Graduate School of Science and Engineering
Master's Program

Subjects
English for Science and Technology Presentations I
English for Science and Technology Presentations I (Overseas Training)
Science, Technology, and Society
Ethics in Science and Technology
Environmental Science
Risk Assessment of Engineering Systems
Welfare Engineering
Graduate Seminar in Physics A
Graduate Seminar in Mathematics A
Graduate Seminar in Chemical Topics A
Graduate Seminar in Material Science A
Graduate Seminar in Material Engineering A
Graduate Seminar in Biological Science A
Graduate Seminar in Electrical Engineering and Electronics A
Graduate Seminar in Mechanical Engineering A
Graduate Seminar in Information Technology A
Graduate Seminar in Management Technology A
Graduate Seminar in Physics B
Graduate Seminar in Mathematics B
Graduate Seminar in Chemical Topics B
Graduate Seminar in Material Science B
Graduate Seminar in Material Engineering B
Graduate Seminar in Biological Science B
Graduate Seminar in Electrical Engineering and Electronics B
Graduate Seminar in Mechanical Engineering B
Graduate Seminar in Information Technology B
Graduate Seminar in Management Technology B
Graduate Seminar in Physics C
Graduate Seminar in Mathematics C
Graduate Seminar in Chemical Topics C
Graduate Seminar in Material Science C
Graduate Seminar in Biological Science C
Graduate Seminar in Electrical Engineering and Electronics C
Graduate Seminar in Mechanical Engineering C
Graduate Seminar in Information Technology C
Graduate Seminar in Management Technology C
Graduate Seminar in Physics D
Graduate Seminar in Mathematics D
Graduate Seminar in Chemical Topics D
Graduate Seminar in Material Science D
Graduate Seminar in Material Engineering D
Graduate Seminar in Biological Science D
Graduate Seminar in Electrical Engineering and Electronics D
Graduate Seminar in Mechanical Engineering D
Graduate Seminar in Information Technology D
Graduate Seminar in Management Technology D
Graduate Laboratory for Science and Engineering A
Graduate Laboratory for Science and Engineering B
Graduate Laboratory for Science and Engineering C
Graduate Laboratory for Science and Engineering D
Techno-business Frontier Training E
Techno-business Frontier Practical Training F
Graduate Seminar in Interdisciplinary Frontier Program G
Graduate Seminar in Interdisciplinary Frontier Program H
Global New Economy
High-tech Business Strategy
Intellectual Property
Internship
Overseas Internship
Product Safety and Social System
Advanced Topics on Data Analysis
Practice in Statistical Data Analysis
Applied Practice in Machine Learning Algorithms

Problem Based Practice in Data Science
Field Theory A
Field Theory B
Advanced Quantum Mechanics
Advanced Statistical Physics A
General Relativity
Advanced Astrophysics C
Advanced Course of Cosmic Radiation
Advanced Astrophysics A
Data Reduction and Analysis for Experimental Science
Advanced Astrophysics B
Topics in Algebra
Topics in Geometry
Topics in Analysis
Advanced lecture on applied mathematics
Representation Theory
Theory of Lie Groups
Combinatorics
Advanced lecture on computational mathematics
Theory of stochastic processes
Discrete Mathematics
Geometric Topology
Dynamical Systems
Functional Equations
Spectral Theory
Topics in Physical Science I
Topics in Mathematical Science I
Topics in Physical Science II
Topics in Mathematical Science II
Introduction to Advanced Physics
Introduction to Advanced Mathematical Sciences
Advanced Statistical Physics B
Nonlinear Mathematics
Advanced Molecular Electronic Structure
Advanced Photochemistry
Advanced Quantum Chemistry
Advanced Organic Chemistry
Advanced Inorganic Chemistry
Advanced Lecture on Chemistry I
Advanced Lecture on Chemistry II
Chemistry of Natural Products
Advanced Cooridnation Chemistry on Material Science

Theory of Nanocarbon Materials
Advanced Condensed Matter Physics I
Advanced Condensed Matter Physics II
Advanced Solid State Physics I
Advanced Solid State Physics II
Advanced Inorganic Materials
Advanced Electronic Phenomena in Materials
Advanced Nano Science
Advanced Inorganic Thin Film Engineering
Advanced Crystal Chemistry
Advanced Surface Analysis
Advanced Lecture on Photonic Devices
Selected Topics in Materials Science
Introduction to Materials Science
Frontiers in Biological Science
Fundamentals in Biochemistry and Molecular Biology
Cell Biology
Advanced Protein Science
Advanced Biotechnology
Methods in Biological Science A
Methods in Biological Science B
Topics in Biological Science A
Topics in Biological Science B
Microbial molecular biology
Neuroscience
Structural Biochemistry
Advanced Bioinformatics
Genome Informatics
Biofunctional Chemistry
Bioanalytical Chemistry
Bioimaging
Biomechanics
Advanced Electronic Materials I
Advanced Semiconductor Devices
Advanced Electronic Materials II
Advanced Level Electronic Properties of
Advanced Electronics I
Advanced Electronics II
Bio-electronics
Advanced Microwave and Millimeter-wave Measurements
Advanced Electromagnetic Compatibility Engineering
Advanced Electronic Circuit
Information Engineering
Advanced Electronic Communications
Signal Processing
Switching Circuit Theory
Synthesis of Optimal Control System
Intelligent Control System
Power Electronics
Motor Drive Systems
Analog Digital Circuit Technology
Advanced Course on Strength of Materials
Advanced Course on Measurement by Ultrasonic and Laser Technology
Advanced Course on Materials Engineering
Advanced Course on Heat Transfer
Advanced Course on Fluid Dynamics
Advanced Course on Mechanical Dynamics
Advanced Course on Machine Tools
Advanced Course on Production Processing
Tribology, Advanced Design and Manufacturing
Advanced Course on Aerospace Engineering
Advanced Course on Energy System
Advanced Course on Structural Materials in Space Engineering
Advanced Course on Control of Mechanical Systems
Advanced Lecture on Transport Phenomena
Advanced Human Computer Interaction
Advanced Course on Virtual Reality
Internet Technologies
Advances Topics in Wireless Communication Systems

Advanced Topics in High End Computing
Advanced Topics in Information Security
Advanced Topics in Data Science
Special Topics in Discovery Science
Nonlinear and Intelligent Control
Special Topics in Robotics
Kinesiology
Embodied Intelligence
Advanced Artificial Intelligence
Intelligent Software
Practical CAE Application Engineering
Advanced Image Processing
Advanced Course on Multi-Media Engineering
World Wide Web Architecture
Advanced Topics in Software Technology
Sensing Venture Business
Advanced Topics in Smart Media
Advanced Topics in Wearable Media
Advanced Computational Design
Advanced Computer Animation
Advances in Combinatorial Optimization I
Decision Theory I
Advanced Studies in Quality Information Systems I
Advanced Mathematical Optimization I
Collaborative Work System I
Special Lectures on Management Technology
Advances in Combinatorial Optimization II
Decision Theory II
Advanced Studies in Quality Information Systems II
Advanced Mathematical Optimization II
Collaborative Work System II
KAIZEN Management I
KAIZEN Management II
Advanced Business Management Systems I
Advanced Business Management Systems II
Advanced System Engineering I
Advanced System Engineering II
Advanced Statistical Machine Learning I
Advanced Statistical Machine Learning II
English for Science and Technology Presentations II