

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0001	Department of Pure and Applied Mathematics	Lectures	Cyclotomic Field and Iwasawa Theory	spring semester	Wed.	3	2
0002	Department of Pure and Applied Mathematics	Lectures	Advanced Topology	fall semester	Tues.	3	2
0003	Department of Pure and Applied Mathematics	Lectures	Advanced Numerical Analysis	spring semester	Wed.	4	2
0004	Department of Pure and Applied Mathematics	Lectures	Advanced Probability and Statistics	spring semester	Tues.	2	2
0005	Department of Pure and Applied Mathematics	Lectures	Financial Econometrics	spring semester	Tues.	2	2
0006	Department of Pure and Applied Mathematics	Lectures	Statistical Science B	fall semester	Fri.	2	2
0007	Department of Pure and Applied Mathematics	Lectures	Statistical Science C	fall semester	Thur.	3	2
0008	Department of Pure and Applied Mathematics	Lectures	Advanced Topics in Pure and Applied Mathematics A	spring semester	Mon.	3	2
0009	Department of Pure and Applied Mathematics	Lectures	Advanced Topics in Pure and Applied Mathematics C	spring semester	Mon.	3	2
0010	Department of Pure and Applied Mathematics	Lectures	Advanced Topics in Pure and Applied Mathematics D	fall semester	Mon.	3	2
0011	Department of Pure and Applied Mathematics	Lectures	Statistical Science A	spring semester	Tues.	3	2
0012	Department of Pure and Applied Mathematics	Lectures	Advanced Partial Differential Equations	fall semester	Tues.	4	2
0013	Department of Pure and Applied Mathematics	Lectures	Advanced Number Theory	fall semester	Wed.	3	2
0014	Department of Pure and Applied Mathematics	Lectures	Algebraic Combinatorics A	fall semester	Fri.	2	2
0015	Department of Pure and Applied Mathematics	Lectures	Advanced Topics in Pure and Applied Mathematics E	spring quarter	Mon.	1-2	2
0016	Department of Pure and Applied Mathematics	Lectures	Advanced Topics in Pure and Applied Mathematics F	fall quarter	Mon.	1-2	2
0017	Department of Pure and Applied Mathematics	Lectures	Advanced Topics in Pure and Applied Mathematics G	winter quarter	Mon.	1-2	2
0018	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology A	spring semester	others	others	3
0019	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology B	fall semester	others	others	3
0020	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology C	spring semester	others	others	3
0021	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology D	fall semester	others	others	3
0022	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology A	spring semester	others	others	3
0023	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology B	fall semester	others	others	3
0024	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology C	spring semester	others	others	3
0025	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology D	fall semester	others	others	3
0026	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Partial Differential Equations A	spring semester	others	others	3
0027	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Partial Differential Equations B	fall semester	others	others	3
0028	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Partial Differential Equations C	spring semester	others	others	3
0029	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Partial Differential Equations D	fall semester	others	others	3
0030	Department of Pure and Applied Mathematics	Seminars	Seminar on Applications of Mathematics to Materials Engineering A	spring semester	others	others	3
0031	Department of Pure and Applied Mathematics	Seminars	Seminar on Applications of Mathematics to Materials Engineering B	fall semester	others	others	3
0032	Department of Pure and Applied Mathematics	Seminars	Seminar on Applications of Mathematics to Materials Engineering C	spring semester	others	others	3
0033	Department of Pure and Applied Mathematics	Seminars	Seminar on Applications of Mathematics to Materials Engineering D	fall semester	others	others	3
0034	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems A	spring semester	others	others	3
0035	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems B	fall semester	others	others	3
0036	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems C	spring semester	others	others	3
0037	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems D	fall semester	others	others	3
0038	Department of Pure and Applied Mathematics	Seminars	Seminar on Numerical Analysis A	spring semester	others	others	3
0039	Department of Pure and Applied Mathematics	Seminars	Seminar on Numerical Analysis B	fall semester	others	others	3
0040	Department of Pure and Applied Mathematics	Seminars	Seminar on Numerical Analysis C	spring semester	others	others	3
0041	Department of Pure and Applied Mathematics	Seminars	Seminar on Numerical Analysis D	fall semester	others	others	3
0042	Department of Pure and Applied Mathematics	Seminars	Seminar on Numerical Analysis A	spring semester	others	others	3
0043	Department of Pure and Applied Mathematics	Seminars	Seminar on Numerical Analysis B	fall semester	others	others	3
0044	Department of Pure and Applied Mathematics	Seminars	Seminar on Numerical Analysis C	spring semester	others	others	3
0045	Department of Pure and Applied Mathematics	Seminars	Seminar on Numerical Analysis D	fall semester	others	others	3
0046	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Statistics Time Series Finance A	spring semester	others	others	3
0047	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Statistics Time Series Finance B	fall semester	others	others	3
0048	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Statistics Time Series Finance C	spring semester	others	others	3
0049	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Statistics Time Series Finance D	fall semester	others	others	3
0050	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Geometry A	spring semester	others	others	3
0051	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Geometry B	fall semester	others	others	3
0052	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Geometry C	spring semester	others	others	3
0053	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Geometry D	fall semester	others	others	3

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0054	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Statistics A	spring semester	others	others	3
0055	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Statistics B	fall semester	others	others	3
0056	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Statistics C	spring semester	others	others	3
0057	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Statistics D	fall semester	others	others	3
0058	Department of Pure and Applied Mathematics	Seminars	Seminar on Differential Geometry A	spring semester	others	others	3
0059	Department of Pure and Applied Mathematics	Seminars	Seminar on Differential Geometry B	fall semester	others	others	3
0060	Department of Pure and Applied Mathematics	Seminars	Seminar on Differential Geometry C	spring semester	others	others	3
0061	Department of Pure and Applied Mathematics	Seminars	Seminar on Differential Geometry D	fall semester	others	others	3
0062	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Logic and Set Theory A	spring semester	others	others	3
0063	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Logic and Set Theory B	fall semester	others	others	3
0064	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Logic and Set Theory C	spring semester	others	others	3
0065	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Logic and Set Theory D	fall semester	others	others	3
0066	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic and Statistical Analysis A	spring semester	others	others	3
0067	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic and Statistical Analysis B	fall semester	others	others	3
0068	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic and Statistical Analysis C	spring semester	others	others	3
0069	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic and Statistical Analysis D	fall semester	others	others	3
0070	Department of Pure and Applied Mathematics	Seminars	Seminar on Real Analysis A	spring semester	others	others	3
0071	Department of Pure and Applied Mathematics	Seminars	Seminar on Real Analysis B	fall semester	others	others	3
0072	Department of Pure and Applied Mathematics	Seminars	Seminar on Real Analysis C	spring semester	others	others	3
0073	Department of Pure and Applied Mathematics	Seminars	Seminar on Real Analysis D	fall semester	others	others	3
0074	Department of Pure and Applied Mathematics	Seminars	Seminar on Harmonic Analysis and Nonlinear Partial Differential Equation B	fall semester	others	others	3
0075	Department of Pure and Applied Mathematics	Seminars	Seminar on Harmonic Analysis and Nonlinear Partial Differential Equation D	fall semester	others	others	3
0076	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Probabilistic Model A	spring semester	others	others	3
0077	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Probabilistic Model B	fall semester	others	others	3
0078	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Probabilistic Model C	spring semester	others	others	3
0079	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Probabilistic Model D	fall semester	others	others	3
0080	Department of Pure and Applied Mathematics	Seminars	Seminar on Information Theory B	fall semester	others	others	3
0081	Department of Pure and Applied Mathematics	Seminars	Seminar on Information Theory A	spring semester	others	others	3
0082	Department of Pure and Applied Mathematics	Seminars	Seminar on Information Theory C	spring semester	others	others	3
0083	Department of Pure and Applied Mathematics	Seminars	Seminar on Information Theory D	fall semester	others	others	3
0084	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems A (Prof. Bowen)	spring semester	others	others	3
0085	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems B (Prof. Bowen)	fall semester	others	others	3
0086	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems C (Prof. Bowen)	spring semester	others	others	3
0087	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems D (Prof. Bowen)	fall semester	others	others	3
0088	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Geometry A (Prof. Nagai)	spring semester	others	others	3
0089	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Geometry B (Prof. Nagai)	fall semester	others	others	3
0090	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Geometry C (Prof. Nagai)	spring semester	others	others	3
0091	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Geometry D (Prof. Nagai)	fall semester	others	others	3
0092	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Number Theory A	spring semester	others	others	3
0093	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Number Theory B	fall semester	others	others	3
0094	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Number Theory C	spring semester	others	others	3
0095	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Number Theory D	fall semester	others	others	3
0096	Department of Pure and Applied Mathematics	Seminars	Seminar on Geometry A	spring semester	others	others	3
0097	Department of Pure and Applied Mathematics	Seminars	Seminar on Geometry B	fall semester	others	others	3
0098	Department of Pure and Applied Mathematics	Seminars	Seminar on Geometry C	spring semester	others	others	3
0099	Department of Pure and Applied Mathematics	Seminars	Seminar on Geometry D	fall semester	others	others	3
0100	Department of Pure and Applied Mathematics	Seminars	Seminar on Hyperbolic Geometry A	spring semester	others	others	3
0101	Department of Pure and Applied Mathematics	Seminars	Seminar on Hyperbolic Geometry B	fall semester	others	others	3
0102	Department of Pure and Applied Mathematics	Seminars	Seminar on Hyperbolic Geometry C	spring semester	others	others	3
0103	Department of Pure and Applied Mathematics	Seminars	Seminar on Hyperbolic Geometry D	fall semester	others	others	3
0104	Department of Pure and Applied Mathematics	Seminars	Seminar on Complex Analytic Geometry A	spring semester	others	others	3
0105	Department of Pure and Applied Mathematics	Seminars	Seminar on Complex Analytic Geometry B	fall semester	others	others	3
0106	Department of Pure and Applied Mathematics	Seminars	Seminar on Complex Analytic Geometry C	spring semester	others	others	3

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0107	Department of Pure and Applied Mathematics	Seminars	Seminar on Complex Analytic Geometry D	fall semester	others	others	3
0108	Department of Pure and Applied Mathematics	Seminars	Seminar on Functional Analysis and Nonlinear Partial Differential Equations A	spring semester	others	others	3
0109	Department of Pure and Applied Mathematics	Seminars	Seminar on Functional Analysis and Nonlinear Partial Differential Equations B	fall semester	others	others	3
0110	Department of Pure and Applied Mathematics	Seminars	Seminar on Functional Analysis and Nonlinear Partial Differential Equations C	spring semester	others	others	3
0111	Department of Pure and Applied Mathematics	Seminars	Seminar on Functional Analysis and Nonlinear Partial Differential Equations D	fall semester	others	others	3
0112	Department of Pure and Applied Mathematics	Seminars	Seminar on Variational Problems A	spring semester	others	others	3
0113	Department of Pure and Applied Mathematics	Seminars	Seminar on Variational Problems B	fall semester	others	others	3
0114	Department of Pure and Applied Mathematics	Seminars	Seminar on Variational Problems C	spring semester	others	others	3
0115	Department of Pure and Applied Mathematics	Seminars	Seminar on Variational Problems D	fall semester	others	others	3
0116	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic Analysis A	spring semester	others	others	3
0117	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic Analysis B	fall semester	others	others	3
0118	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic Analysis C	spring semester	others	others	3
0119	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic Analysis D	fall semester	others	others	3
0120	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Structures of Materials A	spring semester	others	others	3
0121	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Structures of Materials B	fall semester	others	others	3
0122	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Structures of Materials C	spring semester	others	others	3
0123	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Structures of Materials D	fall semester	others	others	3
0124	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems A(Prof. Maruno)	spring semester	others	others	3
0125	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems B(Prof. Maruno)	fall semester	others	others	3
0126	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems C(Prof. Maruno)	spring semester	others	others	3
0127	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems D(Prof. Maruno)	fall semester	others	others	3
0128	Department of Pure and Applied Mathematics	Seminars	Seminar on Theory of Relativity A	spring semester	others	others	3
0129	Department of Pure and Applied Mathematics	Seminars	Seminar on Theory of Relativity B	fall semester	others	others	3
0130	Department of Pure and Applied Mathematics	Seminars	Seminar on Theory of Relativity C	spring semester	others	others	3
0131	Department of Pure and Applied Mathematics	Seminars	Seminar on Theory of Relativity D	fall semester	others	others	3
0132	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Economics A	spring semester	others	others	3
0133	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Economics B	fall semester	others	others	3
0134	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Economics C	spring semester	others	others	3
0135	Department of Pure and Applied Mathematics	Seminars	Seminar on Mathematical Economics D	fall semester	others	others	3
0136	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic Processes and Statistical Inference A	spring semester	others	others	3
0137	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic Processes and Statistical Inference B	fall semester	others	others	3
0138	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic Processes and Statistical Inference C	spring semester	others	others	3
0139	Department of Pure and Applied Mathematics	Seminars	Seminar on Stochastic Processes and Statistical Inference D	fall semester	others	others	3
0140	Department of Pure and Applied Mathematics	Seminars	Seminar on Partial Differential Equations A (Prof. Kawashima)	spring semester	others	others	3
0141	Department of Pure and Applied Mathematics	Seminars	Seminar on Partial Differential Equations B (Prof. Kawashima)	fall semester	others	others	3
0142	Department of Pure and Applied Mathematics	Seminars	Seminar on Partial Differential Equations C (Prof. Kawashima)	spring semester	others	others	3
0143	Department of Pure and Applied Mathematics	Seminars	Seminar on Partial Differential Equations D (Prof. Kawashima)	fall semester	others	others	3
0144	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology A (Prof. Kojima)	spring semester	others	others	3
0145	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology B (Prof. Kojima)	fall semester	others	others	3
0146	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology C (Prof. Kojima)	spring semester	others	others	3
0147	Department of Pure and Applied Mathematics	Seminars	Seminar on Topology D (Prof. Kojima)	fall semester	others	others	3
0148	Department of Pure and Applied Mathematics	Seminars	Seminar on Number Theory and Automorphic Forms A	spring semester	others	others	3
0149	Department of Pure and Applied Mathematics	Seminars	Seminar on Number Theory and Automorphic Forms B	fall semester	others	others	3
0150	Department of Pure and Applied Mathematics	Seminars	Seminar on Number Theory and Automorphic Forms C	spring semester	others	others	3
0151	Department of Pure and Applied Mathematics	Seminars	Seminar on Number Theory and Automorphic Forms D	fall semester	others	others	3
0152	Department of Pure and Applied Mathematics	Seminars	Seminar on Harmonic Analysis and Nonlinear Partial Differential Equation A	spring semester	others	others	3
0153	Department of Pure and Applied Mathematics	Seminars	Seminar on Harmonic Analysis and Nonlinear Partial Differential Equation C	spring semester	others	others	3
0154	Department of Pure and Applied Mathematics	Seminars	Seminar on Dynamical Systems A	spring semester	others	others	3
0155	Department of Pure and Applied Mathematics	Seminars	Seminar on Dynamical Systems B	fall semester	others	others	3
0156	Department of Pure and Applied Mathematics	Seminars	Seminar on Dynamical Systems C	spring semester	others	others	3
0157	Department of Pure and Applied Mathematics	Seminars	Seminar on Dynamical Systems D	fall semester	others	others	3
0158	Department of Pure and Applied Mathematics	Seminars	Seminar on Special Varieties A	spring semester	others	others	3
0159	Department of Pure and Applied Mathematics	Seminars	Seminar on Special Varieties B	fall semester	others	others	3

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0160	Department of Pure and Applied Mathematics	Seminars	Seminar on Special Varieties C	spring semester	others	others	3
0161	Department of Pure and Applied Mathematics	Seminars	Seminar on Special Varieties D	fall semester	others	others	3
0162	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Analysis and Nonlinear Partial Differential Equations A	spring semester	others	others	3
0163	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Analysis and Nonlinear Partial Differential Equations B	fall semester	others	others	3
0164	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Analysis and Nonlinear Partial Differential Equations C	spring semester	others	others	3
0165	Department of Pure and Applied Mathematics	Seminars	Seminar on Applied Analysis and Nonlinear Partial Differential Equations D	fall semester	others	others	3
0166	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems A	spring semester	others	others	3
0167	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems B	fall semester	others	others	3
0168	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems C	spring semester	others	others	3
0169	Department of Pure and Applied Mathematics	Seminars	Seminar on Nonlinear Systems D	fall semester	others	others	3
0170	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Combinatorics A	spring semester	others	others	3
0171	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Combinatorics B	fall semester	others	others	3
0172	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Combinatorics C	spring semester	others	others	3
0173	Department of Pure and Applied Mathematics	Seminars	Seminar on Algebraic Combinatorics D	fall semester	others	others	3
0174	Department of Applied Mechanics and Aerospace Engineering	Lectures	Tribology 2	fall semester	Tues.	2	2
0175	Department of Applied Mechanics and Aerospace Engineering	Lectures	Micro-mechanical Engineering	fall semester	Wed.	5	2
0176	Department of Applied Mechanics and Aerospace Engineering	Lectures	Advanced Dynamics and Control of Mechanical Systems	fall semester	Thur.	6	2
0177	Department of Applied Mechanics and Aerospace Engineering	Lectures	Advanced Statistical Mechanics	fall semester	Wed.	3	2
0178	Department of Applied Mechanics and Aerospace Engineering	Lectures	Advanced Fluid Machinery	fall semester	Thur.	2	2
0179	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Fluid Engineering B	fall semester	others	others	3
0180	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Fluid Engineering D	fall semester	others	others	3
0181	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Thermofluid Science B	fall semester	others	others	3
0182	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Thermofluid Science D	fall semester	others	others	3
0183	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Applied Mathematics and Mechanics B	fall semester	others	others	3
0184	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Applied Mathematics and Mechanics D	fall semester	others	others	3
0185	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Dynamics and Control of Mechanical Systems B	fall semester	others	others	3
0186	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Dynamics and Control of Mechanical Systems D	fall semester	others	others	3
0187	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Energy and Systems Engineering B	fall semester	others	others	3
0188	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Energy and Systems Engineering D	fall semester	others	others	3
0189	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Mechanics of Composite Materials B	fall semester	others	others	3
0190	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Mechanics of Composite Materials D	fall semester	others	others	3
0191	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Tribology B	fall semester	others	others	3
0192	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Tribology D	fall semester	others	others	3
0193	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Aerospace Transportation B	fall semester	others	others	3
0194	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Aerospace Transportation D	fall semester	others	others	3
0195	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Aerodynamics B	fall semester	others	others	3
0196	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Aerodynamics D	fall semester	others	others	3
0197	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Nonequilibrium Statistical Mechanics B	fall semester	others	others	3
0198	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Nonequilibrium Statistical Mechanics D	fall semester	others	others	3
0199	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Fluid Machinery B	fall semester	others	others	3
0200	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Fluid Machinery D	fall semester	others	others	3
0201	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Materials Process Engineering B	fall semester	others	others	3
0202	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Materials Process Engineering D	fall semester	others	others	3
0203	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Micro and Nano Mechanics B	fall semester	others	others	3
0204	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Micro and Nano Mechanics D	fall semester	others	others	3
0205	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Mechanics of Materials B	fall semester	others	others	3
0206	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Mechanics of Materials D	fall semester	others	others	3
0207	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Process Control Engineering B	fall semester	others	others	3
0208	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Process Control Engineering D	fall semester	others	others	3
0209	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Design Optimization B	fall semester	others	others	3
0210	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Design Optimization D	fall semester	others	others	3
0211	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Nanomaterials Engineering B	fall semester	others	others	3
0212	Department of Applied Mechanics and Aerospace Engineering	Seminars	Seminar on Nanomaterials Engineering D	fall semester	others	others	3

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0213	Department of Electronic and Physical Systems	Lectures	Topics on Photonics	spring semester	Mon.	2	2
0214	Department of Electronic and Physical Systems	Lectures	Introduction to Molecular Nano-engineering	fall semester	Mon.	1	2
0215	Department of Electronic and Physical Systems	Lectures	Quantum Solid-State Science	fall quarter	Wed.	3-4	2
0216	Department of Electronic and Physical Systems	Lectures	System LSI Design and CAD	fall semester	Tues.	2	2
0217	Department of Electronic and Physical Systems	Lectures	Nanodevice Engineering	spring semester	Tues.	2	2
0218	Department of Electronic and Physical Systems	Lectures	Nanobiotechnology Fusion Systems	fall semester	Tues.	2	2
0219	Department of Electronic and Physical Systems	Lectures	Computational Experiments	fall semester	Tues.	2	2
0220	Department of Electronic and Physical Systems	Lectures	Digital System Design	winter quarter	Mon.	4-5	2
0221	Department of Electronic and Physical Systems	Seminars	Seminar on Advanced Theoretical Physics for Condensed Matter A	spring semester	others	others	3
0222	Department of Electronic and Physical Systems	Seminars	Seminar on Advanced Theoretical Physics for Condensed Matter B	fall semester	others	others	3
0223	Department of Electronic and Physical Systems	Seminars	Seminar on Advanced Theoretical Physics for Condensed Matter C	spring semester	others	others	3
0224	Department of Electronic and Physical Systems	Seminars	Seminar on Advanced Theoretical Physics for Condensed Matter D	fall semester	others	others	3
0225	Department of Electronic and Physical Systems	Seminars	Seminar on Quantum Solid-state Science A	spring semester	others	others	3
0226	Department of Electronic and Physical Systems	Seminars	Seminar on Quantum Solid-state Science B	fall semester	others	others	3
0227	Department of Electronic and Physical Systems	Seminars	Seminar on Quantum Solid-state Science C	spring semester	others	others	3
0228	Department of Electronic and Physical Systems	Seminars	Seminar on Quantum Solid-state Science D	fall semester	others	others	3
0229	Department of Electronic and Physical Systems	Seminars	Seminar on Molecular Nano-engineering A	spring semester	others	others	3
0230	Department of Electronic and Physical Systems	Seminars	Seminar on Molecular Nano-engineering B	fall semester	others	others	3
0231	Department of Electronic and Physical Systems	Seminars	Seminar on Molecular Nano-engineering C	spring semester	others	others	3
0232	Department of Electronic and Physical Systems	Seminars	Seminar on Molecular Nano-engineering D	fall semester	others	others	3
0233	Department of Electronic and Physical Systems	Seminars	Seminar on Nanoelectronics A	spring semester	others	others	3
0234	Department of Electronic and Physical Systems	Seminars	Seminar on Nanoelectronics B	fall semester	others	others	3
0235	Department of Electronic and Physical Systems	Seminars	Seminar on Nanoelectronics C	spring semester	others	others	3
0236	Department of Electronic and Physical Systems	Seminars	Seminar on Nanoelectronics D	fall semester	others	others	3
0237	Department of Electronic and Physical Systems	Seminars	Seminar on Microsystem Engineering A	spring semester	others	others	3
0238	Department of Electronic and Physical Systems	Seminars	Seminar on Microsystem Engineering B	fall semester	others	others	3
0239	Department of Electronic and Physical Systems	Seminars	Seminar on Microsystem Engineering C	spring semester	others	others	3
0240	Department of Electronic and Physical Systems	Seminars	Seminar on Microsystem Engineering D	fall semester	others	others	3
0241	Department of Electronic and Physical Systems	Seminars	Seminar on Nanomaterials for Informatics A	spring semester	others	others	3
0242	Department of Electronic and Physical Systems	Seminars	Seminar on Nanomaterials for Informatics B	fall semester	others	others	3
0243	Department of Electronic and Physical Systems	Seminars	Seminar on Nanomaterials for Informatics C	spring semester	others	others	3
0244	Department of Electronic and Physical Systems	Seminars	Seminar on Nanomaterials for Informatics D	fall semester	others	others	3
0245	Department of Electronic and Physical Systems	Seminars	Seminar on Functional Photonics A	spring semester	others	others	3
0246	Department of Electronic and Physical Systems	Seminars	Seminar on Functional Photonics B	fall semester	others	others	3
0247	Department of Electronic and Physical Systems	Seminars	Seminar on Functional Photonics C	spring semester	others	others	3
0248	Department of Electronic and Physical Systems	Seminars	Seminar on Functional Photonics D	fall semester	others	others	3
0249	Department of Electronic and Physical Systems	Seminars	Seminar on Design and Analysis Systems A	spring semester	others	others	3
0250	Department of Electronic and Physical Systems	Seminars	Seminar on Design and Analysis Systems B	fall semester	others	others	3
0251	Department of Electronic and Physical Systems	Seminars	Seminar on Design and Analysis Systems C	spring semester	others	others	3
0252	Department of Electronic and Physical Systems	Seminars	Seminar on Design and Analysis Systems D	fall semester	others	others	3
0253	Department of Electronic and Physical Systems	Seminars	Seminar on Integrated System Design A	spring semester	others	others	3
0254	Department of Electronic and Physical Systems	Seminars	Seminar on Integrated System Design B	fall semester	others	others	3
0255	Department of Electronic and Physical Systems	Seminars	Seminar on Integrated System Design C	spring semester	others	others	3
0256	Department of Electronic and Physical Systems	Seminars	Seminar on Integrated System Design D	fall semester	others	others	3
0257	Department of Electronic and Physical Systems	Seminars	Seminar on Radio and Optical Converged Systems A	spring semester	others	others	3
0258	Department of Electronic and Physical Systems	Seminars	Seminar on Radio and Optical Converged Systems B	fall semester	others	others	3
0259	Department of Electronic and Physical Systems	Seminars	Seminar on Radio and Optical Converged Systems C	spring semester	others	others	3
0260	Department of Electronic and Physical Systems	Seminars	Seminar on Radio and Optical Converged Systems D	fall semester	others	others	3
0261	Department of Intermedia Studies	Lectures	Applied media ergonomics	spring semester	Mon.	5	2
0262	Department of Intermedia Studies	Lectures	Advanced media systems	fall semester	Fri.	1	2
0263	Department of Intermedia Studies	Lectures	Lecture on Representation Structure Theory	spring semester	Wed.	4	2
0264	Department of Intermedia Studies	Lectures	Communication Acoustics	spring semester	Mon.	3	2
0265	Department of Intermedia Studies	Lectures	Intelligence Dynamics and Representation System Advanced	spring semester	Tues.	3	2

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0266	Department of Intermedia Studies	Lectures	Sound and Mathematical Physics	fall semester	Thur.	4	2
0267	Department of Intermedia Studies	Lectures	Advanced Digital Media Expression	fall semester	Wed.	3	2
0268	Department of Intermedia Studies	Lectures	Cognitive Science Study	fall semester	Wed.	4	2
0269	Department of Intermedia Studies	Lectures	Philosophical Foundations of Expression	spring semester	Thur.	3	2
0270	Department of Intermedia Studies	Seminars	Seminar on Ergonomics in Advanced Media A	spring semester	others	others	3
0271	Department of Intermedia Studies	Seminars	Seminar on Ergonomics in Advanced Media B	fall semester	others	others	3
0272	Department of Intermedia Studies	Seminars	Seminar on Ergonomics in Advanced Media C	spring semester	others	others	3
0273	Department of Intermedia Studies	Seminars	Seminar on Ergonomics in Advanced Media D	fall semester	others	others	3
0274	Department of Intermedia Studies	Seminars	Seminar on Communication Acoustics A	spring semester	others	others	3
0275	Department of Intermedia Studies	Seminars	Seminar on Communication Acoustics B	fall semester	others	others	3
0276	Department of Intermedia Studies	Seminars	Seminar on Communication Acoustics C	spring semester	others	others	3
0277	Department of Intermedia Studies	Seminars	Seminar on Communication Acoustics D	fall semester	others	others	3
0278	Department of Intermedia Studies	Seminars	Seminar on Intermedia Music Study A	spring semester	others	others	3
0279	Department of Intermedia Studies	Seminars	Seminar on Intermedia Music Study B	fall semester	others	others	3
0280	Department of Intermedia Studies	Seminars	Seminar on Intermedia Music Study C	spring semester	others	others	3
0281	Department of Intermedia Studies	Seminars	Seminar on Intermedia Music Study D	fall semester	others	others	3
0282	Department of Intermedia Studies	Seminars	Seminar on Digital Media Expression A	spring semester	others	others	3
0283	Department of Intermedia Studies	Seminars	Seminar on Digital Media Expression B	fall semester	others	others	3
0284	Department of Intermedia Studies	Seminars	Seminar on Digital Media Expression C	spring semester	others	others	3
0285	Department of Intermedia Studies	Seminars	Seminar on Digital Media Expression D	fall semester	others	others	3
0286	Department of Intermedia Studies	Seminars	Seminar on Intelligence Dynamics and Representation System A	spring semester	others	others	3
0287	Department of Intermedia Studies	Seminars	Seminar on Intelligence Dynamics and Representation System B	fall semester	others	others	3
0288	Department of Intermedia Studies	Seminars	Seminar on Intelligence Dynamics and Representation System C	spring semester	others	others	3
0289	Department of Intermedia Studies	Seminars	Seminar on Intelligence Dynamics and Representation System D	fall semester	others	others	3
0290	Department of Intermedia Studies	Seminars	Seminar on Biologically Motivated Representation A	spring semester	others	others	3
0291	Department of Intermedia Studies	Seminars	Seminar on Biologically Motivated Representation B	fall semester	others	others	3
0292	Department of Intermedia Studies	Seminars	Seminar on Biologically Motivated Representation C	spring semester	others	others	3
0293	Department of Intermedia Studies	Seminars	Seminar on Biologically Motivated Representation D	fall semester	others	others	3
0294	Department of Intermedia Studies	Seminars	Seminar on Cognitive Science A	spring semester	others	others	3
0295	Department of Intermedia Studies	Seminars	Seminar on Cognitive Science B	fall semester	others	others	3
0296	Department of Intermedia Studies	Seminars	Seminar on Cognitive Science C	spring semester	others	others	3
0297	Department of Intermedia Studies	Seminars	Seminar on Cognitive Science D	fall semester	others	others	3
0298	Department of Intermedia Studies	Seminars	Seminar on Human Media Technology A	spring semester	others	others	3
0299	Department of Intermedia Studies	Seminars	Seminar on Human Media Technology B	fall semester	others	others	3
0300	Department of Intermedia Studies	Seminars	Seminar on Human Media Technology C	spring semester	others	others	3
0301	Department of Intermedia Studies	Seminars	Seminar on Human Media Technology D	fall semester	others	others	3
0302	Department of Computer Science and Communications Engineering	Lectures	Reliable Software	spring semester	Wed.	2	2
0303	Department of Computer Science and Communications Engineering	Lectures	Distributed Embedded and Real-Time Processing	fall semester	Fri.	2	2
0304	Department of Computer Science and Communications Engineering	Lectures	Information Retrieval	fall semester	Thur.	1	2
0305	Department of Computer Science and Communications Engineering	Lectures	Advanced Processor Architecture	spring semester	Fri.	3	2
0306	Department of Computer Science and Communications Engineering	Lectures	Advanced Intelligent Software	fall semester	Tues.	3	2
0307	Department of Computer Science and Communications Engineering	Lectures	Software Quality Assurance	spring semester	Tues.	4	2
0308	Department of Computer Science and Communications Engineering	Lectures	Computer Vision and Pattern Analysis	spring semester	Wed.	4	2
0309	Department of Computer Science and Communications Engineering	Lectures	Multimedia and Standards	fall semester	Wed.	3	2
0310	Department of Computer Science and Communications Engineering	Lectures	Network Theory	spring semester	Tues.	1	2
0311	Department of Computer Science and Communications Engineering	Lectures	Cloud Systems	fall semester	Mon.	5	2
0312	Department of Computer Science and Communications Engineering	Lectures	Multimedia Representation and Content Distribution Systems	spring semester	Mon.	2	2
0313	Department of Computer Science and Communications Engineering	Lectures	Advanced Wireless Access	fall semester	Mon.	3	2
0314	Department of Computer Science and Communications Engineering	Lectures	Perceptual Computing	fall semester	Tues.	2	2
0315	Department of Computer Science and Communications Engineering	Lectures	Advanced Image Information	spring semester	Fri.	2	2
0316	Department of Computer Science and Communications Engineering	Lectures	Digital System Design	winter quarter	Mon.	4-5	2
0317	Department of Computer Science and Communications Engineering	Lectures	Wireless Communication Network	spring semester	Mon.	3	2
0318	Department of Computer Science and Communications Engineering	Lectures	Foundations for Information Access Evaluation	spring semester	Tues.	3	2

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0319	Department of Computer Science and Communications Engineering	Lectures	Analysis of Networked Systems	fall semester	Mon.	4	2
0320	Department of Computer Science and Communications Engineering	Lectures	System LSI design and CAD	fall semester	Tues.	2	2
0321	Department of Computer Science and Communications Engineering	Lectures	Pattern Recognition and Machine Learning	spring semester	Tues.	2	2
0322	Department of Computer Science and Communications Engineering	Lectures	Info-Telecommunication and the Standardization	spring semester	Wed.	5	2
0323	Department of Computer Science and Communications Engineering	Lectures	Algorithms in Computational Biology	fall semester	Tues.	2	2
0324	Department of Computer Science and Communications Engineering	Lectures	Performance Evaluation of Information Systems	spring semester	Fri.	2	2
0325	Department of Computer Science and Communications Engineering	Lectures	Design and Implementation of Programming Languages	fall semester	Mon.	3	2
0326	Department of Computer Science and Communications Engineering	Lectures	Autonomous Agent System	fall semester	Tues.	2	2
0327	Department of Computer Science and Communications Engineering	Lectures	Computer Graphics Optimization	spring semester	Tues.	4	2
0328	Department of Computer Science and Communications Engineering	Lectures	Natural Language Processing	spring semester	Fri.	1	2
0329	Department of Computer Science and Communications Engineering	Lectures	Optimization Theory and Applications	fall semester	Tues.	4	2
0330	Department of Computer Science and Communications Engineering	Lectures	Cryptographic Protocols and Blockchain Technologies	fall semester	Tues.	4	2
0331	Department of Computer Science and Communications Engineering	Seminars	Seminar on Computer Vision and Pattern Analysis A	spring semester	others	others	3
0332	Department of Computer Science and Communications Engineering	Seminars	Seminar on Computer Vision and Pattern Analysis B	fall semester	others	others	3
0333	Department of Computer Science and Communications Engineering	Seminars	Seminar on Computer Vision and Pattern Analysis C	spring semester	others	others	3
0334	Department of Computer Science and Communications Engineering	Seminars	Seminar on Computer Vision and Pattern Analysis D	fall semester	others	others	3
0335	Department of Computer Science and Communications Engineering	Seminars	Seminar on Parallel Knowledge Information Processing A	spring semester	others	others	3
0336	Department of Computer Science and Communications Engineering	Seminars	Seminar on Parallel Knowledge Information Processing B	fall semester	others	others	3
0337	Department of Computer Science and Communications Engineering	Seminars	Seminar on Parallel Knowledge Information Processing C	spring semester	others	others	3
0338	Department of Computer Science and Communications Engineering	Seminars	Seminar on Parallel Knowledge Information Processing D	fall semester	others	others	3
0339	Department of Computer Science and Communications Engineering	Seminars	Seminar on Software Development Engineering A	spring semester	others	others	3
0340	Department of Computer Science and Communications Engineering	Seminars	Seminar on Software Development Engineering B	fall semester	others	others	3
0341	Department of Computer Science and Communications Engineering	Seminars	Seminar on Software Development Engineering C	spring semester	others	others	3
0342	Department of Computer Science and Communications Engineering	Seminars	Seminar on Software Development Engineering D	fall semester	others	others	3
0343	Department of Computer Science and Communications Engineering	Seminars	Seminar on Intelligent Software A	spring semester	others	others	3
0344	Department of Computer Science and Communications Engineering	Seminars	Seminar on Intelligent Software B	fall semester	others	others	3
0345	Department of Computer Science and Communications Engineering	Seminars	Seminar on Intelligent Software C	spring semester	others	others	3
0346	Department of Computer Science and Communications Engineering	Seminars	Seminar on Intelligent Software D	fall semester	others	others	3
0347	Department of Computer Science and Communications Engineering	Seminars	Seminar on Reliable Software Engineering A	spring semester	others	others	3
0348	Department of Computer Science and Communications Engineering	Seminars	Seminar on Reliable Software Engineering B	fall semester	others	others	3
0349	Department of Computer Science and Communications Engineering	Seminars	Seminar on Reliable Software Engineering C	spring semester	others	others	3
0350	Department of Computer Science and Communications Engineering	Seminars	Seminar on Reliable Software Engineering D	fall semester	others	others	3
0351	Department of Computer Science and Communications Engineering	Seminars	Seminar on Distributed Systems A	spring semester	others	others	3
0352	Department of Computer Science and Communications Engineering	Seminars	Seminar on Distributed Systems B	fall semester	others	others	3
0353	Department of Computer Science and Communications Engineering	Seminars	Seminar on Distributed Systems C	spring semester	others	others	3
0354	Department of Computer Science and Communications Engineering	Seminars	Seminar on Distributed Systems D	fall semester	others	others	3
0355	Department of Computer Science and Communications Engineering	Seminars	Seminar on Advanced Computing Systems A	spring semester	others	others	3
0356	Department of Computer Science and Communications Engineering	Seminars	Seminar on Advanced Computing Systems B	fall semester	others	others	3
0357	Department of Computer Science and Communications Engineering	Seminars	Seminar on Advanced Computing Systems C	spring semester	others	others	3
0358	Department of Computer Science and Communications Engineering	Seminars	Seminar on Advanced Computing Systems D	fall semester	others	others	3
0359	Department of Computer Science and Communications Engineering	Seminars	Seminar on Parallel and Distributed Architecture A	spring semester	others	others	3
0360	Department of Computer Science and Communications Engineering	Seminars	Seminar on Parallel and Distributed Architecture B	fall semester	others	others	3
0361	Department of Computer Science and Communications Engineering	Seminars	Seminar on Parallel and Distributed Architecture C	spring semester	others	others	3
0362	Department of Computer Science and Communications Engineering	Seminars	Seminar on Parallel and Distributed Architecture D	fall semester	others	others	3
0363	Department of Computer Science and Communications Engineering	Seminars	Seminar on Advanced Processor Architecture A	spring semester	others	others	3
0364	Department of Computer Science and Communications Engineering	Seminars	Seminar on Advanced Processor Architecture B	fall semester	others	others	3
0365	Department of Computer Science and Communications Engineering	Seminars	Seminar on Advanced Processor Architecture C	spring semester	others	others	3
0366	Department of Computer Science and Communications Engineering	Seminars	Seminar on Advanced Processor Architecture D	fall semester	others	others	3
0367	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Access A	spring semester	others	others	3
0368	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Access B	fall semester	others	others	3
0369	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Access C	spring semester	others	others	3
0370	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Access D	fall semester	others	others	3
0371	Department of Computer Science and Communications Engineering	Seminars	Seminar on Multimedia Information Distribution Systems A	spring semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0372	Department of Computer Science and Communications Engineering	Seminars	Seminar on Multimedia Information Distribution Systems B	fall semester	others	others	3
0373	Department of Computer Science and Communications Engineering	Seminars	Seminar on Multimedia Information Distribution Systems C	spring semester	others	others	3
0374	Department of Computer Science and Communications Engineering	Seminars	Seminar on Multimedia Information Distribution Systems D	fall semester	others	others	3
0375	Department of Computer Science and Communications Engineering	Seminars	Seminar on Telecommunication Network A	spring semester	others	others	3
0376	Department of Computer Science and Communications Engineering	Seminars	Seminar on Telecommunication Network B	fall semester	others	others	3
0377	Department of Computer Science and Communications Engineering	Seminars	Seminar on Telecommunication Network C	spring semester	others	others	3
0378	Department of Computer Science and Communications Engineering	Seminars	Seminar on Telecommunication Network D	fall semester	others	others	3
0379	Department of Computer Science and Communications Engineering	Seminars	Seminar on Audiovisual Information Processing A	spring semester	others	others	3
0380	Department of Computer Science and Communications Engineering	Seminars	Seminar on Audiovisual Information Processing B	fall semester	others	others	3
0381	Department of Computer Science and Communications Engineering	Seminars	Seminar on Audiovisual Information Processing C	spring semester	others	others	3
0382	Department of Computer Science and Communications Engineering	Seminars	Seminar on Audiovisual Information Processing D	fall semester	others	others	3
0383	Department of Computer Science and Communications Engineering	Seminars	Seminar on Distributed Computing Systems A	spring semester	others	others	3
0384	Department of Computer Science and Communications Engineering	Seminars	Seminar on Distributed Computing Systems B	fall semester	others	others	3
0385	Department of Computer Science and Communications Engineering	Seminars	Seminar on Distributed Computing Systems C	spring semester	others	others	3
0386	Department of Computer Science and Communications Engineering	Seminars	Seminar on Distributed Computing Systems D	fall semester	others	others	3
0387	Department of Computer Science and Communications Engineering	Seminars	Seminar on Perceptual Computing A	spring semester	others	others	3
0388	Department of Computer Science and Communications Engineering	Seminars	Seminar on Perceptual Computing B	fall semester	others	others	3
0389	Department of Computer Science and Communications Engineering	Seminars	Seminar on Perceptual Computing C	spring semester	others	others	3
0390	Department of Computer Science and Communications Engineering	Seminars	Seminar on Perceptual Computing D	fall semester	others	others	3
0391	Department of Computer Science and Communications Engineering	Seminars	Seminar on Image Information A	spring semester	others	others	3
0392	Department of Computer Science and Communications Engineering	Seminars	Seminar on Image Information B	fall semester	others	others	3
0393	Department of Computer Science and Communications Engineering	Seminars	Seminar on Image Information C	spring semester	others	others	3
0394	Department of Computer Science and Communications Engineering	Seminars	Seminar on Image Information D	fall semester	others	others	3
0395	Department of Computer Science and Communications Engineering	Seminars	Seminar on Design and Analysis Systems A	spring semester	others	others	3
0396	Department of Computer Science and Communications Engineering	Seminars	Seminar on Design and Analysis Systems B	fall semester	others	others	3
0397	Department of Computer Science and Communications Engineering	Seminars	Seminar on Design and Analysis Systems C	spring semester	others	others	3
0398	Department of Computer Science and Communications Engineering	Seminars	Seminar on Design and Analysis Systems D	fall semester	others	others	3
0399	Department of Computer Science and Communications Engineering	Seminars	Seminar on Information System Design A	spring semester	others	others	3
0400	Department of Computer Science and Communications Engineering	Seminars	Seminar on Information System Design B	fall semester	others	others	3
0401	Department of Computer Science and Communications Engineering	Seminars	Seminar on Information System Design C	spring semester	others	others	3
0402	Department of Computer Science and Communications Engineering	Seminars	Seminar on Information System Design D	fall semester	others	others	3
0403	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Communication Network A	spring semester	others	others	3
0404	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Communication Network B	fall semester	others	others	3
0405	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Communication Network C	spring semester	others	others	3
0406	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Communication Network D	fall semester	others	others	3
0407	Department of Computer Science and Communications Engineering	Seminars	Seminar on Networked Systems A	spring semester	others	others	3
0408	Department of Computer Science and Communications Engineering	Seminars	Seminar on Networked Systems B	fall semester	others	others	3
0409	Department of Computer Science and Communications Engineering	Seminars	Seminar on Networked Systems C	spring semester	others	others	3
0410	Department of Computer Science and Communications Engineering	Seminars	Seminar on Networked Systems D	fall semester	others	others	3
0411	Department of Computer Science and Communications Engineering	Seminars	Seminar on Information Access A	spring semester	others	others	3
0412	Department of Computer Science and Communications Engineering	Seminars	Seminar on Information Access B	fall semester	others	others	3
0413	Department of Computer Science and Communications Engineering	Seminars	Seminar on Information Access C	spring semester	others	others	3
0414	Department of Computer Science and Communications Engineering	Seminars	Seminar on Information Access D	fall semester	others	others	3
0415	Department of Computer Science and Communications Engineering	Seminars	Seminar on Bioinformatics A	spring semester	others	others	3
0416	Department of Computer Science and Communications Engineering	Seminars	Seminar on Bioinformatics B	fall semester	others	others	3
0417	Department of Computer Science and Communications Engineering	Seminars	Seminar on Bioinformatics C	spring semester	others	others	3
0418	Department of Computer Science and Communications Engineering	Seminars	Seminar on Bioinformatics D	fall semester	others	others	3
0419	Department of Computer Science and Communications Engineering	Seminars	Seminar on Media Intelligence A	spring semester	others	others	3
0420	Department of Computer Science and Communications Engineering	Seminars	Seminar on Media Intelligence B	fall semester	others	others	3
0421	Department of Computer Science and Communications Engineering	Seminars	Seminar on Media Intelligence C	spring semester	others	others	3
0422	Department of Computer Science and Communications Engineering	Seminars	Seminar on Media Intelligence D	fall semester	others	others	3
0423	Department of Computer Science and Communications Engineering	Seminars	Seminar on Hands-on Course on Computational Biology A	spring semester	others	others	3
0424	Department of Computer Science and Communications Engineering	Seminars	Seminar on Hands-on Course on Computational Biology B	fall semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0425	Department of Computer Science and Communications Engineering	Seminars	Seminar on Hands-on Course on Computational Biology C	spring semester	others	others	3
0426	Department of Computer Science and Communications Engineering	Seminars	Seminar on Hands-on Course on Computational Biology D	fall semester	others	others	3
0427	Department of Computer Science and Communications Engineering	Seminars	Seminar on Performance Evaluation of Information Systems A	spring semester	others	others	3
0428	Department of Computer Science and Communications Engineering	Seminars	Seminar on Performance Evaluation of Information Systems B	fall semester	others	others	3
0429	Department of Computer Science and Communications Engineering	Seminars	Seminar on Performance Evaluation of Information Systems C	spring semester	others	others	3
0430	Department of Computer Science and Communications Engineering	Seminars	Seminar on Performance Evaluation of Information Systems D	fall semester	others	others	3
0431	Department of Computer Science and Communications Engineering	Seminars	Seminar on Computer Programming Languages A	spring semester	others	others	3
0432	Department of Computer Science and Communications Engineering	Seminars	Seminar on Computer Programming Languages B	fall semester	others	others	3
0433	Department of Computer Science and Communications Engineering	Seminars	Seminar on Computer Programming Languages C	spring semester	others	others	3
0434	Department of Computer Science and Communications Engineering	Seminars	Seminar on Computer Programming Languages D	fall semester	others	others	3
0435	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Network Systems A	spring semester	others	others	3
0436	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Network Systems B	fall semester	others	others	3
0437	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Network Systems C	spring semester	others	others	3
0438	Department of Computer Science and Communications Engineering	Seminars	Seminar on Wireless Network Systems D	fall semester	others	others	3
0439	Department of Computer Science and Communications Engineering	Seminars	Seminar on Autonomous Agent System A	spring semester	others	others	3
0440	Department of Computer Science and Communications Engineering	Seminars	Seminar on Autonomous Agent System B	fall semester	others	others	3
0441	Department of Computer Science and Communications Engineering	Seminars	Seminar on Autonomous Agent System C	spring semester	others	others	3
0442	Department of Computer Science and Communications Engineering	Seminars	Seminar on Autonomous Agent System D	fall semester	others	others	3
0443	Department of Computer Science and Communications Engineering	Seminars	Seminar on Optimization and Learning for Systems A	spring semester	others	others	3
0444	Department of Computer Science and Communications Engineering	Seminars	Seminar on Optimization and Learning for Systems B	fall semester	others	others	3
0445	Department of Computer Science and Communications Engineering	Seminars	Seminar on Optimization and Learning for Systems C	spring semester	others	others	3
0446	Department of Computer Science and Communications Engineering	Seminars	Seminar on Optimization and Learning for Systems D	fall semester	others	others	3
0447	Department of Computer Science and Communications Engineering	Seminars	Seminar on Natural Language Processing A	spring semester	others	others	3
0448	Department of Computer Science and Communications Engineering	Seminars	Seminar on Natural Language Processing B	fall semester	others	others	3
0449	Department of Computer Science and Communications Engineering	Seminars	Seminar on Natural Language Processing C	spring semester	others	others	3
0450	Department of Computer Science and Communications Engineering	Seminars	Seminar on Natural Language Processing D	fall semester	others	others	3
0451	Department of Computer Science and Communications Engineering	Seminars	Seminar on Cryptographic Protocols A	spring semester	others	others	3
0452	Department of Computer Science and Communications Engineering	Seminars	Seminar on Cryptographic Protocols B	fall semester	others	others	3
0453	Department of Computer Science and Communications Engineering	Seminars	Seminar on Cryptographic Protocols C	spring semester	others	others	3
0454	Department of Computer Science and Communications Engineering	Seminars	Seminar on Cryptographic Protocols D	fall semester	others	others	3
0455	Department of Architecture	Lectures	Advanced Topics in Architectural Design and Engineering A	spring semester	Wed.	2	2
0456	Department of Architecture	Lectures	Advanced Topics in Architectural Design and Engineering B	fall semester	Wed.	2	2
0457	Department of Architecture	Lectures	Exercises in Architectural Design(D)	spring semester	Wed.	3-5	2
0458	Department of Architecture	Lectures	Exercises in Architectural Design(E)	fall semester	Wed.	3-5	2
0459	Department of Architecture	Lectures	Exercises in Architectural Design(F)	spring semester	Wed.	4-5	2
0460	Department of Architecture	Lectures	Exercises in Architectural Design(G)	spring semester	Wed.	4-5	2
0461	Department of Architecture	Lectures	Advanced Theory: Urban and Environmental Design	spring quarter	Tues.	3-4	2
0462	Department of Architecture	Lectures	Advanced Theory: Regenerative Design of the Built Environment	fall quarter	Mon.	6-7	2
0463	Department of Architecture	Lectures	Advanced Theory: Architecture and Sociological Concepts	spring semester	Fri.	2	2
0464	Department of Architecture	Lectures	Advanced Building Environment	fall semester	Wed.	5	2
0465	Department of Architecture	Lectures	Advanced Safety Planning of Built Environments	spring semester	Tues.	3	2
0466	Department of Architecture	Lectures	Field Survey for Architectural History	fall semester	others	others	2
0467	Department of Architecture	Lectures	Advanced Theory of Architectural Expressions	spring semester	Mon.	4	2
0468	Department of Architecture	Lectures	Advanced Continuum Mechanics	spring semester	Tues.	3	2
0469	Department of Architecture	Lectures	Advanced Topics in Architectural Design and Engineering B	fall semester	Wed.	2	2
0470	Department of Architecture	Lectures	Advanced Theory: Architectural Design and Information	fall semester	Fri.	2	2
0471	Department of Architecture	Lectures	Advanced Comparative Architectural History	fall semester	Thur.	2	2
0472	Department of Architecture	Lectures	Advanced Theory: Architectural Design Concepts	spring semester	Mon.	2	2
0473	Department of Architecture	Lectures	Advanced Theory: Architectural Space Concepts	fall semester	Thur.	5	2
0474	Department of Architecture	Lectures	Advanced Environment Media	spring semester	Mon.	2	2
0475	Department of Architecture	Lectures	Advanced Topics in Architectural Design and Engineering A	spring semester	Wed.	2	2
0476	Department of Architecture	Lectures	Advanced Structural Design	spring semester	Mon.	3	2
0477	Department of Architecture	Seminars	Seminar on Urban and Environmental Design A	spring semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0478	Department of Architecture	Seminars	Seminar on Urban and Environmental Design B	fall semester	others	others	3
0479	Department of Architecture	Seminars	Seminar on Urban and Environmental Design C	spring semester	others	others	3
0480	Department of Architecture	Seminars	Seminar on Urban and Environmental Design D	fall semester	others	others	3
0481	Department of Architecture	Seminars	Seminar on Regenerative Design of the Built Environment A	spring semester	others	others	3
0482	Department of Architecture	Seminars	Seminar on Regenerative Design of the Built Environment B	fall semester	others	others	3
0483	Department of Architecture	Seminars	Seminar on Regenerative Design of the Built Environment C	spring semester	others	others	3
0484	Department of Architecture	Seminars	Seminar on Regenerative Design of the Built Environment D	fall semester	others	others	3
0485	Department of Architecture	Seminars	Seminar on Architecture and Sociological Concepts A	spring semester	others	others	3
0486	Department of Architecture	Seminars	Seminar on Architecture and Sociological Concepts B	fall semester	others	others	3
0487	Department of Architecture	Seminars	Seminar on Architecture and Sociological Concepts C	spring semester	others	others	3
0488	Department of Architecture	Seminars	Seminar on Architecture and Sociological Concepts D	fall semester	others	others	3
0489	Department of Architecture	Seminars	Seminar on Architectural Environments A	spring semester	others	others	3
0490	Department of Architecture	Seminars	Seminar on Architectural Environments B	fall semester	others	others	3
0491	Department of Architecture	Seminars	Seminar on Architectural Environments C	spring semester	others	others	3
0492	Department of Architecture	Seminars	Seminar on Architectural Environments D	fall semester	others	others	3
0493	Department of Architecture	Seminars	Seminar on Safety Planning in Built Environments A	spring semester	others	others	3
0494	Department of Architecture	Seminars	Seminar on Safety Planning in Built Environments B	fall semester	others	others	3
0495	Department of Architecture	Seminars	Seminar on Safety Planning in Built Environments C	spring semester	others	others	3
0496	Department of Architecture	Seminars	Seminar on Safety Planning in Built Environments D	fall semester	others	others	3
0497	Department of Architecture	Seminars	Seminar on History of Architecture A	spring semester	others	others	3
0498	Department of Architecture	Seminars	Seminar on History of Architecture B	fall semester	others	others	3
0499	Department of Architecture	Seminars	Seminar on History of Architecture C	spring semester	others	others	3
0500	Department of Architecture	Seminars	Seminar on History of Architecture D	fall semester	others	others	3
0501	Department of Architecture	Seminars	Seminar on Continuum Mechanics A	spring semester	others	others	3
0502	Department of Architecture	Seminars	Seminar on Continuum Mechanics B	fall semester	others	others	3
0503	Department of Architecture	Seminars	Seminar on Continuum Mechanics C	spring semester	others	others	3
0504	Department of Architecture	Seminars	Seminar on Continuum Mechanics D	fall semester	others	others	3
0505	Department of Architecture	Seminars	Seminar on Architectural Design and Information A	spring semester	others	others	3
0506	Department of Architecture	Seminars	Seminar on Architectural Design and Information B	fall semester	others	others	3
0507	Department of Architecture	Seminars	Seminar on Architectural Design and Information C	spring semester	others	others	3
0508	Department of Architecture	Seminars	Seminar on Architectural Design and Information D	fall semester	others	others	3
0509	Department of Architecture	Seminars	Seminar on Comparative Architectural History A	spring semester	others	others	3
0510	Department of Architecture	Seminars	Seminar on Comparative Architectural History B	fall semester	others	others	3
0511	Department of Architecture	Seminars	Seminar on Comparative Architectural History C	spring semester	others	others	3
0512	Department of Architecture	Seminars	Seminar on Comparative Architectural History D	fall semester	others	others	3
0513	Department of Architecture	Seminars	Seminar on Architectural Design Concepts A	spring semester	others	others	3
0514	Department of Architecture	Seminars	Seminar on Architectural Design Concepts B	fall semester	others	others	3
0515	Department of Architecture	Seminars	Seminar on Architectural Design Concepts C	spring semester	others	others	3
0516	Department of Architecture	Seminars	Seminar on Architectural Design Concepts D	fall semester	others	others	3
0517	Department of Architecture	Seminars	Seminar on Architectural Space Concepts A	spring semester	others	others	3
0518	Department of Architecture	Seminars	Seminar on Architectural Space Concepts B	fall semester	others	others	3
0519	Department of Architecture	Seminars	Seminar on Architectural Space Concepts C	spring semester	others	others	3
0520	Department of Architecture	Seminars	Seminar on Architectural Space Concepts D	fall semester	others	others	3
0521	Department of Architecture	Seminars	Seminar on Environment Media A	spring semester	others	others	3
0522	Department of Architecture	Seminars	Seminar on Environment Media B	fall semester	others	others	3
0523	Department of Architecture	Seminars	Seminar on Environment Media C	spring semester	others	others	3
0524	Department of Architecture	Seminars	Seminar on Environment Media D	fall semester	others	others	3
0525	Department of Architecture	Seminars	Seminar on Urban-tech A	spring semester	others	others	3
0526	Department of Architecture	Seminars	Seminar on Urban-tech B	fall semester	others	others	3
0527	Department of Architecture	Seminars	Seminar on Urban-tech C	spring semester	others	others	3
0528	Department of Architecture	Seminars	Seminar on Urban-tech D	fall semester	others	others	3
0529	Department of Architecture	Seminars	Seminar on Structural Design A	spring semester	others	others	3
0530	Department of Architecture	Seminars	Seminar on Structural Design B	fall semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0531	Department of Architecture	Seminars	Seminar on Structural Design C	spring semester	others	others	3
0532	Department of Architecture	Seminars	Seminar on Structural Design D	fall semester	others	others	3
0533	Department of Architecture	Seminars	Seminar on Community Planning and Urban Theory A	spring semester	others	others	3
0534	Department of Architecture	Seminars	Seminar on Community Planning and Urban Theory B	fall semester	others	others	3
0535	Department of Architecture	Seminars	Seminar on Community Planning and Urban Theory C	spring semester	others	others	3
0536	Department of Architecture	Seminars	Seminar on Community Planning and Urban Theory D	fall semester	others	others	3
0537	Department of Modern Mechanical Engineering	Lectures	Advanced Topics in Robots and Systems A	spring semester	Thur.	4	2
0538	Department of Modern Mechanical Engineering	Lectures	Advanced Topics in Environment and Energy Conversion Engineering	fall semester	Fri.	2	2
0539	Department of Modern Mechanical Engineering	Lectures	Advanced Topics in Computational Fluid Dynamics with Chemical Reactions	spring semester	Fri.	2	2
0540	Department of Modern Mechanical Engineering	Lectures	Analysis and Discussion of Papers on Advanced Robotics	full year	Wed.	5	4
0541	Department of Modern Mechanical Engineering	Lectures	Analysis and Discussion of Papers on Advanced Robotics	full year	Tues.	5	4
0542	Department of Modern Mechanical Engineering	Lectures	Materials Science and Engineering for Space Craft	spring semester	Tues.	2	2
0543	Department of Modern Mechanical Engineering	Lectures	Image Engineering Advanced	fall semester	Tues.	3	2
0544	Department of Modern Mechanical Engineering	Lectures	Advanced Topics in Robots and Systems B	fall semester	Thur.	4	2
0545	Department of Modern Mechanical Engineering	Lectures	Seminar on Sensing in Embodiment Informatics A	spring semester	Thur.	5-6	4
0546	Department of Modern Mechanical Engineering	Lectures	Seminar on Sensing in Embodiment Informatics B	fall semester	Thur.	5-6	4
0547	Department of Modern Mechanical Engineering	Lectures	Astroparticle Physics	an intensive course(spring)	others	others	2
0548	Department of Modern Mechanical Engineering	Lectures	Lunar and planetary exploration and its science	an intensive course(spring)	others	others	2
0549	Department of Modern Mechanical Engineering	Lectures	Manufacturing of Space Structures	spring semester	Fri.	3	2
0550	Department of Modern Mechanical Engineering	Lectures	Thermal Design of Space System	fall semester	Mon.	5	2
0551	Department of Modern Mechanical Engineering	Lectures	Fluid Mechanics of Computing	an intensive course(spring)	others	others	2
0552	Department of Modern Mechanical Engineering	Lectures	Design and Control of Space Structures	an intensive course(fall)	others	others	2
0553	Department of Modern Mechanical Engineering	Lectures	Design Optimization of Space Structures	an intensive course(fall)	others	others	2
0554	Department of Modern Mechanical Engineering	Seminars	Seminar on Structural Design A	spring semester	others	others	3
0555	Department of Modern Mechanical Engineering	Seminars	Seminar on Structural Design B	fall semester	others	others	3
0556	Department of Modern Mechanical Engineering	Seminars	Seminar on Structural Design C	spring semester	others	others	3
0557	Department of Modern Mechanical Engineering	Seminars	Seminar on Structural Design D	fall semester	others	others	3
0558	Department of Modern Mechanical Engineering	Seminars	Seminar on Intelligent Biomechatronic Systems A	spring semester	others	others	3
0559	Department of Modern Mechanical Engineering	Seminars	Seminar on Intelligent Biomechatronic Systems B	fall semester	others	others	3
0560	Department of Modern Mechanical Engineering	Seminars	Seminar on Intelligent Biomechatronic Systems C	spring semester	others	others	3
0561	Department of Modern Mechanical Engineering	Seminars	Seminar on Intelligent Biomechatronic Systems D	fall semester	others	others	3
0562	Department of Modern Mechanical Engineering	Seminars	Advanced Seminar on Environment and Energy Engineering A	spring semester	others	others	3
0563	Department of Modern Mechanical Engineering	Seminars	Advanced Seminar on Environment and Energy Engineering B	fall semester	others	others	3
0564	Department of Modern Mechanical Engineering	Seminars	Seminar on Thermal Energy Reaction Engineering A	spring semester	others	others	3
0565	Department of Modern Mechanical Engineering	Seminars	Seminar on Thermal Energy Reaction Engineering B	fall semester	others	others	3
0566	Department of Modern Mechanical Engineering	Seminars	Seminar on Neuro Robotics A	spring semester	others	others	3
0567	Department of Modern Mechanical Engineering	Seminars	Seminar on Neuro Robotics B	fall semester	others	others	3
0568	Department of Modern Mechanical Engineering	Seminars	Seminar on Neuro Robotics C	spring semester	others	others	3
0569	Department of Modern Mechanical Engineering	Seminars	Seminar on Neuro Robotics D	fall semester	others	others	3
0570	Department of Modern Mechanical Engineering	Seminars	Seminar on Transporters & Energy Plants Materials A	spring semester	others	others	3
0571	Department of Modern Mechanical Engineering	Seminars	Seminar on Transporters & Energy Plants Materials B	fall semester	others	others	3
0572	Department of Modern Mechanical Engineering	Seminars	Seminar on Transporters & Energy Plants Materials C	spring semester	others	others	3
0573	Department of Modern Mechanical Engineering	Seminars	Seminar on Transporters & Energy Plants Materials D	fall semester	others	others	3
0574	Department of Modern Mechanical Engineering	Seminars	Seminar on Biorobotics A	spring semester	others	others	3
0575	Department of Modern Mechanical Engineering	Seminars	Seminar on Biorobotics B	fall semester	others	others	3
0576	Department of Modern Mechanical Engineering	Seminars	Seminar on Biorobotics C	spring semester	others	others	3
0577	Department of Modern Mechanical Engineering	Seminars	Seminar on Biorobotics D	fall semester	others	others	3
0578	Department of Modern Mechanical Engineering	Seminars	Seminar on Medical Mechanical Engineering A	spring semester	others	others	3
0579	Department of Modern Mechanical Engineering	Seminars	Seminar on Medical Mechanical Engineering B	fall semester	others	others	3
0580	Department of Modern Mechanical Engineering	Seminars	Seminar on Medical Mechanical Engineering C	spring semester	others	others	3
0581	Department of Modern Mechanical Engineering	Seminars	Seminar on Medical Mechanical Engineering D	fall semester	others	others	3
0582	Department of Modern Mechanical Engineering	Seminars	Seminar on Exergy Engineering A	spring semester	others	others	3
0583	Department of Modern Mechanical Engineering	Seminars	Seminar on Exergy Engineering B	fall semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0584	Department of Modern Mechanical Engineering	Seminars	Seminar on Human-being Design A	spring semester	others	others	3
0585	Department of Modern Mechanical Engineering	Seminars	Seminar on Human-being Design B	fall semester	others	others	3
0586	Department of Modern Mechanical Engineering	Seminars	Seminar on Human-being Design C	spring semester	others	others	3
0587	Department of Modern Mechanical Engineering	Seminars	Seminar on Human-being Design D	fall semester	others	others	3
0588	Department of Modern Mechanical Engineering	Seminars	Seminar on Image Engineering A	spring semester	others	others	3
0589	Department of Modern Mechanical Engineering	Seminars	Seminar on Image Engineering B	fall semester	others	others	3
0590	Department of Modern Mechanical Engineering	Seminars	Seminar on Image Engineering C	spring semester	others	others	3
0591	Department of Modern Mechanical Engineering	Seminars	Seminar on Image Engineering D	fall semester	others	others	3
0592	Department of Modern Mechanical Engineering	Seminars	Seminars on Applied Mechanics of Fluid-Structure Interactions A	spring semester	others	others	3
0593	Department of Modern Mechanical Engineering	Seminars	Seminars on Applied Mechanics of Fluid-Structure Interactions B	fall semester	others	others	3
0594	Department of Modern Mechanical Engineering	Seminars	Seminars on Applied Mechanics of Fluid-Structure Interactions C	spring semester	others	others	3
0595	Department of Modern Mechanical Engineering	Seminars	Seminars on Applied Mechanics of Fluid-Structure Interactions D	fall semester	others	others	3
0596	Department of Modern Mechanical Engineering	Seminars	Seminar on Technology on Micro/Nano Fabrication A	spring semester	others	others	3
0597	Department of Modern Mechanical Engineering	Seminars	Seminar on Technology on Micro/Nano Fabrication B	fall semester	others	others	3
0598	Department of Modern Mechanical Engineering	Seminars	Seminar on Technology on Micro/Nano Fabrication C	spring semester	others	others	3
0599	Department of Modern Mechanical Engineering	Seminars	Seminar on Technology on Micro/Nano Fabrication D	fall semester	others	others	3
0600	Department of Modern Mechanical Engineering	Seminars	Seminar on Mechanical Interaction Design A	spring semester	others	others	3
0601	Department of Modern Mechanical Engineering	Seminars	Seminar on Mechanical Interaction Design B	fall semester	others	others	3
0602	Department of Modern Mechanical Engineering	Seminars	Seminar on Mechanical Interaction Design C	spring semester	others	others	3
0603	Department of Modern Mechanical Engineering	Seminars	Seminar on Mechanical Interaction Design D	fall semester	others	others	3
0604	Department of Modern Mechanical Engineering	Seminars	Seminar on Fluid Mechanics of Computational Analysis A	spring semester	others	others	3
0605	Department of Modern Mechanical Engineering	Seminars	Seminar on Fluid Mechanics of Computational Analysis B	fall semester	others	others	3
0606	Department of Modern Mechanical Engineering	Seminars	Seminar on Fluid Mechanics of Computational Analysis C	spring semester	others	others	3
0607	Department of Modern Mechanical Engineering	Seminars	Seminar on Fluid Mechanics of Computational Analysis D	fall semester	others	others	3
0608	Department of Modern Mechanical Engineering	Seminars	Seminar on Systems Mechanics A	spring semester	others	others	3
0609	Department of Modern Mechanical Engineering	Seminars	Seminar on Systems Mechanics B	fall semester	others	others	3
0610	Department of Modern Mechanical Engineering	Seminars	Seminar on Systems Mechanics C	spring semester	others	others	3
0611	Department of Modern Mechanical Engineering	Seminars	Seminar on Systems Mechanics D	fall semester	others	others	3
0612	Department of Modern Mechanical Engineering	Seminars	Seminar on Adaptive Robotics A	spring semester	others	others	3
0613	Department of Modern Mechanical Engineering	Seminars	Seminar on Adaptive Robotics B	fall semester	others	others	3
0614	Department of Modern Mechanical Engineering	Seminars	Seminar on Adaptive Robotics C	spring semester	others	others	3
0615	Department of Modern Mechanical Engineering	Seminars	Seminar on Adaptive Robotics D	fall semester	others	others	3
0616	Department of Civil and Environmental Engineering	Lectures	Urban Studies and Planning A	fall semester	Thur.	2	2
0617	Department of Civil and Environmental Engineering	Lectures	Advanced Structures and Materials	fall semester	Tues.	4	2
0618	Department of Civil and Environmental Engineering	Lectures	Advanced Soil Mechanics A	spring semester	Fri.	2	2
0619	Department of Civil and Environmental Engineering	Lectures	Coastal Disaster Prevention	spring semester	Wed.	3	2
0620	Department of Civil and Environmental Engineering	Lectures	Infrastructure Management	fall semester	Mon.	2	2
0621	Department of Civil and Environmental Engineering	Lectures	Advanced Topics in Water and Environmental Engineering	fall semester	Wed.	5	2
0622	Department of Civil and Environmental Engineering	Lectures	Advanced Soil Mechanics B	fall semester	Fri.	2	2
0623	Department of Civil and Environmental Engineering	Lectures	Advanced Coastal Engineering	spring semester	Mon.	2	2
0624	Department of Civil and Environmental Engineering	Lectures	Steel Material and Structure	spring semester	Tues.	4	2
0625	Department of Civil and Environmental Engineering	Lectures	International Development and Planning	spring semester	Thur.	5	2
0626	Department of Civil and Environmental Engineering	Lectures	Practical City Planning and Design A	spring semester	others	others	3
0627	Department of Civil and Environmental Engineering	Lectures	Practical City Planning and Design B	fall semester	others	others	3
0628	Department of Civil and Environmental Engineering	Lectures	Traffic and Safety Sciences	fall semester	Wed.	3	2
0629	Department of Civil and Environmental Engineering	Lectures	Sustainable Development Goals (SDGs)	fall semester	Thur.	5	2
0630	Department of Civil and Environmental Engineering	Seminars	Seminar on Transportation Studies and Planning A	spring semester	others	others	3
0631	Department of Civil and Environmental Engineering	Seminars	Seminar on Transportation Studies and Planning B	fall semester	others	others	3
0632	Department of Civil and Environmental Engineering	Seminars	Seminar on Transportation Studies and Planning C	spring semester	others	others	3
0633	Department of Civil and Environmental Engineering	Seminars	Seminar on Transportation Studies and Planning D	fall semester	others	others	3
0634	Department of Civil and Environmental Engineering	Seminars	Seminar on City and Regional Planning A	spring semester	others	others	3
0635	Department of Civil and Environmental Engineering	Seminars	Seminar on City and Regional Planning B	fall semester	others	others	3
0636	Department of Civil and Environmental Engineering	Seminars	Seminar on City and Regional Planning C	spring semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0637	Department of Civil and Environmental Engineering	Seminars	Seminar on City and Regional Planning D	fall semester	others	others	3
0638	Department of Civil and Environmental Engineering	Seminars	Seminar on Landscape and Aesthetics of Infrastructure A	spring semester	others	others	3
0639	Department of Civil and Environmental Engineering	Seminars	Seminar on Landscape and Aesthetics of Infrastructure B	fall semester	others	others	3
0640	Department of Civil and Environmental Engineering	Seminars	Seminar on Landscape and Aesthetics of Infrastructure C	spring semester	others	others	3
0641	Department of Civil and Environmental Engineering	Seminars	Seminar on Landscape and Aesthetics of Infrastructure D	fall semester	others	others	3
0642	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Mechanics A	spring semester	others	others	3
0643	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Mechanics B	fall semester	others	others	3
0644	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Mechanics C	spring semester	others	others	3
0645	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Mechanics D	fall semester	others	others	3
0646	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Engineering A	spring semester	others	others	3
0647	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Engineering B	fall semester	others	others	3
0648	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Engineering C	spring semester	others	others	3
0649	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Engineering D	fall semester	others	others	3
0650	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Design A	spring semester	others	others	3
0651	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Design B	fall semester	others	others	3
0652	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Design C	spring semester	others	others	3
0653	Department of Civil and Environmental Engineering	Seminars	Seminar on Structural Design D	fall semester	others	others	3
0654	Department of Civil and Environmental Engineering	Seminars	Seminar on Geotechnical Engineering A	spring semester	others	others	3
0655	Department of Civil and Environmental Engineering	Seminars	Seminar on Geotechnical Engineering B	fall semester	others	others	3
0656	Department of Civil and Environmental Engineering	Seminars	Seminar on Geotechnical Engineering C	spring semester	others	others	3
0657	Department of Civil and Environmental Engineering	Seminars	Seminar on Geotechnical Engineering D	fall semester	others	others	3
0658	Department of Civil and Environmental Engineering	Seminars	Seminar on Soil Mechanics A	spring semester	others	others	3
0659	Department of Civil and Environmental Engineering	Seminars	Seminar on Soil Mechanics B	fall semester	others	others	3
0660	Department of Civil and Environmental Engineering	Seminars	Seminar on Soil Mechanics C	spring semester	others	others	3
0661	Department of Civil and Environmental Engineering	Seminars	Seminar on Soil Mechanics D	fall semester	others	others	3
0662	Department of Civil and Environmental Engineering	Seminars	Seminar on Coastal Engineering and Management A	spring semester	others	others	3
0663	Department of Civil and Environmental Engineering	Seminars	Seminar on Coastal Engineering and Management B	fall semester	others	others	3
0664	Department of Civil and Environmental Engineering	Seminars	Seminar on Coastal Engineering and Management C	spring semester	others	others	3
0665	Department of Civil and Environmental Engineering	Seminars	Seminar on Coastal Engineering and Management D	fall semester	others	others	3
0666	Department of Civil and Environmental Engineering	Seminars	Seminar on River Engineering A	spring semester	others	others	3
0667	Department of Civil and Environmental Engineering	Seminars	Seminar on River Engineering B	fall semester	others	others	3
0668	Department of Civil and Environmental Engineering	Seminars	Seminar on River Engineering C	spring semester	others	others	3
0669	Department of Civil and Environmental Engineering	Seminars	Seminar on River Engineering D	fall semester	others	others	3
0670	Department of Civil and Environmental Engineering	Seminars	Seminar on Water Quality Engineering A	spring semester	others	others	3
0671	Department of Civil and Environmental Engineering	Seminars	Seminar on Water Quality Engineering B	fall semester	others	others	3
0672	Department of Civil and Environmental Engineering	Seminars	Seminar on Water Quality Engineering C	spring semester	others	others	3
0673	Department of Civil and Environmental Engineering	Seminars	Seminar on Water Quality Engineering D	fall semester	others	others	3
0674	Department of Civil and Environmental Engineering	Seminars	Seminar on Concrete Structure A	spring semester	others	others	3
0675	Department of Civil and Environmental Engineering	Seminars	Seminar on Concrete Structure B	fall semester	others	others	3
0676	Department of Civil and Environmental Engineering	Seminars	Seminar on Concrete Structure C	spring semester	others	others	3
0677	Department of Civil and Environmental Engineering	Seminars	Seminar on Concrete Structure D	fall semester	others	others	3
0678	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Advanced Environmental Interface Engineering	fall semester	Mon.	2	2
0679	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Material Flow Analysis for Social System Design	spring semester	Thur.	1	2
0680	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Advanced Reservoir Engineering	spring semester	Tues.	2	2
0681	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Enhanced Oil Recovery	an intensive course(fall)	Tues.	3	2
0682	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Advanced Numerical Rock Mechanics	spring semester	Mon.	2	2
0683	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Advanced Topics on Resources Recycling	fall semester	Tues.	1	2
0684	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Advanced Topics in Earth and Environmental Science	an intensive course(spring)	others	others	2
0685	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Advanced Topics on Geo-Environmental Science	spring semester	Wed.	2	2
0686	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Advanced Topics in Atmospheric Science	spring semester	Wed.	5	2
0687	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Complex Analysis for Engineering	an intensive course(fall)	others	others	2
0688	Department of Earth Sciences Resources and Environmental Engineering	Lectures	Isotope geochemistry	fall semester	Thur.	5	2
0689	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Geo-Environmental Science A	spring semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0690	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Geo-Environmental Science B	fall semester	others	others	3
0691	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Geo-Environmental Science C	spring semester	others	others	3
0692	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Geo-Environmental Science D	fall semester	others	others	3
0693	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Petroleum Engineering A	spring semester	others	others	3
0694	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Petroleum Engineering B	fall semester	others	others	3
0695	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Petroleum Engineering C	spring semester	others	others	3
0696	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Petroleum Engineering D	fall semester	others	others	3
0697	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Resources Recycling Engineering A	spring semester	others	others	3
0698	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Resources Recycling Engineering B	fall semester	others	others	3
0699	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Resources Recycling Engineering C	spring semester	others	others	3
0700	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Resources Recycling Engineering D	fall semester	others	others	3
0701	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Environmental Purification and Resources Processing A	spring semester	others	others	3
0702	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Environmental Purification and Resources Processing B	fall semester	others	others	3
0703	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Environmental Purification and Resources Processing C	spring semester	others	others	3
0704	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Environmental Purification and Resources Processing D	fall semester	others	others	3
0705	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Atmospheric and Aquatic Chemistry A	spring semester	others	others	3
0706	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Atmospheric and Aquatic Chemistry B	fall semester	others	others	3
0707	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Atmospheric and Aquatic Chemistry C	spring semester	others	others	3
0708	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Atmospheric and Aquatic Chemistry D	fall semester	others	others	3
0709	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Geomechanics and Petroleum Production Engineering A	spring semester	others	others	3
0710	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Geomechanics and Petroleum Production Engineering B	fall semester	others	others	3
0711	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Geomechanics and Petroleum Production Engineering C	spring semester	others	others	3
0712	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Geomechanics and Petroleum Production Engineering D	fall semester	others	others	3
0713	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Exploration Geophysics A	spring semester	others	others	3
0714	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Exploration Geophysics B	fall semester	others	others	3
0715	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Exploration Geophysics C	spring semester	others	others	3
0716	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Exploration Geophysics D	fall semester	others	others	3
0717	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Environmental and Occupational Hygiene A	spring semester	others	others	3
0718	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Environmental and Occupational Hygiene B	fall semester	others	others	3
0719	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Environmental and Occupational Hygiene C	spring semester	others	others	3
0720	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Environmental and Occupational Hygiene D	fall semester	others	others	3
0721	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Planetary Science A	spring semester	others	others	3
0722	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Planetary Science B	fall semester	others	others	3
0723	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Planetary Science C	spring semester	others	others	3
0724	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Planetary Science D	fall semester	others	others	3
0725	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Extractive Metallurgy and Materials Processing Engineering A	spring semester	others	others	3
0726	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Extractive Metallurgy and Materials Processing Engineering B	fall semester	others	others	3
0727	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Extractive Metallurgy and Materials Processing Engineering C	spring semester	others	others	3
0728	Department of Earth Sciences Resources and Environmental Engineering	Seminars	Seminar on Extractive Metallurgy and Materials Processing Engineering D	fall semester	others	others	3
0729	Department of Pure and Applied Physics	Lectures	Advanced Elementary Particle Physics A	spring semester	Tues.	3	2
0730	Department of Pure and Applied Physics	Lectures	Advanced Elementary Particle Physics B	fall semester	Wed.	3	2
0731	Department of Pure and Applied Physics	Lectures	Nuclear Astrophysics	spring semester	Mon.	3	2
0732	Department of Pure and Applied Physics	Lectures	Advanced Cosmology	spring quarter	Wed.	4-5	2
0733	Department of Pure and Applied Physics	Lectures	Elementary Processes in Astrophysical Phenomena B	fall semester	Mon.	2	2
0734	Department of Pure and Applied Physics	Lectures	Experimental High Energy Particle Physics A	fall semester	Wed.	3	2
0735	Department of Pure and Applied Physics	Lectures	Advanced Statistical Physics	fall semester	Fri.	3	2
0736	Department of Pure and Applied Physics	Lectures	Quantum Physics of Matter A	spring semester	Wed.	4	2
0737	Department of Pure and Applied Physics	Lectures	Soft Condensed Matter Physics (Experiment)	spring semester	Mon.	2	2
0738	Department of Pure and Applied Physics	Lectures	Particle Accelerator Applications	fall semester	Fri.	3	2
0739	Department of Pure and Applied Physics	Lectures	Measurement and Information Technology	spring semester	Wed.	1	2
0740	Department of Pure and Applied Physics	Lectures	Integrated and Guided Optics	fall semester	Fri.	3	2
0741	Department of Pure and Applied Physics	Lectures	Image Processing	an intensive course(spring)	others	others	2
0742	Department of Pure and Applied Physics	Lectures	Advanced Quantum Optics	spring semester	Mon.	3	2

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0743	Department of Pure and Applied Physics	Lectures	Advanced Theoretical Quantum Physics B	spring semester	Mon.	5	2
0744	Department of Pure and Applied Physics	Lectures	Intense Laser Physics	fall semester	Tues.	6	2
0745	Department of Pure and Applied Physics	Lectures	Physics of Non-Equilibrium Systems B	fall semester	Thur.	2	2
0746	Department of Pure and Applied Physics	Lectures	Strongly Correlated Electron Physics	fall semester	Fri.	2	2
0747	Department of Pure and Applied Physics	Lectures	Surface and Interface Physics	fall semester	Tues.	2	2
0748	Department of Pure and Applied Physics	Lectures	Advanced radiation measurements	fall semester	Fri.	2	2
0749	Department of Pure and Applied Physics	Lectures	Formation and Evolution of Astronomical Objects A	spring semester	Tues.	4	2
0750	Department of Pure and Applied Physics	Lectures	Advanced Theory of Partial Differential Equations	fall semester	Fri.	4	2
0751	Department of Pure and Applied Physics	Lectures	Computational Biophysics	fall semester	Mon.	6	2
0752	Department of Pure and Applied Physics	Lectures	Molecular Biophysics	spring semester	Tues.	5	2
0753	Department of Pure and Applied Physics	Seminars	Seminar on Mathematical Physics C	spring semester	others	others	3
0754	Department of Pure and Applied Physics	Seminars	Seminar on Mathematical Physics D	fall semester	others	others	3
0755	Department of Pure and Applied Physics	Seminars	Seminar on Theoretical Particle Physics A	spring semester	others	others	3
0756	Department of Pure and Applied Physics	Seminars	Seminar on Theoretical Particle Physics B	fall semester	others	others	3
0757	Department of Pure and Applied Physics	Seminars	Seminar on Theoretical Nuclear Physics A	spring semester	others	others	3
0758	Department of Pure and Applied Physics	Seminars	Seminar on Theoretical Nuclear Physics B	fall semester	others	others	3
0759	Department of Pure and Applied Physics	Seminars	Seminar on Theoretical Foundations of Quantum Mechanics A	spring semester	others	others	3
0760	Department of Pure and Applied Physics	Seminars	Seminar on Theoretical Foundations of Quantum Mechanics B	fall semester	others	others	3
0761	Department of Pure and Applied Physics	Seminars	Seminar on High Energy Astrophysics A	spring semester	others	others	3
0762	Department of Pure and Applied Physics	Seminars	Seminar on High Energy Astrophysics B	fall semester	others	others	3
0763	Department of Pure and Applied Physics	Seminars	Seminar on Gravitational Physics A	spring semester	others	others	3
0764	Department of Pure and Applied Physics	Seminars	Seminar on Gravitational Physics B	fall semester	others	others	3
0765	Department of Pure and Applied Physics	Seminars	Seminar on Mathematics of Pattern Formation A	spring semester	others	others	3
0766	Department of Pure and Applied Physics	Seminars	Seminar on Mathematics of Pattern Formation B	fall semester	others	others	3
0767	Department of Pure and Applied Physics	Seminars	Seminar on Quantum Physics of Complex Systems C	spring semester	others	others	3
0768	Department of Pure and Applied Physics	Seminars	Seminar on Quantum Physics of Complex Systems D	fall semester	others	others	3
0769	Department of Pure and Applied Physics	Seminars	Seminar on Soft Matter Physics A	spring semester	others	others	3
0770	Department of Pure and Applied Physics	Seminars	Seminar on Soft Matter Physics B	fall semester	others	others	3
0771	Department of Pure and Applied Physics	Seminars	Seminar on Experimental Biophysics A	spring semester	others	others	3
0772	Department of Pure and Applied Physics	Seminars	Seminar on Experimental Biophysics B	fall semester	others	others	3
0773	Department of Pure and Applied Physics	Seminars	Seminar on Molecular Biophysics A	spring semester	others	others	3
0774	Department of Pure and Applied Physics	Seminars	Seminar on Molecular Biophysics B	fall semester	others	others	3
0775	Department of Pure and Applied Physics	Seminars	Seminar on Simulations in Biophysics A	spring semester	others	others	3
0776	Department of Pure and Applied Physics	Seminars	Seminar on Simulations in Biophysics B	fall semester	others	others	3
0777	Department of Pure and Applied Physics	Seminars	Seminar on Accelerator Applications C	spring semester	others	others	3
0778	Department of Pure and Applied Physics	Seminars	Seminar on Accelerator Applications D	fall semester	others	others	3
0779	Department of Pure and Applied Physics	Seminars	Seminar on Semiconductor Devices A	spring semester	others	others	3
0780	Department of Pure and Applied Physics	Seminars	Seminar on Semiconductor Devices B	fall semester	others	others	3
0781	Department of Pure and Applied Physics	Seminars	Seminar on Measurement and Information Technology C	spring semester	others	others	3
0782	Department of Pure and Applied Physics	Seminars	Seminar on Measurement and Information Technology D	fall semester	others	others	3
0783	Department of Pure and Applied Physics	Seminars	Seminar on Image Processing C	spring semester	others	others	3
0784	Department of Pure and Applied Physics	Seminars	Seminar on Image Processing D	fall semester	others	others	3
0785	Department of Pure and Applied Physics	Seminars	Seminar on Applied Radiation Physics A	spring semester	others	others	3
0786	Department of Pure and Applied Physics	Seminars	Seminar on Applied Radiation Physics B	fall semester	others	others	3
0787	Department of Pure and Applied Physics	Seminars	Seminar on Experimental Particle Physics A	spring semester	others	others	3
0788	Department of Pure and Applied Physics	Seminars	Seminar on Experimental Particle Physics B	fall semester	others	others	3
0789	Department of Pure and Applied Physics	Seminars	Seminar on Theoretical Quantum Physics C	spring semester	others	others	3
0790	Department of Pure and Applied Physics	Seminars	Seminar on Theoretical Quantum Physics D	fall semester	others	others	3
0791	Department of Pure and Applied Physics	Seminars	Seminar on Atomic Molecular and Optical Physics C	spring semester	others	others	3
0792	Department of Pure and Applied Physics	Seminars	Seminar on Atomic Molecular and Optical Physics D	fall semester	others	others	3
0793	Department of Pure and Applied Physics	Seminars	Seminar on Quantum Optics C	spring semester	others	others	3
0794	Department of Pure and Applied Physics	Seminars	Seminar on Quantum Optics D	fall semester	others	others	3
0795	Department of Pure and Applied Physics	Seminars	Seminar on Nonlinear Physics C	spring semester	others	others	3

Course List
 AOAdmission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0796	Department of Pure and Applied Physics	Seminars	Seminar on Nonlinear Physics D	fall semester	others	others	3
0797	Department of Pure and Applied Physics	Seminars	Seminar on Electronic Correlation Physics A	spring semester	others	others	3
0798	Department of Pure and Applied Physics	Seminars	Seminar on Electronic Correlation Physics B	fall semester	others	others	3
0799	Department of Pure and Applied Physics	Seminars	Seminar on Surface and Interface Non-equilibrium Physics A	spring semester	others	others	3
0800	Department of Pure and Applied Physics	Seminars	Seminar on Surface and Interface Non-equilibrium Physics B	fall semester	others	others	3
0801	Department of Pure and Applied Physics	Seminars	Seminar on Emergent Materials Physics A	spring semester	others	others	3
0802	Department of Pure and Applied Physics	Seminars	Seminar on Emergent Materials Physics B	fall semester	others	others	3
0803	Department of Pure and Applied Physics	Seminars	Seminar on Integrated Optical Devices C	spring semester	others	others	3
0804	Department of Pure and Applied Physics	Seminars	Seminar on Integrated Optical Devices D	fall semester	others	others	3
0805	Department of Pure and Applied Physics	Seminars	Seminar on Observational Astrophysics A	spring semester	others	others	3
0806	Department of Pure and Applied Physics	Seminars	Seminar on Observational Astrophysics B	fall semester	others	others	3
0807	Department of Pure and Applied Physics	Seminars	Seminar on Mathematical Physics A	spring semester	others	others	3
0808	Department of Pure and Applied Physics	Seminars	Seminar on Mathematical Physics B	fall semester	others	others	3
0809	Department of Pure and Applied Physics	Seminars	Seminar on Low-Dimensional Physics C	spring semester	others	others	3
0810	Department of Pure and Applied Physics	Seminars	Seminar on Low-Dimensional Physics D	fall semester	others	others	3
0811	Department of Chemistry and Biochemistry	Lectures	Advanced Electronic State Theory	fall semester	Fri.	3	2
0812	Department of Chemistry and Biochemistry	Lectures	Advanced Synthetic Chemistry	fall semester	Mon.	5	2
0813	Department of Chemistry and Biochemistry	Lectures	Advanced Reaction Organic Chemistry	spring semester	Fri.	6	2
0814	Department of Chemistry and Biochemistry	Lectures	Advanced Inorganic Reaction Chemistry	fall semester	Tues.	3	2
0815	Department of Chemistry and Biochemistry	Lectures	Advanced Molecular Biology	spring semester	Thur.	5	2
0816	Department of Chemistry and Biochemistry	Lectures	Assessment and Design of Chemical Technologies I	an intensive course(fall)	others	others	2
0817	Department of Chemistry and Biochemistry	Lectures	Assessment and Design of Chemical Technologies II	an intensive course(spring)	others	others	2
0818	Department of Chemistry and Biochemistry	Seminars	Seminar on Structural Chemistry A	spring semester	others	others	3
0819	Department of Chemistry and Biochemistry	Seminars	Seminar on Structural Chemistry B	fall semester	others	others	3
0820	Department of Chemistry and Biochemistry	Seminars	Seminar on Structural Chemistry C	spring semester	others	others	3
0821	Department of Chemistry and Biochemistry	Seminars	Seminar on Structural Chemistry D	fall semester	others	others	3
0822	Department of Chemistry and Biochemistry	Seminars	Seminar on Electronic State Theory A	spring semester	others	others	3
0823	Department of Chemistry and Biochemistry	Seminars	Seminar on Electronic State Theory B	fall semester	others	others	3
0824	Department of Chemistry and Biochemistry	Seminars	Seminar on Electronic State Theory C	spring semester	others	others	3
0825	Department of Chemistry and Biochemistry	Seminars	Seminar on Electronic State Theory D	fall semester	others	others	3
0826	Department of Chemistry and Biochemistry	Seminars	Seminar on Chemical Synthesis Methods A	spring semester	others	others	3
0827	Department of Chemistry and Biochemistry	Seminars	Seminar on Chemical Synthesis Methods B	fall semester	others	others	3
0828	Department of Chemistry and Biochemistry	Seminars	Seminar on Chemical Synthesis Methods C	spring semester	others	others	3
0829	Department of Chemistry and Biochemistry	Seminars	Seminar on Chemical Synthesis Methods D	fall semester	others	others	3
0830	Department of Chemistry and Biochemistry	Seminars	Seminar on Functional Organic Chemistry A	spring semester	others	others	3
0831	Department of Chemistry and Biochemistry	Seminars	Seminar on Functional Organic Chemistry B	fall semester	others	others	3
0832	Department of Chemistry and Biochemistry	Seminars	Seminar on Functional Organic Chemistry C	spring semester	others	others	3
0833	Department of Chemistry and Biochemistry	Seminars	Seminar on Functional Organic Chemistry D	fall semester	others	others	3
0834	Department of Chemistry and Biochemistry	Seminars	Seminar on Reaction Organic Chemistry A	spring semester	others	others	3
0835	Department of Chemistry and Biochemistry	Seminars	Seminar on Reaction Organic Chemistry B	fall semester	others	others	3
0836	Department of Chemistry and Biochemistry	Seminars	Seminar on Reaction Organic Chemistry C	spring semester	others	others	3
0837	Department of Chemistry and Biochemistry	Seminars	Seminar on Reaction Organic Chemistry D	fall semester	others	others	3
0838	Department of Chemistry and Biochemistry	Seminars	Seminar on Inorganic Reaction Chemistry A	spring semester	others	others	3
0839	Department of Chemistry and Biochemistry	Seminars	Seminar on Inorganic Reaction Chemistry B	fall semester	others	others	3
0840	Department of Chemistry and Biochemistry	Seminars	Seminar on Inorganic Reaction Chemistry C	spring semester	others	others	3
0841	Department of Chemistry and Biochemistry	Seminars	Seminar on Inorganic Reaction Chemistry D	fall semester	others	others	3
0842	Department of Chemistry and Biochemistry	Seminars	Seminar on Coordination Chemistry A	spring semester	others	others	3
0843	Department of Chemistry and Biochemistry	Seminars	Seminar on Coordination Chemistry B	fall semester	others	others	3
0844	Department of Chemistry and Biochemistry	Seminars	Seminar on Coordination Chemistry C	spring semester	others	others	3
0845	Department of Chemistry and Biochemistry	Seminars	Seminar on Coordination Chemistry D	fall semester	others	others	3
0846	Department of Chemistry and Biochemistry	Seminars	Seminar on Biomolecular Chemistry A	spring semester	others	others	3
0847	Department of Chemistry and Biochemistry	Seminars	Seminar on Biomolecular Chemistry B	fall semester	others	others	3
0848	Department of Chemistry and Biochemistry	Seminars	Seminar on Biomolecular Chemistry C	spring semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0849	Department of Chemistry and Biochemistry	Seminars	Seminar on Biomolecular Chemistry D	fall semester	others	others	3
0850	Department of Chemistry and Biochemistry	Seminars	Seminar on Chemical Biology A	spring semester	others	others	3
0851	Department of Chemistry and Biochemistry	Seminars	Seminar on Chemical Biology B	fall semester	others	others	3
0852	Department of Chemistry and Biochemistry	Seminars	Seminar on Chemical Biology C	spring semester	others	others	3
0853	Department of Chemistry and Biochemistry	Seminars	Seminar on Chemical Biology D	fall semester	others	others	3
0854	Department of Chemistry and Biochemistry	Seminars	Seminar on Molecular Biology A	spring semester	others	others	3
0855	Department of Chemistry and Biochemistry	Seminars	Seminar on Molecular Biology B	fall semester	others	others	3
0856	Department of Chemistry and Biochemistry	Seminars	Seminar on Molecular Biology C	spring semester	others	others	3
0857	Department of Chemistry and Biochemistry	Seminars	Seminar on Molecular Biology D	fall semester	others	others	3
0858	Department of Chemistry and Biochemistry	Seminars	Seminar on Photo Physical Chemistry A	spring semester	others	others	3
0859	Department of Chemistry and Biochemistry	Seminars	Seminar on Photo Physical Chemistry B	fall semester	others	others	3
0860	Department of Chemistry and Biochemistry	Seminars	Seminar on Photo Physical Chemistry C	spring semester	others	others	3
0861	Department of Chemistry and Biochemistry	Seminars	Seminar on Photo Physical Chemistry D	fall semester	others	others	3
0862	Department of Applied Chemistry	Lectures	Advanced Inorganic Chemistry	spring semester	Fri.	2	2
0863	Department of Applied Chemistry	Lectures	Advanced Physical Chemistry A	spring semester	Thur.	2	2
0864	Department of Applied Chemistry	Lectures	Advanced Physical Chemistry B	spring semester	Tues.	1	2
0865	Department of Applied Chemistry	Lectures	Advanced Organic Chemistry A	spring semester	Tues.	5	2
0866	Department of Applied Chemistry	Lectures	Advanced Organic Chemistry B	spring semester	Thur.	1	2
0867	Department of Applied Chemistry	Lectures	Advanced Chemical Engineering A	spring semester	Mon.	2	2
0868	Department of Applied Chemistry	Lectures	Advanced Chemical Engineering B	spring semester	Mon.	4	2
0869	Department of Applied Chemistry	Lectures	Advanced Biochemistry	spring semester	Mon.	3	2
0870	Department of Applied Chemistry	Lectures	Assessment and Design of Chemical Technologies I	an intensive course(fall)	others	others	2
0871	Department of Applied Chemistry	Lectures	Assessment and Design of Chemical Technologies II	an intensive course(spring)	others	others	2
0872	Department of Applied Chemistry	Lectures	Advanced Energy Materials A	fall quarter	Fri.	5	1
0873	Department of Applied Chemistry	Lectures	Advanced Energy Materials B	winter quarter	Fri.	5	1
0874	Department of Applied Chemistry	Seminars	Seminar on Inorganic Solid State Chemistry A	spring semester	others	others	3
0875	Department of Applied Chemistry	Seminars	Seminar on Inorganic Solid State Chemistry B	fall semester	others	others	3
0876	Department of Applied Chemistry	Seminars	Seminar on Inorganic Materials Chemistry A	spring semester	others	others	3
0877	Department of Applied Chemistry	Seminars	Seminar on Inorganic Materials Chemistry B	fall semester	others	others	3
0878	Department of Applied Chemistry	Seminars	Seminar on Polymer Materials A	spring semester	others	others	3
0879	Department of Applied Chemistry	Seminars	Seminar on Polymer Materials B	fall semester	others	others	3
0880	Department of Applied Chemistry	Seminars	Seminar on Biopolymers A	spring semester	others	others	3
0881	Department of Applied Chemistry	Seminars	Seminar on Biopolymers B	fall semester	others	others	3
0882	Department of Applied Chemistry	Seminars	Seminar on Energy and Fuel A	spring semester	others	others	3
0883	Department of Applied Chemistry	Seminars	Seminar on Energy and Fuel B	fall semester	others	others	3
0884	Department of Applied Chemistry	Seminars	Seminar on Organic Catalytic Reactions A	spring semester	others	others	3
0885	Department of Applied Chemistry	Seminars	Seminar on Organic Catalytic Reactions B	fall semester	others	others	3
0886	Department of Applied Chemistry	Seminars	Seminar on Applied Biochemistry A	spring semester	others	others	3
0887	Department of Applied Chemistry	Seminars	Seminar on Applied Biochemistry B	fall semester	others	others	3
0888	Department of Applied Chemistry	Seminars	Seminar on Applied Bioscience A	spring semester	others	others	3
0889	Department of Applied Chemistry	Seminars	Seminar on Applied Bioscience B	fall semester	others	others	3
0890	Department of Applied Chemistry	Seminars	Seminar on Separation Engineering A	spring semester	others	others	3
0891	Department of Applied Chemistry	Seminars	Seminar on Separation Engineering B	fall semester	others	others	3
0892	Department of Applied Chemistry	Seminars	Seminar on Synthetic Organic Chemistry A	spring semester	others	others	3
0893	Department of Applied Chemistry	Seminars	Seminar on Synthetic Organic Chemistry B	fall semester	others	others	3
0894	Department of Applied Chemistry	Seminars	Seminar on Advanced Molecular Design A	spring semester	others	others	3
0895	Department of Applied Chemistry	Seminars	Seminar on Advanced Molecular Design B	fall semester	others	others	3
0896	Department of Applied Chemistry	Seminars	Seminar on Electronic Materials Chemistry A	spring semester	others	others	3
0897	Department of Applied Chemistry	Seminars	Seminar on Electronic Materials Chemistry B	fall semester	others	others	3
0898	Department of Applied Chemistry	Seminars	Seminar on Physical Electrochemistry A	spring semester	others	others	3
0899	Department of Applied Chemistry	Seminars	Seminar on Physical Electrochemistry B	fall semester	others	others	3
0900	Department of Applied Chemistry	Seminars	Seminar on Material Process Engineering A	spring semester	others	others	3
0901	Department of Applied Chemistry	Seminars	Seminar on Material Process Engineering B	fall semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0902	Department of Applied Chemistry	Seminars	Seminar on Energy Materials A	spring semester	others	others	3
0903	Department of Applied Chemistry	Seminars	Seminar on Energy Materials B	fall semester	others	others	3
0904	Department of Life Science and Medical Bioscience	Lectures	Advanced Neuroscience	spring semester	Mon.	4	2
0905	Department of Life Science and Medical Bioscience	Lectures	Advanced Solid State Bioscience	spring semester	Mon.	5	2
0906	Department of Life Science and Medical Bioscience	Lectures	Advanced Molecular Oncology B	an intensive course(spring)	others	others	1
0907	Department of Life Science and Medical Bioscience	Lectures	Advanced Medical Biochemistry	an intensive course(spring)	others	others	1
0908	Department of Life Science and Medical Bioscience	Lectures	Advanced Topics on Biomolecular Assembly	fall semester	Thur.	1	2
0909	Department of Life Science and Medical Bioscience	Lectures	Advanced Bioengineering	fall quarter	others	On demand	1
0910	Department of Life Science and Medical Bioscience	Lectures	Advanced Biomolecular Science and Engineering (Life Science and Medical Bioscience)	fall quarter	Mon.	3-4	2
0911	Department of Life Science and Medical Bioscience	Lectures	Brain Science Lecture A	fall semester	Tues.	5-6	2
0912	Department of Life Science and Medical Bioscience	Lectures	Brain Science Lecture B	spring semester	Tues.	5-6	2
0913	Department of Life Science and Medical Bioscience	Lectures	Cytoskeletal Regulation	fall semester	others	On demand	2
0914	Department of Life Science and Medical Bioscience	Lectures	Advanced Biomaterials Science and Engineering	spring semester	others	On demand	2
0915	Department of Life Science and Medical Bioscience	Lectures	Introduction to Cognitive Neuroscience	winter quarter	Mon.	5	1
0916	Department of Life Science and Medical Bioscience	Seminars	Seminar on Environmental Biotechnology A	spring semester	others	others	3
0917	Department of Life Science and Medical Bioscience	Seminars	Seminar on Environmental Biotechnology B	fall semester	others	others	3
0918	Department of Life Science and Medical Bioscience	Seminars	Seminar on Biomolecular Assembly A	spring semester	others	others	3
0919	Department of Life Science and Medical Bioscience	Seminars	Seminar on Biomolecular Assembly B	fall semester	others	others	3
0920	Department of Life Science and Medical Bioscience	Seminars	Seminar on Solid State Bioscience A	spring semester	others	others	3
0921	Department of Life Science and Medical Bioscience	Seminars	Seminar on Solid State Bioscience B	fall semester	others	others	3
0922	Department of Life Science and Medical Bioscience	Seminars	Seminar on Neurophysiology A	spring semester	others	others	3
0923	Department of Life Science and Medical Bioscience	Seminars	Seminar on Neurophysiology B	fall semester	others	others	3
0924	Department of Life Science and Medical Bioscience	Seminars	Seminar on Molecular Brain Science A	spring semester	others	others	3
0925	Department of Life Science and Medical Bioscience	Seminars	Seminar on Molecular Brain Science B	fall semester	others	others	3
0926	Department of Life Science and Medical Bioscience	Seminars	Seminar on Molecular Medicine and Biochemistry A	spring semester	others	others	3
0927	Department of Life Science and Medical Bioscience	Seminars	Seminar on Molecular Medicine and Biochemistry B	fall semester	others	others	3
0928	Department of Life Science and Medical Bioscience	Seminars	Seminar on Molecular Oncology A	spring semester	others	others	3
0929	Department of Life Science and Medical Bioscience	Seminars	Seminar on Molecular Oncology B	fall semester	others	others	3
0930	Department of Life Science and Medical Bioscience	Seminars	Seminar on Biomaterials Science and Engineering A	spring semester	others	others	3
0931	Department of Life Science and Medical Bioscience	Seminars	Seminar on Biomaterials Science and Engineering B	fall semester	others	others	3
0932	Department of Life Science and Medical Bioscience	Seminars	Seminar on Biomolecular Science and Engineering A	spring semester	others	others	3
0933	Department of Life Science and Medical Bioscience	Seminars	Seminar on Biomolecular Science and Engineering B	fall semester	others	others	3
0934	Department of Life Science and Medical Bioscience	Seminars	Seminar on Cytoskeletal Logistics A	spring semester	others	others	3
0935	Department of Life Science and Medical Bioscience	Seminars	Seminar on Cytoskeletal Logistics B	fall semester	others	others	3
0936	Department of Electrical Engineering and Bioscience	Lectures	Molecular Cell Biology	fall semester	Fri.	6	2
0937	Department of Electrical Engineering and Bioscience	Lectures	Electronic and Photonic Materials	fall semester	Thur.	1	2
0938	Department of Electrical Engineering and Bioscience	Lectures	Quantum Materials Science	spring semester	Tues.	5	2
0939	Department of Electrical Engineering and Bioscience	Seminars	Advanced Seminar A	spring semester	others	others	1
0940	Department of Electrical Engineering and Bioscience	Seminars	Advanced Seminar B	fall semester	others	others	1
0941	Department of Electrical Engineering and Bioscience	Lectures	Frontiers of Device Engineering	an intensive course(spring)	others	others	2
0942	Department of Electrical Engineering and Bioscience	Lectures	Advanced Electric Power Devices and Machines	fall semester	Wed.	3	2
0943	Department of Electrical Engineering and Bioscience	Lectures	Control Systems	spring semester	Fri.	5	2
0944	Department of Electrical Engineering and Bioscience	Lectures	Smart Grid and Frontiers in Electric Energy Systems	fall semester	Mon.	1	2
0945	Department of Electrical Engineering and Bioscience	Lectures	Power Systems Engineering	spring semester	Fri.	1	2
0946	Department of Electrical Engineering and Bioscience	Lectures	Power System and Nuclear Power Generation Theory	fall semester	Fri.	4	2
0947	Department of Electrical Engineering and Bioscience	Lectures	Advanced Vacuum Engineering	fall semester	Fri.	2	2
0948	Department of Electrical Engineering and Bioscience	Lectures	Thin Film Engineering	spring semester	Wed.	5	2
0949	Department of Electrical Engineering and Bioscience	Lectures	Physics of Semiconductor devices 1	fall semester	Thur.	5	2
0950	Department of Electrical Engineering and Bioscience	Lectures	Physics of Semiconductor devices 2	spring semester	Wed.	3	2
0951	Department of Electrical Engineering and Bioscience	Lectures	Charge Storage Device Engineering	fall semester	Thur.	2	2
0952	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Applications of Superconductivity A	spring semester	others	others	3
0953	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Applications of Superconductivity B	fall semester	others	others	3
0954	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Applications of Superconductivity C	spring semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
0955	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Applications of Superconductivity D	fall semester	others	others	3
0956	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Computer-Aided Electromagnetics A	spring semester	others	others	3
0957	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Computer-Aided Electromagnetics B	fall semester	others	others	3
0958	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Computer-Aided Electromagnetics C	spring semester	others	others	3
0959	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Computer-Aided Electromagnetics D	fall semester	others	others	3
0960	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Advance Control A	spring semester	others	others	3
0961	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Advance Control B	fall semester	others	others	3
0962	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Advance Control C	spring semester	others	others	3
0963	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Advance Control D	fall semester	others	others	3
0964	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Information-Based Learning Systems A	spring semester	others	others	3
0965	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Information-Based Learning Systems B	fall semester	others	others	3
0966	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Information-Based Learning Systems C	spring semester	others	others	3
0967	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Information-Based Learning Systems D	fall semester	others	others	3
0968	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Pharmacology A	spring semester	others	others	3
0969	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Pharmacology B	fall semester	others	others	3
0970	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Pharmacology C	spring semester	others	others	3
0971	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Pharmacology D	fall semester	others	others	3
0972	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Optical Properties of Condensed Matter A	spring semester	others	others	3
0973	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Optical Properties of Condensed Matter B	fall semester	others	others	3
0974	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Optical Properties of Condensed Matter C	spring semester	others	others	3
0975	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Optical Properties of Condensed Matter D	fall semester	others	others	3
0976	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Dynamics of Biological Systems A	spring semester	others	others	3
0977	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Dynamics of Biological Systems B	fall semester	others	others	3
0978	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Dynamics of Biological Systems C	spring semester	others	others	3
0979	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Dynamics of Biological Systems D	fall semester	others	others	3
0980	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular Networks in Cells A	spring semester	others	others	3
0981	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular Networks in Cells B	fall semester	others	others	3
0982	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular Networks in Cells C	spring semester	others	others	3
0983	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular Networks in Cells D	fall semester	others	others	3
0984	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular and Cellular Biosciences A	spring semester	others	others	3
0985	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular and Cellular Biosciences B	fall semester	others	others	3
0986	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular and Cellular Biosciences C	spring semester	others	others	3
0987	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular and Cellular Biosciences D	fall semester	others	others	3
0988	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Probabilistic Information Processing A	spring semester	others	others	3
0989	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Probabilistic Information Processing B	fall semester	others	others	3
0990	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Probabilistic Information Processing C	spring semester	others	others	3
0991	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Probabilistic Information Processing D	fall semester	others	others	3
0992	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Electronic and Photonic Materials A	spring semester	others	others	3
0993	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Electronic and Photonic Materials B	fall semester	others	others	3
0994	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Electronic and Photonic Materials C	spring semester	others	others	3
0995	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Electronic and Photonic Materials D	fall semester	others	others	3
0996	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Quantum Materials Science A	spring semester	others	others	3
0997	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Quantum Materials Science B	fall semester	others	others	3
0998	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Quantum Materials Science C	spring semester	others	others	3
0999	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Quantum Materials Science D	fall semester	others	others	3
1000	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Semiconductor Engineering A	spring semester	others	others	3
1001	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Semiconductor Engineering B	fall semester	others	others	3
1002	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Semiconductor Engineering C	spring semester	others	others	3
1003	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Semiconductor Engineering D	fall semester	others	others	3
1004	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Next-Generation Electrical Energy Systems A	spring semester	others	others	3
1005	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Next-Generation Electrical Energy Systems B	fall semester	others	others	3
1006	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Next-Generation Electrical Energy Systems C	spring semester	others	others	3
1007	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Next-Generation Electrical Energy Systems D	fall semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
1008	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular Sensors and Devices A	spring semester	others	others	3
1009	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular Sensors and Devices B	fall semester	others	others	3
1010	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular Sensors and Devices C	spring semester	others	others	3
1011	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Molecular Sensors and Devices D	fall semester	others	others	3
1012	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Bioinformatics A	spring semester	others	others	3
1013	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Bioinformatics B	fall semester	others	others	3
1014	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Bioinformatics C	spring semester	others	others	3
1015	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Bioinformatics D	fall semester	others	others	3
1016	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Synthetic Biology A	spring semester	others	others	3
1017	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Synthetic Biology B	fall semester	others	others	3
1018	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Synthetic Biology C	spring semester	others	others	3
1019	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Synthetic Biology D	fall semester	others	others	3
1020	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Electromobility system A	spring semester	others	others	3
1021	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Electromobility system B	fall semester	others	others	3
1022	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Electromobility system C	spring semester	others	others	3
1023	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Electromobility system D	fall semester	others	others	3
1024	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Biophysics A	spring semester	others	others	3
1025	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Biophysics B	fall semester	others	others	3
1026	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Biophysics C	spring semester	others	others	3
1027	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Biophysics D	fall semester	others	others	3
1028	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Charge Storage Device B	fall semester	others	others	3
1029	Department of Electrical Engineering and Bioscience	Seminars	Seminar on Charge Storage Device D	fall semester	others	others	3
1030	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Internal Organ Engineering	fall semester	Mon.	5	2
1031	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Integrative Bioscience and Biomedical Engineering A	spring semester	Tues.	6	2
1032	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Integrative Bioscience and Biomedical Engineering B	fall semester	Tues.	5	2
1033	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Science Communication I - Introduction to Communication Theory	spring semester	Tues.	4	2
1034	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Science Communication II - Communication Theory of Team Work	fall semester	Tues.	4	2
1035	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Science Communication III - Introduction to Team Work and Presentation Skills	spring semester	Tues.	5	2
1036	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Science Communication IV - Introduction to Team Work and Presentation Skills	fall semester	Tues.	3	2
1037	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Practical Medical Engineering	spring semester	Wed.	6	2
1038	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Molecular Physiology	spring semester	Thur.	6-7	2
1039	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Physicobiology	spring semester	Wed.	1	2
1040	Department of Integrative Bioscience and Biomedical Engineering	Lectures	Environmental Ecology	fall semester	Thur.	5	2
1041	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Medical Mechanical Engineering A	spring semester	others	others	3
1042	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Medical Mechanical Engineering B	fall semester	others	others	3
1043	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Medical Mechanical Engineering C	spring semester	others	others	3
1044	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Medical Mechanical Engineering D	fall semester	others	others	3
1045	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Biorobotics A	spring semester	others	others	3
1046	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Biorobotics B	fall semester	others	others	3
1047	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Biorobotics C	spring semester	others	others	3
1048	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Biorobotics D	fall semester	others	others	3
1049	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Molecular Biophysics A	spring semester	others	others	3
1050	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Molecular Biophysics B	fall semester	others	others	3
1051	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Developmental Biology A	spring semester	others	others	3
1052	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Developmental Biology B	fall semester	others	others	3
1053	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Developmental Biology C	spring semester	others	others	3
1054	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Developmental Biology D	fall semester	others	others	3
1055	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Cell Biology A	spring semester	others	others	3
1056	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Cell Biology B	fall semester	others	others	3
1057	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Cell Biology C	spring semester	others	others	3
1058	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Cell Biology D	fall semester	others	others	3
1059	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Molecular Functions and Physiology A	spring semester	others	others	3
1060	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Molecular Functions and Physiology B	fall semester	others	others	3

Course List
 AOAdmission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
1061	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Molecular Functions and Physiology C	spring semester	others	others	3
1062	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Molecular Functions and Physiology D	fall semester	others	others	3
1063	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Genetic Information A	spring semester	others	others	3
1064	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Genetic Information B	fall semester	others	others	3
1065	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Genetic Information C	spring semester	others	others	3
1066	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Genetic Information D	fall semester	others	others	3
1067	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Plant Physiology and Biochemistry A	spring semester	others	others	3
1068	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Plant Physiology and Biochemistry B	fall semester	others	others	3
1069	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Plant Physiology and Biochemistry C	spring semester	others	others	3
1070	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Plant Physiology and Biochemistry D	fall semester	others	others	3
1071	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Physicobiology A	spring semester	others	others	3
1072	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Physicobiology B	fall semester	others	others	3
1073	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Physicobiology C	spring semester	others	others	3
1074	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Physicobiology D	fall semester	others	others	3
1075	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Biomedical Robotics Engineering A	spring semester	others	others	3
1076	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Biomedical Robotics Engineering B	fall semester	others	others	3
1077	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Biomedical Robotics Engineering C	spring semester	others	others	3
1078	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Biomedical Robotics Engineering D	fall semester	others	others	3
1079	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Medical Image Engineering A	spring semester	others	others	3
1080	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Medical Image Engineering B	fall semester	others	others	3
1081	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Medical Image Engineering C	spring semester	others	others	3
1082	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Medical Image Engineering D	fall semester	others	others	3
1083	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Regenerative Medical Engineering A	spring semester	others	others	3
1084	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Regenerative Medical Engineering B	fall semester	others	others	3
1085	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Regenerative Medical Engineering C	spring semester	others	others	3
1086	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Regenerative Medical Engineering D	fall semester	others	others	3
1087	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Synthetic Biology A	spring semester	others	others	3
1088	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Synthetic Biology B	fall semester	others	others	3
1089	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Synthetic Biology C	spring semester	others	others	3
1090	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Synthetic Biology D	fall semester	others	others	3
1091	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Environmental Ecology A	spring semester	others	others	3
1092	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Environmental Ecology B	fall semester	others	others	3
1093	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Environmental Ecology C	spring semester	others	others	3
1094	Department of Integrative Bioscience and Biomedical Engineering	Seminars	Seminar on Environmental Ecology D	fall semester	others	others	3
1095	Department of Nanoscience and Nanoengineering	Lectures	Nanodevice Engineering	spring semester	Tues.	2	2
1096	Department of Nanoscience and Nanoengineering	Lectures	Nanobiotechnology Fusion Systems	fall semester	Tues.	2	2
1097	Department of Nanoscience and Nanoengineering	Lectures	Molecular Nanoengineering	fall semester	Mon.	1	2
1098	Department of Nanoscience and Nanoengineering	Lectures	Computational Experiments	fall semester	Tues.	2	2
1099	Department of Nanoscience and Nanoengineering	Lectures	Nanochemical Systems	fall quarter	Thur.	2	1
1100	Department of Nanoscience and Nanoengineering	Lectures	Bioanalysis	summer quarter	Fri.	5-6	2
1101	Department of Nanoscience and Nanoengineering	Lectures	Ceramics Microstructure Control Engineering	fall quarter	Fri.	5-6	2
1102	Department of Nanoscience and Nanoengineering	Lectures	Special Lecture on Nano-Structured High Temperature Materials	fall quarter	Mon.	3-4	2
1103	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanoelectronics A	spring semester	others	others	3
1104	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanoelectronics B	fall semester	others	others	3
1105	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanoelectronics C	spring semester	others	others	3
1106	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanoelectronics D	fall semester	others	others	3
1107	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Microsystem Engineering A	spring semester	others	others	3
1108	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Microsystem Engineering B	fall semester	others	others	3
1109	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Microsystem Engineering C	spring semester	others	others	3
1110	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Microsystem Engineering D	fall semester	others	others	3
1111	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Molecular Nanoengineering A	spring semester	others	others	3
1112	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Molecular Nanoengineering B	fall semester	others	others	3
1113	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Molecular Nanoengineering C	spring semester	others	others	3

Course List
 AO Admission to English-based Master's Research Student Program Entering in September 2021 and April 2022
 Graduate School of Fundamental / Creative / Advanced Science and Engineering, Waseda University

番号	専修英語名称	科目区分英字名称	英字科目名付クラス名	学期英語名称	曜日英語名称	時限英語名称	単位数
1114	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Molecular Nanoengineering D	fall semester	others	others	3
1115	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanomaterials for Informatics A	spring semester	others	others	3
1116	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanomaterials for Informatics B	fall semester	others	others	3
1117	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanomaterials for Informatics C	spring semester	others	others	3
1118	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanomaterials for Informatics D	fall semester	others	others	3
1119	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanofunctional Surface Chemistry A	spring semester	others	others	3
1120	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanofunctional Surface Chemistry B	fall semester	others	others	3
1121	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanofunctional Surface Chemistry C	spring semester	others	others	3
1122	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nanofunctional Surface Chemistry D	fall semester	others	others	3
1123	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Electrochemical Computing A	spring semester	others	others	3
1124	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Electrochemical Computing B	fall semester	others	others	3
1125	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Electrochemical Computing C	spring semester	others	others	3
1126	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Electrochemical Computing D	fall semester	others	others	3
1127	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nano-Chiral Science C	spring semester	others	others	3
1128	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nano-Chiral Science D	fall semester	others	others	3
1129	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nano-Electrochemistry A	spring semester	others	others	3
1130	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nano-Electrochemistry B	fall semester	others	others	3
1131	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nano-Electrochemistry C	spring semester	others	others	3
1132	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nano-Electrochemistry D	fall semester	others	others	3
1133	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Bioanalysis A	spring semester	others	others	3
1134	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Bioanalysis B	fall semester	others	others	3
1135	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Bioanalysis C	spring semester	others	others	3
1136	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Bioanalysis D	fall semester	others	others	3
1137	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nano-structure Control A	spring semester	others	others	3
1138	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nano-structure Control B	fall semester	others	others	3
1139	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nano-structure Control C	spring semester	others	others	3
1140	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Nano-structure Control D	fall semester	others	others	3
1141	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Physical Chemistry of Surfaces and Interfaces A	spring semester	others	others	3
1142	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Physical Chemistry of Surfaces and Interfaces B	fall semester	others	others	3
1143	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Physical Chemistry of Surfaces and Interfaces C	spring semester	others	others	3
1144	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Physical Chemistry of Surfaces and Interfaces D	fall semester	others	others	3
1145	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Synthetic Chemistry of Nanomaterials A	spring semester	others	others	3
1146	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Synthetic Chemistry of Nanomaterials B	fall semester	others	others	3
1147	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Synthetic Chemistry of Nanomaterials C	spring semester	others	others	3
1148	Department of Nanoscience and Nanoengineering	Seminars	Seminar on Synthetic Chemistry of Nanomaterials D	fall semester	others	others	3