

The following lectures are given in English at the School of Engineering,  
The University of Tokyo, 2017/2018

## 1. Graduate Program

### Department of Civil Engineering (社会基盤学専攻)

3713-002	<a href="#">Modeling of Concrete Performance</a>	S1S2
3713-005	<a href="#">Wind Engineering and Structures</a>	S1
3713-007	<a href="#">Advanced Structural Design</a>	A2
3713-014	<a href="#">Advanced Hydrology</a>	S1
3713-020	<a href="#">Advanced Transportation Engineering</a>	A2
3713-021	<a href="#">Infrastructure Management</a>	S1S2
3713-026	<a href="#">Urban Disaster Mitigation Engineering</a>	A1A2
3713-030	<a href="#">Nonlinear Mechanics of Reinforced Concrete</a>	A2
3713-033	<a href="#">Computational Earthquake Engineering</a>	A2
3713-034	<a href="#">Nonlinear Analysis in Civil Engineering</a>	A1
3713-043	<a href="#">Spatial Statistical Analysis</a>	A1
3713-045	<a href="#">Projects in Developing Countries</a>	A2
3713-046	<a href="#">Frontier of Civil Engineering II</a>	A1
3713-051	<a href="#">International English for Civil Engineers I</a>	S1S2
3713-052	<a href="#">International English for Civil Engineers II</a>	A1A2
3713-065	<a href="#">Japanese for Civil Engineers</a>	Year round
3713-071	<a href="#">Advanced Lectures on Sociotechnology</a>	S1S2
3713-072	<a href="#">Dynamics, Control and Monitoring of Structures</a>	A1
3713-073	<a href="#">Case Studies of International Projects</a>	A1A2
3713-074	<a href="#">Flood Disaster Simulation</a>	S1S2
3713-080	<a href="#">Geographic Information Systems</a>	S1
3713-082	<a href="#">Earthquake and Geo-disaster Mitigation Engineering</a>	A1A2
3713-084	<a href="#">Integrated Knowledge on Disaster and Environmental Risk Management</a>	A1A2
3713-089	<a href="#">Remote sensing E</a>	A1
3713-090	<a href="#">Photogrammetry and Pattern Recognition E</a>	S1
3713-091	<a href="#">Advanced Geotechnical Engineering E</a>	S1
3713-092	<a href="#">Principles of Geotechnical Engineering E</a>	A1A2
3713-093	<a href="#">River Engineering E</a>	S1
3713-094	<a href="#">Advanced Coastal Engineering E</a>	S2
3713-095	<a href="#">Sediment transport in hydrosphere E</a>	A1A2
3713-096	<a href="#">Hydrospheric Science Project E</a>	S1S2
3713-097	<a href="#">Transportation and urban design studio E</a>	A1
3713-098	<a href="#">Advanced Transportation and urban analysis E</a>	S1
3713-099	<a href="#">Wind Power Engineering E</a>	S1
3713-116	<a href="#">Coastal Hydrodynamics</a>	S1

### Department of Architecture (建築学専攻)

3714-045	<a href="#">Research in Architecture IA</a>	S1S2
3714-046	<a href="#">Research in Architecture IB</a>	A1A2
3714-047	<a href="#">Research in Architecture IIA</a>	S1S2
3714-048	<a href="#">Research in Architecture IIB</a>	A1A2
3714-049	<a href="#">Individual Research in Architecture IA</a>	S1S2
3714-050	<a href="#">Individual Research in Architecture IB</a>	A1A2

3714-056	<a href="#">Advanced Management of Project</a>	S1S2
3714-090	<a href="#">Research in Architecture IIIA</a>	S1S2
3714-091	<a href="#">Research in Architecture IIIB</a>	A1A2
3714-092	<a href="#">Research in Architecture IVA</a>	S1S2
3714-093	<a href="#">Research in Architecture IVB</a>	A1A2
3714-094	<a href="#">Research in Architecture VA</a>	S1S2
3714-095	<a href="#">Research in Architecture VB</a>	A1A2
3714-096	<a href="#">Individual Research in Architecture IIA</a>	S1S2
3714-097	<a href="#">Individual Research in Architecture IIB</a>	A1A2
3714-098	<a href="#">Architecture and Cities in Japan 1</a>	S1S2
3714-099	<a href="#">Architecture and Cities in Japan 2</a>	A1A2
3714-108	<a href="#">Internship 1</a>	Year round
3714-109	<a href="#">Internship 2</a>	Year round
3714-113	<a href="#">Special Seminar for Architectural Practice I</a>	Year round
3714-114	<a href="#">Special Seminar for Architectural Practice II</a>	Year round
3714-116	<a href="#">Architectural Concepts and Design Methodologies</a>	S1S2
3714-119	<a href="#">Computational Design in Architecture</a>	A1A2
3714-122	<a href="#">Design of Structures and Theory of Generalized Inverse</a>	S1
3714-130	<a href="#">Architectural Design I A</a>	S1S2
3714-131	<a href="#">Architectural Design I B</a>	A1A2
3714-132	<a href="#">Architectural Design II A</a>	S1S2
3714-133	<a href="#">Architectural Design II B</a>	A1A2

#### **Department of Urban Engineering (都市工学専攻)**

3716-037	<a href="#">Advanced Course in Environmental Engineering Laboratory</a>	A1
3716-045	<a href="#">Advanced Water Quality Engineering</a>	S1
3716-094	<a href="#">Fundamentals of Water Pollution Control</a>	A2
3716-111	<a href="#">Field Exercise I-B (E)</a>	Year round
3716-112	<a href="#">Field Exercise II-B (E)</a>	Year round
3716-113	<a href="#">Field Exercise III-B (E)</a>	Year round
3716-114	<a href="#">Field Exercise IV-B (E)</a>	Year round
3716-116	<a href="#">Urban Water Systems</a>	S1S2
3716-142	<a href="#">Risk Mngement of Urban Flood Disaster</a>	A1
3717-020	<a href="#">Urban Transport Policy</a>	A1
3717-021	<a href="#">Urban Transport Planning and Analysis</a>	A2
3717-024	<a href="#">Hazardous Waste Management</a>	A2
3717-025	<a href="#">Environmental Risk Management</a>	S1
3717-026	<a href="#">Urban planning in developing countries</a>	A1A2
3717-030	<a href="#">Residential Environment</a>	S1
3717-031	<a href="#">Regional Planning</a>	A1
3717-032	<a href="#">Urban Development Policy and Planning</a>	A2
3717-041	<a href="#">Systems and Tools toward a Sound Material-cycle Society</a>	S2

#### **Department of Mechanical Engineering (機械工学専攻)**

3722-004	<a href="#">Micro Thermal and Fluids Systems</a>	A1A2
3722-057	<a href="#">Fluid Structure Interaction -Modeling and Design</a>	S1S2
3722-060	<a href="#">Molecular Thermo-Fluid Engineering</a>	S1S2
3722-101	<a href="#">Applied Mathematics for Mechanical Engineering</a>	S1S2

3722-107	<a href="#">Solid Mechanics Seminar</a>	A1A2
3722-108	<a href="#">Advanced Thermal and Fluids Engineering</a>	A1A2
3722-112	<a href="#">Molecular Dynamics &amp; Nanotechnology</a>	A1A2
3722-114	<a href="#">Active Vibration Control</a>	A1A2
3722-118	<a href="#">Basic Theory of Extended Nano Space</a>	A1A2
3722-119	<a href="#">Nano/Micro Energy Systems</a>	A1A2
3724-052	<a href="#">The Practice of Machine Design</a>	A1A2
3724-079	<a href="#">Mechano-Bioengineering</a>	S1S2
3724-080	<a href="#">Information and Measurement</a>	S1S2

#### Department of Precision Engineering (精密工学専攻)

3729-010	<a href="#">Prototyping Technique for Nano/Micro Systems I</a>	S2
3729-045	<a href="#">Practice in International Workshop on Precision Engineering</a>	Year round
3729-049	<a href="#">Special Seminar of Precision Engineering M</a>	Year round
3729-050	<a href="#">Special Seminar of Precision Engineering D</a>	Year round
3729-056	<a href="#">Advanced Lectures on Precision Engineering VI</a>	A1A2
3729-069	<a href="#">廃止措置持論 E No English Title (Japanese/English)</a>	A1A2

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

3734-002	<a href="#">Aerodynamic Design of Aircraft</a>	A1A2
3734-033	<a href="#">Space Structural Engineering</a>	A1A2
3734-035	<a href="#">Applied Fracture Mechanics</a>	S1S2
3734-079	<a href="#">Propulsion and Energy Systems</a>	A1A2

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

3736-107	<a href="#">Global Environmental and Energy Policy</a>	A2
3736-116	<a href="#">Advanced Simulation Technology</a>	A1A2
3736-123	<a href="#">Recycling process and system engineering</a>	A1A2
3736-137	<a href="#">Simulation Technologies for Complicated/Complex Phenomena</a>	S1
3736-140	<a href="#">Computational Complex Analysis</a>	A1

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

3747-014	<a href="#">Electrical Engineering for Transport System</a>	A1A2
3747-015	<a href="#">Semiconductor Integrated Processing</a>	S1S2
3747-018	<a href="#">System and Control Theory</a>	S1S2
3747-046	<a href="#">Fundamentals of Semiconductor Devices</a>	A1A2
3747-106	<a href="#">Cognitive Multi-Media Processing</a>	A1A2
3747-110	<a href="#">Multithreaded Parallel Computing</a>	S1S2
3747-118	<a href="#">Fundamentals of Optics and Photonics</a>	A1A2

#### Department of Applied Physics (物理工学専攻)

3752-056	<a href="#">Condensed Matter Physics</a>	A1
3752-084	<a href="#">Material Science</a>	S1S2
3752-085	<a href="#">Computational Physics</a>	A1A2

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

3765-041	<a href="#">Advanced Materials Engineering I</a>	A1
3765-042	<a href="#">Advanced Materials Engineering II</a>	S1
3765-104	<a href="#">Advanced Lecture on Polyelectrolyte solutions</a>	S1
3765-111	<a href="#">Advanced Lecture on Structural Physics</a>	S1
3765-122	<a href="#">Advanced Lecture on Device Process Engineering</a>	S1
3765-128	<a href="#">Advanced Lecture on High Temperature Production and Recycling Processes</a>	S1
3765-140	<a href="#">Advanced Lecture on Material Modeling</a>	S1
3765-147	<a href="#">Advanced Lecture on Medical Technologies</a>	S1

**Department of Applied Chemistry (応用化学専攻)**

3771-403	<a href="#">Basic Physical Chemistry I</a>	S1
3771-404	<a href="#">Basic Physical Chemistry II</a>	S2
3771-405	<a href="#">Basic Organic Chemistry I</a>	S1
3771-406	<a href="#">Basic Organic Chemistry II</a>	S2
3771-407	<a href="#">Basic Inorganic/Analytical Chemistry I</a>	S1
3771-408	<a href="#">Basic Inorganic/Analytical Chemistry II</a>	S2
3771-431	<a href="#">Special Lecture on Advanced Chemistry I</a>	Year round
3771-432	<a href="#">Special Lecture on Advanced Chemistry II</a>	Year round
3771-440	<a href="#">Special Lecture on Advanced Chemistry III</a>	Year round

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

3773-044	<a href="#">Advanced Chemical Reaction Engineering</a>	S1S2
3773-058	<a href="#">Presentation, Discussion and Reporting</a>	A1A2
3773-112	<a href="#">Advanced Lectures on Separation Engineering</a>	S1S2
3773-118	<a href="#">Fluid Mechanics Principles in the Fabrication of Functional Coatings</a>	A1A2
3773-167	<a href="#">Advanced lecture on pharmaceutical process systems engineering</a>	A2
3773-403	<a href="#">Basic Physical Chemistry I</a>	S1
3773-404	<a href="#">Basic Physical Chemistry II</a>	S2
3773-405	<a href="#">Basic Organic Chemistry I</a>	S1
3773-406	<a href="#">Basic Organic Chemistry II</a>	S2
3773-407	<a href="#">Basic Inorganic/Analytical Chemistry I</a>	S1
3773-408	<a href="#">Basic Inorganic/Analytical Chemistry II</a>	S2
3773-431	<a href="#">Special Lecture on Advanced Chemistry I</a>	Year round
3773-432	<a href="#">Special Lecture on Advanced Chemistry II</a>	Year round
3773-440	<a href="#">Special Lecture on Advanced Chemistry III</a>	Year round

**Department of Chemistry and Biotechnology (化学生命工学専攻)**

3775-403	<a href="#">Basic Physical Chemistry I</a>	S1
3775-404	<a href="#">Basic Physical Chemistry II</a>	S2
3775-405	<a href="#">Basic Organic Chemistry I</a>	S1
3775-406	<a href="#">Basic Organic Chemistry II</a>	S2
3775-407	<a href="#">Basic Inorganic/Analytical Chemistry I</a>	S1
3775-408	<a href="#">Basic Inorganic/Analytical Chemistry II</a>	S2
3775-431	<a href="#">Special Lecture on Advanced Chemistry I</a>	Year round
3775-432	<a href="#">Special Lecture on Advanced Chemistry II</a>	Year round
3775-440	<a href="#">Special Lecture on Advanced Chemistry III</a>	Year round

**Department of Advanced Interdisciplinary Studies (先端学際工学専攻)**

3788-034	<a href="#">University Entrepreneurship</a>	A1A2
3788-043	<a href="#">Leadership-talent growth program(II)-English in Advanced Science and Technology-</a>	A1A2
3788-075	<a href="#">Energy Technology and Natural Resources I</a>	S1S2
3788-076	<a href="#">Needs-Inspired Invention and Entrepreneurship</a>	S1S2

**Department of Nuclear Engineering and Management (原子力国際専攻)**

3789-032	<a href="#">Nuclear Reactor Theory and Radiation Physics</a>	S1
3789-033	<a href="#">Nuclear Thermal-hydraulics and Structural Mechanics</a>	S2
3789-034	<a href="#">Overview of Energy Systems</a>	S2
3789-035	<a href="#">Social Science Essentials</a>	S1
3789-036	<a href="#">Chemistry in Nuclear Engineering</a>	S1
3789-037	<a href="#">Radiation Biology</a>	S1
3789-038	<a href="#">Fundamentals in Nuclear Physics</a>	S1
3789-039	<a href="#">Nuclear Safety Engineering</a>	A1A2
3789-040	<a href="#">Maintenance Engineering in Complex Systems</a>	S1S2
3789-041	<a href="#">Radiation Safety</a>	S1S2
3789-042	<a href="#">Nuclear Fuel Engineering</a>	A1A2
3789-043	<a href="#">Nuclear Nonproliferation and Security</a>	A1A2
3789-045	<a href="#">Nuclear Plant Engineering</a>	A1A2
3789-046	<a href="#">Applied Radiation Engineering</a>	A1A2
3789-047	<a href="#">Management of Spent Fuel and Radioactive Waste</a>	A1A2
3789-048	<a href="#">Advanced Radiation Measurements</a>	S1S2
3789-056	<a href="#">Severe Accident (Advanced)</a>	A1A2
3789-057	<a href="#">Advanced Lecture on Simulation Science</a>	A1A2
3789-058	<a href="#">Advanced Lecture on Nuclear Fuel Cycle</a>	S1S2
3789-059	<a href="#">Introduction to Nuclear Engineering</a>	A1A2
3789-060	<a href="#">Special Lecture on Decommissioning and Dismantling</a>	A1A2
3789-073	<a href="#">Colloquiums on Nuclear Engineering and Management I</a>	S1S2
3789-074	<a href="#">Colloquiums on Nuclear Engineering and Management II</a>	A1A2
3789-075	<a href="#">Workshop on Nuclear Engineering and Management</a>	S1S2
3789-090	<a href="#">Nuclear Engineering Master's Course Seminar 1</a>	S1S2
3789-091	<a href="#">Nuclear Engineering Master's Course Seminar 2</a>	A1A2
3789-092	<a href="#">Nuclear Engineering Master's Course Seminar 3</a>	S1S2
3789-093	<a href="#">Nuclear Engineering Master's Course Seminar 4</a>	A1A2
3789-094	<a href="#">Nuclear Engineering Doctoral Course Seminar 1</a>	S1S2
3789-095	<a href="#">Nuclear Engineering Doctoral Course Seminar 2</a>	A1A2
3789-096	<a href="#">Nuclear Engineering Doctoral Course Seminar 3</a>	S1S2
3789-097	<a href="#">Nuclear Engineering Doctoral Course Seminar 4</a>	A1A2
3789-098	<a href="#">Nuclear Engineering Doctoral Course Seminar 5</a>	S1S2
3789-099	<a href="#">Nuclear Engineering Doctoral Course Seminar 6</a>	A1A2
3789-105	<a href="#">Nuclear Engineering Master's Course Exercise 1</a>	S1S2
3789-106	<a href="#">Nuclear Engineering Master's Course Exercise 2</a>	A1A2
3789-107	<a href="#">Nuclear Engineering Master's Course Exercise 3</a>	Year round
3789-108	<a href="#">Nuclear Risk Management</a>	S1S2
3789-109	<a href="#">Colloquiums on Nuclear Engineering and Management III</a>	Year round
3789-113	<a href="#">Nuclear Engineering Doctor's Course Exercise 1</a>	Year round
3789-114	<a href="#">Nuclear Engineering Doctor's Course Exercise 2</a>	Year round
3789-115	<a href="#">Nuclear Engineering Doctor's Course Exercise 3</a>	Year round

**Department of Bio Engineering (バイオエンジニアリング専攻)**

3791-108	<a href="#">Advanced Biomaterials</a>	A2
3791-113	<a href="#">Radiation Biology</a>	S1
3791-116	<a href="#">Bioengineering exercise for social implementation 1</a>	S1S2
3791-117	<a href="#">Bioengineering exercise for social implementation 2</a>	S1S2
3791-118	<a href="#">Basic Biology</a>	S1
3791-119	<a href="#">Overview of Chemical Bioengineering</a>	S2
3791-121	<a href="#">Basic Bioelectronics</a>	S1
3791-122	<a href="#">Overview of Bioelectronics</a>	S2
3791-211	<a href="#">Overview of Mechano bioengineering 2</a>	S1S2
3791-216	<a href="#">Overview of Bioimaging 2</a>	S1S2
3791-521	<a href="#">Bioengineering Seminar 1(A)</a>	S1S2
3791-522	<a href="#">Bioengineering Seminar 1(B)</a>	A1A2
3791-523	<a href="#">Bioengineering Seminar 2(A)</a>	S1S2
3791-524	<a href="#">Bioengineering Seminar 2(B)</a>	A1A2
3791-601	<a href="#">Bioengineering Seminar 3(A)</a>	S1S2
3791-602	<a href="#">Bioengineering Seminar 3(B)</a>	A1A2
3791-603	<a href="#">Presentation and writing in bioengineering</a>	A1A2
3791-604	<a href="#">Advanced Experiments on Bioengineering 5</a>	Year round
3791-605	<a href="#">Advanced Research on Bioengineering 5</a>	Year round

**Department of Technology Management for Innovation (技術経営戦略学専攻)**

3792-129	<a href="#">Risk Management</a>	A1A2
3792-130	<a href="#">Innovation and Entrepreneurship</a>	A1A2
3792-131	<a href="#">International Intellectual Property Management</a>	A1A2
3792-132	<a href="#">Econometric Analysis</a>	A1A2
3792-135	<a href="#">Economic Development of Japan</a>	S1S2
3792-140	<a href="#">Resilience Informatics for Innovation</a>	A1A2
3792-141	<a href="#">Global Business Strategy and Policy</a>	S1S2
3792-142	<a href="#">Quantitative Methods for Management and Policy Analysis</a>	S1
3792-146	<a href="#">Science, Technology and Public Policy</a>	A1
3792-150	<a href="#">Advanced Technology Management</a>	A1A2

**General Subjects (共通)**

3799-027	<a href="#">Advanced Academic Writing</a>	A1
3799-028	<a href="#">Advanced Academic Presentation</a>	A2
3799-029	<a href="#">Academic Writing</a>	S1
3799-030	<a href="#">Academic Presentation</a>	S2
3799-136	<a href="#">Advanced Lecture on Resilience Engineering</a>	S1S2
3799-138	<a href="#">Systems Safety</a>	S1S2
3799-139	<a href="#">Sensing for Resilient Systems</a>	A1A2
3799-800	<a href="#">Higher Perspectives for Biomedical Engineering</a>	Year round
3799-801	<a href="#">Biomedical Engineering Social Implementation</a>	A1A2



## 2. Undergraduate Program

### Department of Civil Engineering (社会基盤学科)

FEN-CE4m17T2	<a href="#">Independent Project</a>	Year round
FEN-CE4m18T2	<a href="#">Civil Engineering Project</a>	Year round
FEN-CE5m41L3	<a href="#">Projects in Developing Countries</a>	A1A2
FEN-CE4002L3	<a href="#">Basic International Communication II</a>	A1A2
FEN-CE4001L3	<a href="#">Basic International Communication I</a>	S1S2
FEN-CE5407L3	<a href="#">Advanced Lectures on Sociotechnology</a>	S1S2
FEN-CE5a14L2	<a href="#">Wind Engineering and Structures</a>	S1
FEN-CE5a14L2	<a href="#">Wind Engineering and Structures</a>	S1
FEN-CE5a16L2	<a href="#">Dynamics, Control and Monitoring of Structures</a>	A1
FEN-CE5a16L2	<a href="#">Dynamics, Control and Monitoring of Structures</a>	A1
FEN-CE5a13L2	<a href="#">Advanced Geotechnical Engineering</a>	S1
FEN-CE5a13L2	<a href="#">Advanced Geotechnical Engineering</a>	S1
FEN-CE5a15L2	<a href="#">Advanced Structural Design</a>	A2
FEN-CE5a15L2	<a href="#">Advanced Structural Design</a>	A2

### Department of Urban Engineering (都市工学科)

03-169030	<a href="#">Graduation Thesis, Urban Engineering</a>	A1A2
FEN-UE3913S2	<a href="#">Global seminar on urban engineering 1</a>	S1
FEN-UE3914S2	<a href="#">Global seminar on urban engineering 2</a>	A1

### Department of Mechanical Engineering (機械工学科)

03-202621	<a href="#">Information and Measurement</a>	S1S2
FEN-MX5b23L3	<a href="#">Applied Mathematics for Mechanical</a>	S1S2
03-202630	<a href="#">Mechanical Engineering Seminar</a>	S1S2
FEN-MX3905S2	<a href="#">Seminar of Mechanical Engineering in English</a>	A1A2

### Department of Aeronautics and Astronautics (航空宇宙工学科)

03-352030	<a href="#">Introduction to Aerospace System Engineering</a>	S1S2
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### Department of Precision Engineering (精密工学科)

03-370031	<a href="#">Presentation in English for Precision Engineering A</a>	S1S2
03-370031	<a href="#">Presentation in English for Precision Engineering A</a>	S1S2
03-370032	<a href="#">Presentation in English for Precision Engineering B</a>	S1S2
FEN-PE3903S2	<a href="#">Seminar and factory tour</a>	A1A2
03-370032	<a href="#">Presentation in English for Precision Engineering B</a>	S1S2
FEN-PE3903S2	<a href="#">Seminar and factory tour</a>	A1A2
FEN-PE3903S2	<a href="#">Seminar and factory tour</a>	A1A2

### Department of Applied Physics (物理工学科)

03-501204	<a href="#">Solid State Physics (4)</a>	A1
03-501204	<a href="#">Solid State Physics (4)</a>	A1
03-541620	<a href="#">Seminar in Mathematical Information Engineering</a>	S1S2
03-545152	<a href="#">Seminar in Information Physics and Computing 2</a>	A1A2
03-545181	<a href="#">Exercises in Mathematical Information Engineering 2A</a>	S1S2
03-545182	<a href="#">Exercises in Mathematical Information Engineering 2B</a>	A1A2

FEN-MP3920S1	<a href="#">Exercises in Mathematical Information Engineering 1A</a>	S1S2
FEN-MP3920S1	<a href="#">Exercises in Mathematical Information Engineering 1A</a>	S1S2
03-541620	<a href="#">Seminar in Mathematical Information Engineering</a>	S1S2
03-545151	<a href="#">Seminar in Information Physics and Computing 1</a>	S1S2
03-545152	<a href="#">Seminar in Information Physics and Computing 2</a>	A1A2
03-545181	<a href="#">Exercises in Mathematical Information Engineering 2A</a>	S1S2
03-545182	<a href="#">Exercises in Mathematical Information Engineering 2B</a>	A1A2
FEN-AP3961S2	<a href="#">Seminar in Applied Physics 1</a>	S1S2
FEN-MP3920S1	<a href="#">Exercises in Mathematical Information Engineering 1A</a>	S1S2
FEN-MP3920S1	<a href="#">Exercises in Mathematical Information Engineering 1A</a>	S1S2
03-525150	<a href="#">Advanced Seminar in Applied Physics</a>	S1S2
FEN-AP3961S2	<a href="#">Seminar in Applied Physics 1</a>	S1S2

#### Department of Materials Engineering (マテリアル工学科)

FEN-MA3e22L3	<a href="#">Introduction to Structural Materials</a>	A1A2
FEN-MA3e23L3	<a href="#">Introduction to Semiconductor Materials</a>	A1A2
FEN-MA3f02L3	<a href="#">Introduction to Nano-Biomaterials</a>	A1A2
FEN-MA3902S3	<a href="#">Seminars for Materials Engineering</a>	S1S2
FEN-MA4914L3	<a href="#">UT-MIT International Lecture</a>	S1

#### Department of Chemistry and Biotechnology (化学生命工学科)

03-707110	<a href="#">Experiments and Exercises in Chemistry and Life Science</a>	S1S2
03-739010	<a href="#">Graduation Thesis, Applied Chemistry</a>	Year round
03-759010	<a href="#">Graduation Thesis, Chemical System Engineering</a>	Year round
03-779010	<a href="#">Graduation Thesis, Chemistry and Biotechnology</a>	Year round
03-701632	<a href="#">Chemical Reaction Engineering II</a>	S1S2
03-702192	<a href="#">Separation Technology II</a>	S1S2
FEN-CH3317L2	<a href="#">Chemical Reaction Engineering I</a>	A1A2
FEN-CS3m04S2	<a href="#">Readings on Chemical Systems Engineering</a>	A1A2
03-703650	<a href="#">Presentation, Discussion and Reporting</a>	A1A2
FEN-CB2001L3	<a href="#">Introductory lectures for chemistry and biotechnology</a>	A1A2

#### Department of System Innovations (システム創成学科)

03-800120	<a href="#">Fundamental Mechanics</a>	S1
03-800130	<a href="#">Advanced Environment &amp; Energy</a>	S2
03-812043	<a href="#">Communication Technique A3</a>	S2
03-812043	<a href="#">Communication Technique A3</a>	S2
03-800130	<a href="#">Advanced Environment &amp; Energy</a>	S2
03-810540	<a href="#">Nuclear Reactor Engineering</a>	S1S2
03-812042	<a href="#">Communication Technique A2</a>	S1
03-812042	<a href="#">Communication Technique A2</a>	S1
03-800120	<a href="#">Fundamental Mechanics</a>	S1
03-810380	<a href="#">Energy Beam Applications and Quantum/Relativistic Mechanics</a>	S1S2
03-812041	<a href="#">Communication Technique A1</a>	S2
03-812041	<a href="#">Communication Technique A1</a>	S2



FEN-SB3020L3	<a href="#">Communication Technique</a>	S2
FEN-SB3020L3	<a href="#">Communication Technique</a>	S2
FEN-SI3b41L3	<a href="#">Heat Transfer and Thermodynamics</a>	A1
FEN-SI3b41L3	<a href="#">Heat Transfer and Thermodynamics</a>	A1

**General Subjects (共通)**

FEN-CO4420L3	<a href="#">Sustainable Urban Management</a>	S1S2
FEN-CO4450L3	<a href="#">Visualizing Japan in the Modern World</a>	A1A2
FEN-CO4901P2	<a href="#">Creativity Engineering Project for UnderGraduate I</a>	S1S2
FEN-CO4902P2	<a href="#">Creativity Engineering Project for UnderGraduate II</a>	A1A2
FEN-CO4903P2	<a href="#">Creativity Engineering Project for UnderGraduate III</a>	S1S2
FEN-CO4940L3	<a href="#">Nanoscience</a>	S1S2