The following lectures are given in English at the School of Engineering,

The University of Tokyo, 2021

Graduate Program

Int-Intensive, #=With conditions(please confirm the conditions before registration)

General Subjects（共通）			
3799-023	Creativity Engineering Project Ⅱ	A1A2	Int
3799-024	Creativity Engineering Project Ⅰ	S1S2	Int
3799-027	Advanced Academic Writing	A 1	
3799-028	Advanced Academic Presentation	A 2	
3799-029	Academic Writing	S 1	
3799-037	Disaster risk management of engineering systems	S1S2	
3799-136	Advanced Lecture on Resilience Engineering	S1S2	
3799-137-1	Resilience Engineering Project	S1S2	Int
3799-137-2	Resilience Engineering Project	A1A2	Int
3799-138	Systems Safety	S1S2	
3799-139	Sensing for Resilient Systems	A1A2	Int
3799-152	Seminar on flood disaster mitigation	A1A2	Int
3799-203	Global Focus on Materials Science Ⅰ	S1S2	
3799-401	Special International Collaborative Practice I	S1S2	Int
3799-823	Multidisciplinary Lecture Series in Life Science & Technology	S1S2	#
3799-824	WINGS-LST Course on Social Implementation	A1A2	#
3799-146	Engineering Competency Ⅰ -Project Based Learning-	A1A2	
3799-148	Engineering Competency Ⅲ -Summer Camp-	S1S2	Int

Department of Civil Engineering（社会基盤学専攻）			
3713-002	Modeling of Concrete Performance	S1S2	
3713-005	Wind Engineering and Structures	S 1	
3713-014	Advanced Hydrology	S 1	
3713-020	Advanced Transportation Engineering	A 2	
3713-021	Infrastructure Management	S1S2	
3713-026	Urban Disaster Mitigation Engineering	A1A2	
3713-030	Nonlinear Mechanics of Reinforced Concrete	A 2	
3713-033	Computational Earthquake Engineering	A 2	
3713-034	Nonlinear Analysis in Civil Engineering	A 1	
3713-045	Projects in Developing Countries	A 2	Int
3713-046	Frontier of Civil Engineering II	A 1	
3713-051	International English for Civil Engineers I	S1S2	
3713-052	International English for Civil Engineers II	A1A2	
3713-065-1	Japanese for Civil Engineers	Year-long	Int #
3713-065-2	Japanese for Civil Engineers	Year-long	Int #
3713-074	Flood Disaster Simulation	S1S2	
3713-080	Geographic Information Systems	S 1	
3713-082	Earthquake and Geo-disaster Mitigation Engineering	A1A2	
3713-089	Remote sensing E	A 1	
3713-090	Photogrammetry and Pattern Recognition E	S 1	
3713-091	Advanced Geotechnical Engineering E	S 1	
3713-092	Principles of Geotechnical Engineering E	A1A2	
3713-093	River Engineering E	S 1	
3713-095	Sediment transport in hydrosphere E	A1A2	
3713-096	Hydrospheric Science Project E	S1S2	

3713-097	Transportation and urban design studio E	A 1		
3713-099	Wind Power Engineering E	S 1		
3713-116	Coastal Hydrodynamics	S 1		
3713-118	Case Studies of International Projects	S 2		
3713-119	Economics and Finance for Infrastructure Engineering	A 1		
3713-120	Innovations in Civil Engineering	S 1		
3713-122	Structural Dynamics	A 1		#
3713-123	Advanced Structural Dynamics	A 2		#
3713-129	Designing infrastructure projects in developing countries	A 2	Int	
3713-132	Special Lecture on Analytical Chemistry for Cementitious Materials Characterisation	A 1		

Department of Architecture（建築学専攻）				
3714-045	Research in Architecture IA	S1S2	Int	#
3714-046	Research in Architecture IB	A1A2	Int	#
3714-047	Research in Architecture IIA	S1S2	Int	#
3714-048	Research in Architecture IIB	A1A2	Int	#
3714-049	Individual Research in Architecture IA	S1S2	Int	#
3714-050	Individual Research in Architecture IB	A1A2	Int	#
3714-056	Advanced Management of Project	S1S2		
3714-071	Timber Structures	A 1		
3714-085	Shell and Large Span Structures	S 1		#
3714-090	Research in Architecture IIIA	S1S2	Int	#
3714-091	Research in Architecture IIIB	A1A2	Int	#
3714-092	Research in Architecture IVA	S1S2	Int	#
3714-093	Research in Architecture IVB	A1A2	Int	#
3714-094	Research in Architecture VA	S1S2	Int	#
3714-095	Research in Architecture VB	A1A2	Int	#
3714-096	Individual Research in Architecture IIA	S1S2	Int	#
3714-097	Individual Research in Architecture IIB	A1A2	Int	#
3714-098	Architecture and Cities in Japan 1	S1S2		
3714-099	Architecture and Cities in Japan 2	A1A2		
3714-108	Internship 1	Year-long	Int	
3714-109	Internship 2	Year-long	Int	
3714-113	Special Seminar for Architectural Practice Ⅰ	Year-long	Int	
3714-114	Special Seminar for Architectural Practice Ⅱ	Year-long	Int	
3714-118	Architectural Ethics 2	A1A2		
3714-119	Computational Design in Architecture	A1A2		
3714-124	Building Materials	S 2		
3714-130	Architectural Design ⅠA	S1S2	Int	
3714-131	Architectural Design ⅠB	A1A2	Int	
3714-132	Architectural Design ⅡA	S1S2	Int	
3714-133	Architectural Design ⅡB	A1A2	Int	
3714-151	Building Informatics	A1A2		
3714-152	DLX Design Thinking	S1S2		
3714-160	Research Methods in Architecture	A1A2		
3714-161	Disaster Risk Management of Engineering Systems	S1S2		
3714-162	DLX Introduction to Media Design	A1A2		

Department of Urban Engineering（都市工学専攻）				
3716-037	Advanced Course in Environmental Engineering Laboratory	A 1	Int	
3716-043	Environmental Systems Analysis	A 1		

3716-045	Advanced Water Quality Engineering	S 1	
3716-091	Environmental Reaction Kinetics	A 2	
3716-094	Fundamentals of Water Pollution Control	A 2	
3716-116	Urban Water Systems	S1S2	
3716-136	Urban Water Systems Management E	A1A2	
3716-137	Global Urban Planning E	S1S2	
3716-142	Risk Mnagemant of Urban Flood Disaster	A 1	
3716-160	Basic I Integrated Japanese of Urban Engineering A	S1S2	Int
3716-161	Basic I Integrated Japanese of Urban Engineering B	A1A2	Int
3716-162	Basic II Integrated Japanese of Urban Engineering A	S1S2	Int
3716-163	Basic II Integrated Japanese of Urban Engineering B	A1A2	Int
3716-166	Intermediate I Speaking of Urban Engineering A	S1S2	Int
3716-168	Advanced Lecture in Landscape Planning(E)	S1S2	
3716-169	Forefronts of Urban environmental Projects(E)	S 1	
3717-020	Urban Transport Policy	A 1	
3717-021	Urban Transport Planning and Analysis	A 2	
3717-024	Hazardous Waste Management	A 2	
3717-025	Environmental Risk Management	S 1	
3717-030	Residential Environment	S 1	
3717-031	Regional Planning	A 1	
3717-032	Urban Development Policy and Planning	A 2	
3717-041	Systems and Tools toward a Sound Material-cycle Society	S 2	
3717-043	Advanced Course in Health-related Water Microbiology	A 1	#
3717-044	Advanced Course in Environmental Microbiology	A1A2	
3717-045	Urban Dwelling Environments	S1S2	
3718-015	Advanced Course in Urban Environmental Planning VII	S 1	

Department of Mechanical Engineering （機械工学専攻）			
3722-060	Molecular Thermo-Fluid Engineering	S 1	
3722-101	Applied Mathematics for Mechanical Engineering	S 1	
3722-107	Solid Mechanics Seminar	A 2	
3722-114	Active Vibration Control	A1A2	
3722-118	Basic Theory of Extended Nano Space	A1A2	#
3722-119	Nano/Micro Energy Systems	A1A2	#
3722-125	Practical Exercise of Extended Nano Space	S1S2	Int
3722-149	Distributed Energy System - Modeling and Design	S1S2	#
3722-157	Advanced Thermodynamics	S1S2	
3722-158	Advanced Heat and Mass Tranfer	A1A2	
3722-159	Advanced Fluids Engineering 1	S1S2	
3722-161	Nanotechnology	A1A2	#
3722-162	Advanced MEMS and Microsystem	A1A2	
3724-052	The Practice of Machine Design	A1A2	
3724-080	Information and Measurement	S 1	
3724-101	Numerical Methods in Mechanical Engineering	S 2	

Department of Precision Engineering （精密工学専攻）			
3729-041	Nano-Micro Mecanical Systems	A1A2	
3729-045	Practice in International Workshop on Precision Engineering	Year-long	Int
3729-046	Advanced Practice of Precision Engineering M	Year-long	Int	#
3729-047	Advanced Practice of Precision Engineering D1	Year-long	Int	#
3729-048	Advanced Practice of Precision Engineering D2	Year-long	Int	#
3729-049	Special Seminar of Precision Engineering M	Year-long	Int	#

3729-050	Special Seminar of Precision Engineering D	Year-long	Int	#
3729-061	Advances in Micromachining	A1A2		
3729-069	Special Lecture on Decommissioning and Dismantling	A1A2		
3729-081	Introduction to Cognitive Science in Engineering	A1A2		
3729-083	DLX Design Thinking	S1S2		
3729-096	DLX Introduction to Media Design	A1A2		

Department of Systems Innovation （システム創成学専攻）

3736-033-1	System Innovation Project 1(J/E)	S1S2	Int	
3736-033-2	System Innovation Project 1(J/E)	A1A2	Int	
3736-038-1	System Innovation Project 6(J/E)	S1S2	Int	
3736-038-2	System Innovation Project 6(J/E)	A1A2	Int	
3736-041-1	Advanced Seminar on System Innovation 1	S1S2	Int	#
3736-041-2	Advanced Seminar on System Innovation 1	A1A2	Int	#
3736-047	System Innovation Project 4A(J/E)	Year-long	Int	
3736-048	System Innovation Project 4B(J/E)	Year-long	Int	
3736-051-1	Advanced Seminar on System Innovation 2A(J/E)	S1S2	Int	#
3736-051-2	Advanced Seminar on System Innovation 2A(J/E)	A1A2	Int	#
3736-052-1	Advanced Seminar on System Innovation 2B(J/E)	S1S2	Int	#
3736-052-2	Advanced Seminar on System Innovation 2B(J/E)	A1A2	Int	#
3736-053-1	System Innovation Project 2(J/E)	S1S2	Int	
3736-053-2	System Innovation Project 2(J/E)	A1A2	Int	
3736-054	System Innovation Project 3(J/E)	Year-long	Int	
3736-055-1	System Innovation Project 4C(J/E)	Year-long		
3736-056-2	System Innovation Project 4D(J/E)	A1A2	Int	
3736-057	System Innovation Project 5(J/E)	Year-long	Int	
3736-107	Global Environmental and Energy Policy	A 2		
3736-116	Advanced Simulation Technology	A1A2		
3736-131	Cognitive Society Design	A 1		
3736-133	Natural Resource Economy: on Recycling Industries	S 2		
3736-137	Simulation Technologies for Complicated/Complex Phenomena	S 1		
3736-140	Computational Complex Analysis	A 2		
3736-145	Resources and environments on solid bodies in the solar system	S1S2		
3736-146	Introduction to statistical physics for social and economic systems	S 1		
3736-149	Global Logistics	A1A2		

Department of Aeronautics and Astronautics （航空宇宙工学専攻）

3734-002	Aerodynamic Design of Aircraft	A1A2	
3734-035	Applied Fracture Mechanics	S1S2	
3734-079	Propulsion and Energy Systems	A1A2	

Department of Electrical Engineering and Information Systems （電気系工学専攻）

3747-015	Semiconductor Integrated Processing	S1S2		
3747-018	System and Control Theory	S1S2		
3747-035	Solid State Electronics I	S1S2		
3747-046	Fundamentals of Semiconductor Devices	A1A2		
3747-049	Integrated Photonics	S 1		
3747-106	Cognitive Multi-Media Processing	A1A2		#
3747-110	Multithreaded Parallel Computing	S1S2		
3747-117	Quantum theory of light and light-matter interaction	A1A2		
3747-118	Fundamentals of Optics and Photonics	A1A2		

Department of Applied Physics（物理工学専攻）

3752-056	Condensed Matter Physics	A 1	Int
3752-084	Material Science	S1S2	
3752-085	Computational Physics	S1S2	
3752-091	Computational Science for Many-Body Problems	S1S2	
3752-092	Information Compression in Computational Science	A1A2	

Department of Materials Engineering（マテリアル工学専攻）

3765-041	Advanced Materials Engineering I	A1A2
3765-042	Advanced Materials Engineering II	S 1
3765-102	Advanced Lecture on Biosensing Materials	S 1
3765-103	Advanced Lecture on Soft Materials	A 1
3765-104	Advanced Lecture on Polyelectrolyte solutions	A 1
3765-111	Advanced Lecture on Structural Physics	A 2
3765-112	Advanced Lecture on Material Nondestructive Evaluation	S 1
3765-122	Advanced Lecture on Device Process Engineering	S 1
3765-128	Advanced Lecture on High Temperature Production and Recycling Processes	A 2
3765-140	Advanced Lecture on Material Modeling	S 2
3765-146	Advanced Lecture on Medical Materials	S 1
3765-153	Advanced Lecture on Materials Electrochemistry	S 2
3765-160	Advanced Lecture on Solid-State Electronic Devices	S 1
3765-164	Advanced Lecture on Steel Manufacturing Process	S 1

Department of Applied Chemistry （応用化学専攻）

3771-003	Organometallic Chemistry	A1A2	Int	
3771-031	Advanced Lectures on Applied Chemistry I	A1A2	Int	
3771-076	Organic Chemistry: Structure, Reaction, and Synthesis IV	A 1		
3771-201	Advanced Laboratory Work on Applied Chemistry I	Year-long	Int	#
3771-202	Advanced Exercises on Applied Chemistry I	Year-long	Int	#
3771-203	Advanced Laboratory Work on Applied Chemistry II	Year-long	Int	#
3771-204	Advanced Exercises on Applied Chemistry II	Year-long	Int	#
3771-301	Advanced Laboratory Work on Applied Chemistry III	Year-long	Int	#
3771-302	Advanced Exercises on Applied Chemistry III	Year-long	Int	#
3771-303	Advanced Laboratory Work on Applied Chemistry IV	Year-long	Int	#
3771-304	Advanced Exercises on Applied Chemistry IV	Year-long	Int	#
3771-305	Advanced Laboratory Work on Applied Chemistry V	Year-long	Int	#
3771-306	Advanced Exercises on Applied Chemistry V	Year-long	Int	#

Department of Chemical System Engineering（化学システム工学専攻）

3773-044	Advanced Chemical Reaction Engineering	S1S2	
3773-123	Chemical Systems Management	A1A2	
3773-169	Chemical Technology and Practices 5	S1S2	
3773-301	Advanced Laboratory Work in Chemical System Engineering III	Year-long	Int
3773-303	Advanced Laboratory Work in Chemical System Engineering IV	Year-long	Int
3773-305	Advanced Laboratory Work in Chemical System Engineering V	Year-long	Int
3773-313	Advanced Exercises in Chemical System Engineering I	Year-long	Int
3773-314	Advanced Exercises in Chemical System Engineering II	Year-long	Int
3773-315	Advanced Exercises in Chemical System Engineering III	Year-long	Int
3773-316	Advanced Exercises in Chemical System Engineering IV	Year-long	Int
3773-317	Advanced Exercises in Chemical System Engineering V	Year-long	Int
3773-443	Advanced Laboratory Work in Chemical System Engineering I	Year-long	Int

3773-444	Advanced Laboratory Work in Chemical System Engineering II	Year-long	Int	

Department of Chemistry and Biotechnology（化学生命工学専攻）				
3775-003	Organometallic Chemistry	A1A2	Int	
3775-034	Special Topics in Chemistry and Biotechnology I	A1A2	Int	
3775-038	Special Topics in Chemistry and Biotechnology V	A1A2	Int	
3775-039	Special Topics in Chemistry and Biotechnology VI	A1A2	Int	
3775-103	Structures Analysis	S1S2		
3775-105	Basics for Functional Chemistry II	S 1		
3775-109	Organic Chemistry: Structure, Reaction, and Synthesis IV	A 1		
3775-111	Polymer and Functional Materials Chemistry II	A 1		
3775-115	Molecular Biochemistry II	A 1		
3775-201	Advanced Laboratory Work on Chemistry and Biotechnology I	Year-long	Int	#
3775-203	Advanced Laboratory Work on Chemistry and Biotechnology II	Year-long	Int	#
3775-205	Advanced Exercises in Chemistry and Biotechnology I-A	Year-long	Int	#
3775-206	Advanced Exercises in Chemistry and Biotechnology II-A	Year-long	Int	#
3775-301	Advanced Laboratory Work on Chemistry and Biotechnology III	Year-long	Int	#
3775-302	Advanced Exercises in Chemistry and Biotechnology III	Year-long	Int	#
3775-303	Advanced Laboratory Work on Chemistry and Biotechnology IV	Year-long	Int	#
3775-304	Advanced Exercises in Chemistry and Biotechnology IV	Year-long	Int	#
3775-305	Advanced Laboratory Work on Chemistry and Biotechnology V	Year-long	Int	#
3775-306	Advanced Exercises in Chemistry and Biotechnology V	Year-long	Int	#

Department of Advanced Interdisciplinary Studies （先端学際工学専攻）				
3787-008	Lectures on Advanced Life Science	S1S2		
3788-034	University Entrepreneurship	A1A2		
3788-042	Leadership-talent growth program(I)-Proposal-	Year-long	Int	
3788-043	Leadership-talent growth program(II)-English in Advanced Science and Technology-	A1A2	Int	
3788-049	Advanced Environmental Science and Energetics	A1A2		
3788-060	Environmental Science II	A1A2		
3788-062	Energy Science II	A1A2		
3788-076	Needs-Inspired Invention and Entrepreneurship	S1S2		

Department of Nuclear Engineering and Management（原子力国際専攻）				
3789-032	Nuclear Reactor Theory and Radiation Physics	S 1		
3789-033	Nuclear Thermal-hydraulics and Structural Mechanics	S 1		
3789-034	Overview of Energy Systems	S 2		
3789-035	Social Science Essentials	S 1		
3789-036	Chemistry in Nuclear Engineering	S 2		
3789-037	Radiation Biology	S 1		
3789-038	Fundamentals in Nuclear Physics	S 1		
3789-039	Nuclear Safety Engineering	A1A2		
3789-041	Radiation Safety	S1S2		
3789-043	Nuclear Nonproliferation and Security	A1A2		
3789-045	Nuclear Plant Engineering	A1A2		
3789-046	Applied Radiation Engineering	A1A2		
3789-048	Advanced Radiation Measurements	S1S2		
3789-056	Severe Accident (Advanced)	A1A2		
3789-057	Advanced Lecture on Simulation Science	A1A2		
3789-058	Advanced Lecture on Nuclear Fuel Cycle	S1S2		
3789-059	Introduction to Nuclear Engineering	A1A2		#

3789-060	Special Lecture on Decommissioning and Dismantling	A1A2		
3789-072	Advanced Nuclear Engineering Seminar III	A1A2		
3789-073	Colloquiums on Nuclear Engineering and Management I	S1S2	Int	
3789-074	Colloquiums on Nuclear Engineering and Management II	A1A2	Int	
3789-075	Workshop on Nuclear Engineering and Management	S1S2	Int	
3789-090	Nuclear Engineering Master's Course Seminar 1	S1S2		#
3789-091	Nuclear Engineering Master's Course Seminar 2	A1A2		#
3789-092	Nuclear Engineering Master's Course Seminar 3	S1S2		#
3789-093	Nuclear Engineering Master's Course Seminar 4	A1A2		#
3789-094	Nuclear Engineering Doctoral Course Seminar 1	S1S2		#
3789-095	Nuclear Engineering Doctoral Course Seminar 2	A1A2		#
3789-096	Nuclear Engineering Doctoral Course Seminar 3	S1S2		#
3789-097	Nuclear Engineering Doctoral Course Seminar 4	A1A2		#
3789-098	Nuclear Engineering Doctoral Course Seminar 5	S1S2		#
3789-099	Nuclear Engineering Doctoral Course Seminar 6	A1A2		#
3789-105	Nuclear Engineering Master's Course Exercise 1	S1S2		#
3789-106	Nuclear Engineering Master's Course Exercise 2	A1A2		#
3789-108	Nuclear Risk Management	S1S2		
3789-113	Nuclear Engineering Doctor's Course Exercise 1	S1S2		#
3789-114	Nuclear Engineering Doctor's Course Exercise 2	S1S2		#
3789-115	Nuclear Engineering Doctor's Course Exercise 3	S1S2		#
3789-116	Nuclear Engineering Doctor's Course Exercise 4	A1A2		#
3789-117	Nuclear Engineering Doctor's Course Exercise 5	A1A2		#
3789-118	Nuclear Engineering Doctor's Course Exercise 6	A1A2		#
3789-119	Advanced Nuclear Engineering Seminar 3A	A1A2		
3789-120	Advanced Nuclear Engineering Seminar 3B	A1A2		
3789-121	Advanced Nuclear Engineering Seminar 3C	A1A2		

Department of Bio Engineering（バイオエンジニアリング専攻）				
3791-108	Advanced Biomaterials	A 2		
3791-113	Radiation Biology	S 1		
3791-115	Advanced Biodevices	A1A2		
3791-116	Bioengineering exercise for social implementation 1	A1A2		#
3791-117	Bioengineering exercise for social implementation 2	A1A2		#
3791-121	Basic Bioelectronics	S 1		#
3791-122	Overview of Bioelectronics	S 2		#
3791-125	Basic Biology	A1A2		
3791-126	Overview of Chemical Bioengineering	S1S2		
3791-211	Overview of Mechano bioengineering 2	S1S2		
3791-216	Overview of Bioimaging 2	S1S2		
3791-521	Bioengineering Seminar 1(A)	S1S2		#
3791-522	Bioengineering Seminar 1(B)	A1A2		#
3791-523	Bioengineering Seminar 2(A)	S1S2		#
3791-524	Bioengineering Seminar 2(B)	A1A2		#
3791-601	Bioengineering Seminar 3(A)	S1S2		#
3791-602	Bioengineering Seminar 3(B)	A1A2		#
3791-603	Presentation and writing in bioengineering	A1A2		#

Department of Technology Management for Innovation（技術経営戦略学専攻）				
3792-129	Risk Management	A1A2		
3792-130	Innovation and Entrepreneurship	A1A2		
3792-131	International Intellectual Property Management	A1A2		

3792-132	Econometric Analysis	A1A2
3792-135	Economic Development of Japan	S1S2
3792-140	Resilience Informatics for Innovation	A1A2
3792-141	Global Business Strategy and Policy	A 1
3792-142	Quantitative Methods for Management and Policy Analysis	S 1
3792-146	Science, Technology and Public Policy	A 1
3792-147	Science, Technology and Public Policy	A1A2
3792-150	Advanced Technology Management	A1A2
3792-164	Empirical Methods in Applied Economics	A1A2

Undergraduate Program

Int: Intensive, NAE*: Not Available for Exchange Student

General Subjects（共通）				
FEN-CO3002L1	Academic Presentation	S 2		
FEN-CO3980S3	International Collaborative Practice I	S1S2		
FEN-CO3982S3	International Collaborative PracticeⅢ	S1S2		
FEN-CO4450L3	Visualizing Japan in the Modern World	A1A2	Int	
FEN-CO4940L3	Nanoscience	S1S2	Int	

Department of Civil Engineering（社会基盤学科）				
FEN-CE4001L3	Basic International Communication I	S 2		
FEN-CE4002L3	Basic International Communication II	A1A2		
FEN-CE4m17T2	Independent Project	S1S2	Int	
FEN-CE4m18T2	Civil Engineering Project	Year-long	Int	NAE*
FEN-CE5408L3	Economics and Finance for Infrastructure Engineering	A 1		
FEN-CE5409L3	Project Finance	A1A2		
FEN-CE5a13L3	Advanced Geotechnical Engineering	S 1		
FEN-CE5a14L3	Wind Engineering and Structures	S 1		
FEN-CE5a18L3	Computational Earthquake Engineering	A 2		
FEN-CE5a19L3	Structural Dynamics	A 1		
FEN-CE5m34L3	Case Studies of International Projects	S 2		
FEN-CE5m41L3	Projects in Developing Countries	A1A2	Int	

Department of Architecture（建築学科）		
FEN-AR3s04S1	Exercises in Building Materials	S1S2

Department of Urban Engineering（都市工学科）				
FEN-UE2m07L1	Introduction to Landscape Planning	A1A2		
FEN-UE3913S2	Global seminar on urban engineering 1	S 1		
FEN-UE3914S2	Global seminar on urban engineering 2	A 1		
FEN-UE4919T2	Graduation Thesis, Urban Engineering	A1A2	Int	NAE*

Department of Mechanical Engineering（機械工学科）		
FEN-MX3905S2	Seminar of Mechanical Engineering in English	A1A2
FEN-MX5604L3	Information and Measurement	S 1
FEN-MX5b23L3	Applied Mathematics for Mechnical Engineering	S 1
FEN-MX5b32L1	Medical Engineering	S1S2
FEN-MX5d09L1	Numerical Methods in Mechanical Engineering	S 2

Department of Aeronautics and Astronautics（航空宇宙工学科）		
FEN-AA3p07L1	Space Propulsion 1	A1A2
FEN-AA4u82L2	Introduction to Aerospace System Engineering	S 1

Department of Precision Engineering（精密工学科）				
FEN-PE3602L1	Measurement in Precision Engineering II	A1A2		
FEN-PE3903S2	Seminar and factory tour	A1A2		
FEN-PE4000S2	Presentation in English for Preceision Engineering A	S1S2		
FEN-PE4001S2	Presentation in English for Preceision Engineering B	S1S2		

Department of Applied Physics（物理工学科）				
FEN-AM4244L2	Solid State Physics (4)	A 1		
FEN-AP3961S2	Seminar in Applied Physics 1	S1S2		
FEN-AP4970S2	Advanced Seminar in Applied Physics	S1S2		

Department of Mathematical Engineering and Infomation Physics（計数工学科）				
FEN-MP3910E1	Laboratory on Mathematical Engineering and Information Physics	S1S2		
FEN-MP3950E1	Information Physics and Computing Laboratory 1	A1A2		
FEN-MP4703S2	Seminar in Information Physics and Computing 1	S1S2		
FEN-MP4704S2	Seminar in Information Physics and Computing 2	A1A2		
FEN-MP4900T1	Graduation Thesis, Mathematical Engineering	A1A2	Int	NAE*
FEN-MP4940S2	Seminar in Mathematical Information Engineering	S1S2		

Department of Materials Engineering（マテリアル工学科）				
FEN-MA2914L3	UT-MIT International Lecture	A1A2	Int	
FEN-MA3902S3	Seminars for Materials Engineering	S1S2		
FEN-MA3e22L3	Introduction to Structural Materials	A1A2	Int	
FEN-MA3e23L3	Introduction to Semiconductor Materials	A1A2	Int	
FEN-MA3f02L3	Introduction to Nano-Biomaterials	A1A2	Int	
FEN-MA4913T2	Graduation Thesis in Materials Engineering	Year-long	Int	NAE*
FEN-MA4e24L3	Applied Composite Materials	S 1		
FEN-MA4e26L3	Applied Materials Science of Biodevices	S 1		
FEN-MA4e27L3	Applied Physical Metallurgy of Steel	S 1		
FEN-MA4e28L3	Applied Semiconductor Processes	S 1		
FEN-MA4f03L3	Applied Medical Material Science	S 1		

Department of Applied Chemistry（応用化学科）				
FEN-CA4991T2	Graduation Thesis, Applied Chemistry	Year-long	Int	NAE*

Department of Chemical System Engineering（化学システム工学科）				
FEN-CS3701L1	Process System Engineering I	S1S2		
FEN-CS3702L1	Process System Engineering II	A1A2		
FEN-CS3m04S2	Readings on Chemical Systems Engneering	A1A2		
FEN-CS4304L2	Chemical Reaction Engineering II	S1S2		
FEN-CS4991T2	Graduation Thesis, Chemical System Engineering	Year-long	Int	NAE*
FEN-CS4m03S1	Process Design and Practices	S1S2		

Department of Chemistry and Biotechnology （化学生命工学科）				
FEN-CB2001L3	Introductory lectures for chemistry and biotechnology	A1A2		
FEN-CB4991T2	Graduation Thesis, Chemistry and Biotechnology	Year-long	Int	NAE*
FEN-CH3m03S1	Exercises in Computer Chemistry	A1A2		
FEN-CH3m07S1	Chemical Engineer and Exercises I	A1A2		
FEN-CH4324L1	Structures Analysis	S1S2		
FEN-CH4903S2	Experiments and Exercises in Chemistry and Life Science	S1S2	Int	
FEN-CH4904S2	Experiments and Exercises in Chemistry and Life Science 2	A1A2	Int	

Department of Systems Innovation (システム創成学科)			
FEN-SA4011L3	Communication Technique A1	S 2	
FEN-SA4012L3	Communication Technique A2	S 2	
FEN-SC3973Z9	International field trip project	A 2	Int
FEN-SI3b41L3	Heat Transfer and Thermodynamics	A 1	
FEN-SI4502L3	Advanced Environment & Energy	S 2	
FEN-SI4b31L3	Fundamental Mechanics	S 1	
FEN-SI4n04L3	Energy Beam Applications and Quantum/Relativistic Mechanics	S1S2	
FEN-SI4n06L3	Nuclear Reactor Engineering	S1S2	