

Online Courses List

University of Tsukuba

[For more information on courses, please check Course Jukebox.](#)

Course Number	Course Title	Credits	Degree	Language	Subject
EG92021	Inorganic Geochemistry	1	Bachelor	English	Physical sciences
EG92041	Applied Structural Geology	1	Bachelor	English	Physical sciences
EG90211	Natural Hazards	1	Bachelor	English	Physical sciences
EG91011	Lecture on Geographical Information Systems	1	Bachelor	English	Physical sciences
EG91081	Environmental Hydrology	1	Bachelor	English	Physical sciences
EG91141	Human and Regional Geography	1.5	Bachelor	English	Physical sciences
EG91161	Process Geomorphology	1	Bachelor	English	Physical sciences
YBX0011	English for Specialized Subjects 1	1	Bachelor	English	Creative arts & design
YBX0021	English for Specialized Subjects 2	1	Bachelor	English	Creative arts & design
YBX4712	Workshops on Environmental and Architectural Design	3	Bachelor	English	Creative arts & design
HE40081	Topics in Medical Sciences I	1	Bachelor	English	Medicine & dentistry
YBL1701	Basic Lectures on Pictorial Images	1	Bachelor	English	Creative arts & design
YBL2042	Workshops on Visual Design B	1	Bachelor	English	Creative arts & design
YBL2502	Workshops on Graphic Design, Advanced	1	Bachelor	English	Creative arts & design
YAL1012	Fundamental Studio Work: Graphic Tools	1	Bachelor	English	Creative arts & design
YAX3132	Basic Seminar (Art&Design): English A-1	1	Bachelor	English	Creative arts & design
YAX3142	Basic Seminar (Art&Design): English A-1	1	Bachelor	English	Creative arts & design
YAX3152	Basic Seminar (Art&Design): English B-1	1	Bachelor	English	Creative arts & design
YAX3162	Basic Seminar (Art&Design): English B-2	1	Bachelor	English	Creative arts & design
YAX3172	Basic Seminar (Art&Design): English C-1	1	Bachelor	English	Creative arts & design
YAX3182	Basic Seminar (Art&Design): English C-2	1	Bachelor	English	Creative arts & design
HB33212	English Medical Terminology II	2	Bachelor	English	Medicine & dentistry
HB37242	Mastering the TOEFL IBT	1	Bachelor	English	Medicine & dentistry
GE62401	Machine Learning and Information Retrieval	2	Bachelor	English	Computer Science
GE62501	Human Information Interaction	2	Bachelor	English	Computer Science
GE72601	Human-computer Interaction	2	Bachelor	English	Computer Science
GE72701	Machine Learning and Information Retrieval	2	Bachelor	English	Computer Science
HB32147	An Introduction to Medical Care II	3	Bachelor	English	Medicine & dentistry
GB13614	Computer Science in English A	2	Bachelor	English	Mathematical sciences
GB19968	Directed Research in Computer Science A	4	Bachelor	English	Mathematical sciences
GB19978	Directed Research in Computer Science B	4	Bachelor	English	Mathematical sciences
FJ26004	Mechanics I	2	Bachelor	English	Physical sciences
FJ16001	Fluid Dynamics I	3	Bachelor	English	Physical sciences
FJ15021	Control Systems II	2	Bachelor	English	Physical sciences
FJ15101	Electronic Circuits	2	Bachelor	English	Physical sciences
FH27041	Economic Dynamics	2	Bachelor	English	Social studies
FJ11111	Introduction to Interdisciplinary Engineering II	1	Bachelor	English	Physical sciences
FF50061	Technical English 2	1	Bachelor	English	Physical sciences
FF50071	Technical English 3	1	Bachelor	English	Physical sciences
FG06041	Engineering System Special Lecture	1	Bachelor	English	Engineering & technology
FF20071	Technical English 3	1	Bachelor	English	Physical sciences
FF30071	Technical English 3	1	Bachelor	English	Physical sciences
FF40051	Technical English 1	1	Bachelor	English	Physical sciences
FF40071	Technical English 3	1	Bachelor	English	Physical sciences
FF20061	Technical English 2	1	Bachelor	English	Physical sciences
EG02211	Chemistry I	1	Bachelor	English	Biological sciences
EG02221	Chemistry II	1	Bachelor	English	Biological sciences
EG02231	Chemistry III	1	Bachelor	English	Biological sciences
EG02011	Physics	1	Bachelor	English	Biological sciences
EB60014	Programming I	1	Bachelor	English	Biological sciences
EB64021	Biometry II	1	Bachelor	English	Biological sciences
EB11351	Introduction to Genetics	1	Bachelor	English	Biological sciences
BE22821	History of Economic Thought	2	Bachelor	English	Social studies
BE22861	Health Economics	2	Bachelor	English	Social studies
CA10161	Current Topics in Disability Sciences	1	Bachelor	English	Subjects allied to medicine
CE00011	Disability Sciences in Japan	1	Bachelor	English	Subjects allied to medicine
BE21871	Monetary Economics	2	Bachelor	English	Social studies
BE22141	Japanese Politics	2	Bachelor	English	Social studies
BE22351	Introduction to International Law	1	Bachelor	English	Social studies
BE22391	International Human Rights Law	2	Bachelor	English	Social studies
BC51161	Media Politics	2	Bachelor	English	Social studies
BE21131	Introduction to Programming	2	Bachelor	English	Computer Science
BE21371	Introduction to Law	2	Bachelor	English	Social studies
BE21381	Introduction to Political Science	2	Bachelor	English	Social studies
BE21391	Introduction to Sociology	2	Bachelor	English	Social studies
BE21511	Academic Discussion Seminar	2	Bachelor	English	Social studies
BE21861	Introduction to Economics	2	Bachelor	English	Social studies

Course Number	Course Title	Credits	Degree	Language	Subject
BC12221	Social Development	2	Bachelor	English	Social studies
AC66102	International Seminar in Comparative Culture I	1	Bachelor	English	Social studies
AE13E81	Introduction to Japanese Culture	1	Bachelor	English	Social studies
AE13J22	Seminar on Studies of Culture and Representation	1	Bachelor	English	Social studies
AE53B61	Introduction to Contemporary Japanese Society	1	Bachelor	English	Social studies
BB28771	European Legal History	1	Bachelor	English	Social studies
8333031	Japanese Issues IV (Japanese Language and Society)	1	Bachelor	English	Social studies
8333041	Japanese Issues V (Japanese Socio-culture)	1	Bachelor	English	Social studies
8333051	Japanese Issues VI (Living and Learning among the Japanese)	1	Bachelor	English	Social studies
8333061	Career Design I	1	Bachelor	English	Social studies
8333071	Career Design II	1	Bachelor	English	Social studies
8333081	Career Design III	1	Bachelor	English	Social studies
8333091	Japanese Culture	1	Bachelor	English	Social studies
8333101	Japanese Society	1	Bachelor	English	Social studies
3910412	Japanese Reading I-A	1	Bachelor	Japanese	Languages
3910422	Japanese Reading II-B	1	Bachelor	Japanese	Languages
3910512	Japanese Composition I-A	1	Bachelor	Japanese	Languages
3910522	Japanese Composition II-B	1	Bachelor	Japanese	Languages
3910612	Seminar in Japanese Language I-A	1	Bachelor	Japanese	Languages
3910622	Seminar in Japanese Language II-B	1	Bachelor	Japanese	Languages
8333001	Japanese Issues I (Japanese Nature and Geography)	1	Bachelor	English	Biological sciences
8333011	Japanese Issues II (Introductory Japanese History)	1	Bachelor	English	Social studies
3902072	Kanji 4 A	1	Bachelor	Japanese	Languages
3902082	Kanji 4 B	1	Bachelor	Japanese	Languages
3902092	Kanji 5 A	1	Bachelor	Japanese	Languages
3902102	Kanji 5 B	1	Bachelor	Japanese	Languages
3902112	Kanji 6 A	1	Bachelor	Japanese	Languages
3902122	Kanji 6 B	1	Bachelor	Japanese	Languages
3902132	Kanji 7 A	1	Bachelor	Japanese	Languages
3902142	Kanji 7 B	1	Bachelor	Japanese	Languages
3902232	Kanji 8 A	1	Bachelor	Japanese	Languages
3902242	Kanji 8 B	1	Bachelor	Japanese	Languages
3910312	Japanese Listening I-A	1	Bachelor	Japanese	Languages
3910322	Japanese Listening II-B	1	Bachelor	Japanese	Languages
3901612	Japanese Socio-cultural Studies (Taught in English) A	1	Bachelor	English	Social studies
3901622	Japanese Socio-cultural Studies (Taught in English) B	1	Bachelor	English	Social studies
3901662	Japanese Issues (Culture) (Taught in English) A	1	Bachelor	English	Social studies
3901672	Japanese Issues (Culture) (Taught in English) B	1	Bachelor	English	Social studies
3902012	Kanji 1 A	1	Bachelor	Japanese	Languages
3902022	Kanji 1 B	1	Bachelor	Japanese	Languages
3902032	Kanji 2 A	1	Bachelor	Japanese	Languages
3902042	Kanji 2 B	1	Bachelor	Japanese	Languages
3902052	Kanji 3 A	1	Bachelor	Japanese	Languages
3902062	Kanji 3 B	1	Bachelor	Japanese	Languages
3901432	Comprehensive Japanese 7 Seminar A	1	Bachelor	Japanese	Languages
3901442	Comprehensive Japanese 7 Seminar B	1	Bachelor	Japanese	Languages
3901452	Varieties of Japanese I A	1	Bachelor	Japanese	Languages
3901462	Varieties of Japanese I B	1	Bachelor	Japanese	Languages
3901472	Varieties of Japanese II A	1	Bachelor	Japanese	Languages
3901482	Varieties of Japanese II B	1	Bachelor	Japanese	Languages
3901552	Japanese Project II A	1	Bachelor	Japanese	Languages
3901562	Japanese Project II B	1	Bachelor	Japanese	Languages
3901592	Japanese Project Work A	1	Bachelor	Japanese	Languages
3901602	Japanese Project Work B	1	Bachelor	Japanese	Languages
3901322	Comprehensive Japanese 6 Speaking and Listening B	1	Bachelor	Japanese	Languages
3901332	Comprehensive Japanese 6 Reading and Writing A	1	Bachelor	Japanese	Languages
3901342	Comprehensive Japanese 6 Reading and Writing B	1	Bachelor	Japanese	Languages
3901352	Comprehensive Japanese 6 Seminar A	1	Bachelor	Japanese	Languages
3901362	Comprehensive Japanese 6 Seminar B	1	Bachelor	Japanese	Languages
3901372	Comprehensive Japanese 7 Grammar A	1	Bachelor	Japanese	Languages
3901382	Comprehensive Japanese 7 Grammar B	1	Bachelor	Japanese	Languages
3901392	Comprehensive Japanese 7 Speaking and Listening A	1	Bachelor	Japanese	Languages
3901402	Comprehensive Japanese 7 Speaking and Listening B	1	Bachelor	Japanese	Languages
3901412	Comprehensive Japanese 7 Reading and Writing A	1	Bachelor	Japanese	Languages
3901422	Comprehensive Japanese 7 Reading and Writing B	1	Bachelor	Japanese	Languages
3901212	Comprehensive Japanese 2 A	4	Bachelor	Japanese	Languages
3901222	Comprehensive Japanese 2 B	4	Bachelor	Japanese	Languages
3901232	Comprehensive Japanese 3 A	4	Bachelor	Japanese	Languages
3901242	Comprehensive Japanese 3 B	4	Bachelor	Japanese	Languages
3901252	Comprehensive Japanese 4 Seminar A	1	Bachelor	Japanese	Languages
3901262	Comprehensive Japanese 4 Seminar B	1	Bachelor	Japanese	Languages
3901272	Comprehensive Japanese 5 Seminar A	1	Bachelor	Japanese	Languages

Course Number	Course Title	Credits	Degree	Language	Subject
3901282	Comprehensive Japanese 5 Seminar B	1	Bachelor	Japanese	Languages
3901292	Comprehensive Japanese 6 Grammar A	1	Bachelor	Japanese	Languages
3901302	Comprehensive Japanese 6 Grammar B	1	Bachelor	Japanese	Languages
3901312	Comprehensive Japanese 6 Speaking and Listening A	1	Bachelor	Japanese	Languages
3901102	Comprehensive Japanese 4 Speaking and Listening B	1	Bachelor	Japanese	Languages
3901112	Comprehensive Japanese 4 Reading and Writing A	1	Bachelor	Japanese	Languages
3901122	Comprehensive Japanese 4 Reading and Writing B	1	Bachelor	Japanese	Languages
3901132	Comprehensive Japanese 5 Grammar A	1	Bachelor	Japanese	Languages
3901142	Comprehensive Japanese 5 Grammar B	1	Bachelor	Japanese	Languages
3901152	Comprehensive Japanese 5 Speaking and Listening A	1	Bachelor	Japanese	Languages
3901162	Comprehensive Japanese 5 Speaking and Listening B	1	Bachelor	Japanese	Languages
3901172	Comprehensive Japanese 5 Reading and Writing A	1	Bachelor	Japanese	Languages
3901182	Comprehensive Japanese 5 Reading and Writing B	1	Bachelor	Japanese	Languages
3901192	Comprehensive Japanese 1 A	4	Bachelor	Japanese	Languages
3901202	Comprehensive Japanese 1 B	4	Bachelor	Japanese	Languages
3901072	Comprehensive Japanese 4 Grammar A	1	Bachelor	Japanese	Languages
3901082	Comprehensive Japanese 4 Grammar B	1	Bachelor	Japanese	Languages
3901092	Comprehensive Japanese 4 Speaking and Listening A	1	Bachelor	Japanese	Languages
1C90031	Career Design I	1	Bachelor	English	Social studies
1C90051	Japanese Society	1	Bachelor	English	Social studies
1C90071	Career Design II	1	Bachelor	English	Social studies
1C90111	Career Design III	1	Bachelor	English	Social studies
1390111	Living in Japan as Foreign Students	1	Bachelor	English	Social studies
1A90011	Japanese Issues I (Japanese Nature and Geography)	1	Bachelor	English	Biological sciences
1A90081	Food and Forest	1	Bachelor	English	Biological sciences
1B90021	Japanese Issues II (Introductory Japanese History)	1	Bachelor	English	Social studies
1B90051	Japanese Issues IV (Japanese Language and Society)	1	Bachelor	English	Social studies
1B90071	Japanese Issues V (Japanese Socio-culture)	1	Bachelor	English	Social studies
1B90081	Japanese Issues VI (Living and Learning among the Japanese)	1	Bachelor	English	Social studies
1C90011	Japanese Culture	1	Bachelor	English	Social studies
HB33147	An Introduction to Medical Care III	5	Bachelor	English	Medicine & dentistry
HB32212	English Medical Terminology I	1	Bachelor	English	Medicine & dentistry
0A00202	Presentations for General Audiences	1	Master	English	Social studies
0ABAE62	Applied Humanities (1)	1	Master	English	Social studies
0AJC021	Quantum Field Theory I	1	Master	English	Physical sciences
0AJC022	Quantum Field Theory II	1	Master	English	Physical sciences
0AJC031	Computational Physics	2	Master	English	Physical sciences
0AJED07	Advanced Bioinorganic Chemistry	1	Master	English	Physical sciences
0AJG041	Electromagnetism I	1	Master	English	Physical sciences
0AJG211	Material and Device Physics for Nanoscience I	1	Master	English	Physical sciences
0AJG213	Material and Device Physics for Nanoscience III	1	Master	English	Physical sciences
0AJG401	Diffraction Crystallography	1	Master	English	Physical sciences
0AJG411	Metallurgical Engineering	1	Master	English	Physical sciences
0AJG421	Materials Chemistry A	1	Master	English	Physical sciences
0AJG431	Chemical Biology A	1	Master	English	Physical sciences
0AJJA02	Introductory Sciences in Advanced Surface Measurements	2	Master	English	Physical sciences
0AJJA05	Spectroscopic Analysis in Materials Science	2	Master	English	Physical sciences
0AJJA27	Surface Science	1	Master	English	Physical sciences
0AJMA03	Introduction to Optical Properties of Solids	1	Master	English	Physical sciences
0AJMA04	Physics of Organic Semiconductors and Devices	1	Master	English	Physical sciences
0AJMB04	Quantum Theory of Many-Particle Systems	1	Master	English	Physical sciences
0AJME04	Biomaterials	1	Master	English	Physical sciences
0AJME05	Smart Biomaterials	1	Master	English	Physical sciences
0AL0300	Introduction to Soft Computing	2	Master	English	Physical sciences
0AL0301	Data Mining	2	Master	English	Physical sciences
0AL0304	Advanced Course on Mathematical Model Analysis	2	Master	English	Physical sciences
0AL0610	Advanced Space Exploration Engineering Workshop 2022	2	Master	English	Physical sciences
0AL5314	Financial Risk Analysis	2	Master	English	Physical sciences
0AL5319	Policy and case study on information-intelligence-based disaster risk management	1	Master	English	Physical sciences
0AL5400	Principles of Software Engineering	2	Master	English	Physical sciences
0AL5402	Topics in Computational Science I	1	Master	English	Physical sciences
0AL5409	Data Engineering I	2	Master	English	Physical sciences
0AL5421	Advanced Course in High Performance Computing	2	Master	English	Physical sciences
0AL5430	Adaptive Media Processing	1	Master	English	Physical sciences
0AL5437	Frontier Informatics A	1	Master	English	Physical sciences
0AL5438	Frontier Informatics B	1	Master	English	Physical sciences
0AL5609	Advanced Reliability Engineering	2	Master	English	Physical sciences
0AN0405	Simulation of Environmental Policy	2	Master	English	Biological sciences
0ANA001	Seminar in Advanced Biological Sciences	1	Master	English	Biological sciences
0ANA011	General Biology I	3	Master	English	Biological sciences
0ANB717	Advanced Food System	2	Master	English	Biological sciences
0AND361	Introduction to Water Environment	2	Master	English	Biological sciences

Course Number	Course Title	Credits	Degree	Language	Subject
0AND363	Environmental Analytical Chemistry	1	Master	English	Biological sciences
0AND367	Solid Waste Management Systems Planning	2	Master	English	Biological sciences
0AND369	Environmental Psychology	1	Master	English	Biological sciences
0AND376	Environmental Law	2	Master	English	Biological sciences
0AND377	Environmental Analysis and Planning	2	Master	English	Biological sciences
0AS0204	Olympic and Paralympic History	1	Master	English	Subjects allied to medicine
0AS0701	Research Foundation	2	Master	English	Computer Science
0ATC1G1	Special Lecture on Disability Sciences	1	Master	English	Subjects allied to medicine
0ATP022	Advanced Coach Education	1	Master	English	Subjects allied to medicine
0ATP041	Sport, Culture and Society	1	Master	English	Subjects allied to medicine
0ATQ001	Olympic Movement Studies	1	Master	English	Subjects allied to medicine
0ATQ002	Olympic Movement and Sport Law	1	Master	English	Subjects allied to medicine
0ATQ005	Japanese Culture	1	Master	English	Subjects allied to medicine
0ATQ006	Sport and Diversity	1	Master	English	Subjects allied to medicine
0ATQ008	Taiku (Physical Education)	1	Master	English	Subjects allied to medicine
0ATQ009	Cross-Cultural Communication	1	Master	English	Subjects allied to medicine
0ATQ209	Olympism and Legacy	1	Master	English	Subjects allied to medicine
0ATQ211	International Sport Marketing	1	Master	English	Subjects allied to medicine
0ATTL44	Special Topics in Photomedia	1	Master	English	Creative arts & design
0ATW115	Biological and Life Informatics	2	Master	English	Biological sciences
0ATW133	Recommendation Systems	2	Master	English	Biological sciences
0ATW134	Human Computer Interaction	2	Master	English	Biological sciences
0ATW135	Communication Behavior	2	Master	English	Biological sciences
0ATW137	Digital Humanities	2	Master	English	Biological sciences
0ATW153	Library Management	2	Master	English	Biological sciences
0ATW157	Information Organization	2	Master	English	Biological sciences
0ATW158	Media Education	2	Master	English	Biological sciences
0ATW216	Survey and Data Analysis	2	Master	English	Biological sciences
0AVA104	Sport, Culture and Society	1	Master	English	Subjects allied to medicine
0AVA108	Sport and Person with Disabilities (PWDs)	1	Master	English	Subjects allied to medicine
0AVC001	Introduction of Agro-Biomedical Science	1	Master	English	Subjects allied to medicine
0AVC003	Entrepreneurship Training I	2	Master	English	Subjects allied to medicine
0AVC004	Entrepreneurship Training II	2	Master	English	Subjects allied to medicine
0AVC015	Basic Molecular Nutrition	1	Master	English	Subjects allied to medicine
0AVC016	Agro-Biomedical Science Group seminar	1	Master	English	Subjects allied to medicine
0AVC101	Agro-Biomedical Science Laboratory Seminar I	1	Master	English	Subjects allied to medicine
0AVC104	Research and Development for Agro-Biomedical Science I	3	Master	English	Subjects allied to medicine
0AVC202	Advanced Course on Global Food Security	2	Master	English	Subjects allied to medicine
0AXA001	Introduction to Medicine	1	Master	English	Subjects allied to medicine
0AXA004	Introduction to Bioresource	1	Master	English	Subjects allied to medicine
0AXA301	Molecular and Cellular Biology of Disease I	1	Master	English	Subjects allied to medicine
0AXA302	Molecular and Cellular Biology of Disease II	1	Master	English	Subjects allied to medicine
0AXA303	Advances in Cellular Regulation	1	Master	English	Subjects allied to medicine
0AXA401	Introduction to Medicinal Chemistry	1	Master	English	Subjects allied to medicine
0AXA402	Translational Science in Drug Discovery	1	Master	English	Subjects allied to medicine
0AXA403	Pharmaceutical Design Engineering	1	Master	English	Subjects allied to medicine
0AXA503	Food Safety	1	Master	English	Biological sciences
0AXA602	Biomass Science	1	Master	English	Biological sciences
0AXA703	Project Management	1	Master	English	Biological sciences
0AXA802	Biomolecule and Medical Informatics	1	Master	English	Subjects allied to medicine
0AXA803	Gene Analysis and Functional Genomics	1	Master	English	Subjects allied to medicine
0BLC510	Policy and case study on information-intelligence-based disaster risk management	1	Doctor	English	Computer Science