>(Interactive Materials Science Cadet<br>Program) | Topical Seminar for Materials<br>Science 1                                    | Lecture         | 1       | Iijima Kenji   | undecided  | undecided | Spring and Summer Term | intensive  | intensive | A          | 履修希望者はカデットプログラム事務局に要問合せ<br>(For deatails, please contact IMSC Office)  |
| 9C0018             | Institute for Transdisciplinary Graduate<br>Degree Programs<br>(Interactive Materials Science Cadet<br>Program) | Topical Seminar for Materials<br>Science 2                                    | Lecture         | 1       | Iijima Kenji   | undecided  | undecided | Spring and Summer Term | intensive  | intensive | A          | 履修希望者はカデットプログラム事務局に要問合せ<br>(For deatails, please contact IMSC Office)  |

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|--------------------|---|--|-----------------|---------|----------------------------------|----------------------------------|-----------|------------------------|-----------|-----------|------------|---|
|                    | Institute for Transdisciplinary Graduate<br>Degree Programs<br>(Interactive Materials Science Cadet<br>Program)   | Topical Seminar for Materials<br>Science 3 | Lecture         | 1       | Iijima Kenji                     | undecided                        | undecided | Spring and Summer Term | intensive | intensive | A          | 履修希望者はカデットプログラム事務局に要問合せ<br>(For deatails, please contact IMSC Office) |
| 9E0011             | Institute for Transdisciplinary Graduate<br>Degree Programs<br>(Doctoral Program for Multicultural<br>Innovation) | Introduction to Academic Reading           | Lecture         | 2       | Stephen Muller                   | Interdisciplinary Research Bldg. | Suita     | Spring and Summer Term | Tue       | 2         | A          |   |
| 9E0030             | Institute for Transdisciplinary Graduate<br>Degree Programs<br>(Doctoral Program for Multicultural<br>Innovation) | Key Concepts and Topics in<br>Anthropology | Lecture         |         | Atsuro Morita<br>Gergely Mohacsi | Student Commons                  | Toyonaka  | Spring and Summer Term | Tue       | 4         | A          |   |