Graduate School of Engineering Science Specialization and research field of supervisors

| Department | Unit | Name | Title | Specialization (M: Master's program) (D: Doctoral program) | Research Field | Language | Type of Students Accepted | |
|------------------------------------------------------------------------|-------------------------------|------------------|-----------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------|---------------------------|----------|
| | | | | | | Requirements | Doctoral | Master's |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | ARAKI Takuto | Professor | Mechanical Engineering(MD) and Energy Materials(D) | Thermo-fluid Dynamics, Mass and heat Transfer, Fuel Cells, Micro Electro Mechanical Systems | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | ISHII Kazuhiro | Professor | Mechanical Engineering(MD) and Aerospace Engineering(M) | Combustion Engineering, Chemical Propulsion | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | YU Qiang | Professor | Mechanical Engineering(MD) and Process Integration(M) | Computational Mechanics, Strength of Materials | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | OZAKI Shingo | Professor | Mechanical Engineering(MD) and Energy Materials(D) | Constitutive Equation, Plasticity, Friction, Self-healing materials, Terramechanics | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | SATO Yasukazu | Professor | Mechanical Engineering(MD) | Mechatronics, Electromechanical Systems, Fluid Power Control, Power Transmission | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | HYAKUTAKE Toru | Professor | Mechanical Engineering(MD) | Computational Fluid Dynamics, Biomechanics, Micro Nano Flow | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | MAEDA Yusuke | Professor | Mechanical Engineering(MD) | Robotics, Manufacturing systems engineering | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | MATSUI Jun | Professor | Mechanical Engineering(MD) | Internal Flow in Fluid Machinery , Computational Fluid Dynamics | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | MARUO Shoji | Professor | Mechanical Engineering(MD) and Process Integration(M) | Ultrahigh-precision 3D printing, Micromachine, Micro Total Analysis System | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | INOUE Fumihiro | Associate Prof. | Mechanical Engineering(M) and Process Integration(M) | Advanced Packaging and 3D Integration | Japanese or English | _ | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | OTA Hiroki | Associate Prof. | Mechanical Engineering(MD) and Process Integrartion(M) | Micro/Nano fabrication, Sensor engineering, Soft material | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | KATO Rvu | Associate Prof. | Mechanical Engineering(MD) | Robotics, Medical welfare machine, Rehabilitation engineering, Brain machine interface | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | KITAMURA Keiichi | Associate Prof. | Mechanical Engineering(MD) and Aerospace Engineering(M) | Aerodynamics, Computational Fluid Dynamics, Hypersonic Flow, Multiphase Flow | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | SAKAI Seigo | Associate Prof. | Mechanical Engineering(MD) | Heat Transfer, Numerical Simulation, Radiative Exchange | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | SHINOZUKA Jun | Associate Prof. | Mechanical Engineering(MD) | Cutting, FEM, Dynamic Behavior of Material | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | TAKAO Yoshinori | Associate Prof. | Mechanical Engineering(MD) and Aerospace Engineering(M) | Electric Propulsion, Plasma Application | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | FUJISAWA Kei | Associate Prof. | Mechanical Engineering(M) | Droplet impact, Erosion, Polishing, Modeling | Japanese or English | _ | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | FUCHIWAKI Ohmi | Associate Prof. | Mechanical Engineering(MD) and Process Integration(M) | Micro mechanism, Micro manipulation, Actuator, Precise mobile robot | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Mechanical Engineering | KUROSE Kizuku | Assistant Prof. | Mechanical Engineering(M) | Heat transfer engineering, Heat exchanger, Heat transport device, Phase change heat transfer | Japanese or English | _ | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Materials Science Frontier | UMEZAWA Osamu | Professor | Materials Science Frontier(MD) and Energy Materials(D) | Physical Metallurgy, Microstructural Design and Control, Deformation and Fracture | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Materials Science Frontier | NAKAO Wataru | Professor | Materials Science Frontier(MD) and Energy Materials(D) | Machine material/material mechanics, Inorganic material/physical properties, Structural/functional materials | Japanese or English | 0 | 0 |

| Department | Unit | Name | Title | Specialization (M: Master's program) (D: Doctoral program) | Research Field | Language Requirements | Type of Students Accepted | |
|------------------------------------------------------------------------|-----------------------------------|---------------------|-----------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------|----------|
| | | | | | | | Doctoral | Master's |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Materials Science Frontier | HASEGAWA Makoto | Professor | Materials Science Frontier(MD) and Aerospace Engineering(M) | Strength of Materials, Fracture Mechanics, Microstructure Control, Composites, Coatings | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Materials Science Frontier | HIROSAWA Shoichi | Professor | Materials Science Frontier(MD) and Energy Materials(D) | Structural Materials Design, Microstructural Control of Metals, Computational Materials Science | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Materials Science Frontier | MUKAI Kohki | Professor | Materials Science Frontier(MD) | Semiconductor Nanostructures, Quantum Optical Material, Optoelectronics Materials, Microfabrication of Metals | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Materials Science Frontier | OHTAKE Mitsuru | Associate Prof. | Materials Science Frontier(MD), Energy Materials(D), and Process Integration(M) | Nanomaterials, Crystal Growth, Magnetism | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Materials Science Frontier | OONO-HORI Naoko | Associate Prof. | Materials Science Frontier(MD) | Reactor Structural Materials, Extreme Materials, Microstructure Analysis | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Materials Science Frontier | NAKATSUGAWA Hiroshi | Associate Prof. | Materials Science Frontier(MD) | Functional Material Engineering, Solid State Physics, Thermoelectric Materials, First Principles Calculation | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Materials Science Frontier | MAENO Tomovoshi | Associate Prof. | Materials Science Frontier(MD) | Manufacturing Processes, Forming Processes | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Materials Science Frontier | OSADA Toshio | Visiting Prof. | Energy Materials(D) | High Temperature Structural Materials, Microstructure of Materials, Strength of Materials, Fracture Mechanics | Japanese or English | 0 | - |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Systems Design for Ocean-Space | OKADA Tetsuo | Professor | Systems Design for Ocean-Space(MD) | Ship Structural Design, Structural Analysis | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Systems Design for Ocean-Space | KAWAMURA Yasumi | Professor | Systems Design for Ocean-Space(MD) | Structural Mechanics, Computer Aided Engineering, Structural Reliability | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Systems Design for Ocean-Space | NISHI Yoshiki | Professor | Systems Design for Ocean-Space(MD) | Marine Resource, Deepsea development, Seawater desalination | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Systems Design for Ocean-Space | MIYAJI Koji | Professor | Systems Design for Ocean-Space(MD) and Aerospace Engineering(M) | High Speed Aerodynamics, Computational Fluid Dynamics, Aircraft Design | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Systems Design for Ocean-Space | MURAI Motohiko | Professor | Systems Design for Ocean-Space(MD) | Design of Ocean Structures, Hydroelastic Responses of Huge Floating Structures, Hydrodynamics, Ocean Environmental Engineering, Ocean energy | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Systems Design for Ocean-Space | TAKAGI Youhei | Associate Prof. | Systems Design for Ocean-Space(MD) | Computational Fluid Dynamics, Drag Reduction, Multiphase Flow | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Systems Design for Ocean-Space | HIGUCHI Takehiro | Associate Prof. | Systems Design for Ocean-Space(MD) and Aerospace Engineering(M) | Attitude Control / Guidance and Control of Aerspace Vehicles, Aerospace Systems Design, Optimal Control, Unmmanned Aerial Vehicles | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Systems Design for Ocean-Space | HIRAKAWA Yoshiaki | Associate Prof. | Systems Design for Ocean-Space(MD) | Ship Motion, Ocean Wave, Experiments in Towing Tank and Actual Sea | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Systems Design for Ocean-Space | MITSUYUKI Taiga | Associate Prof. | Systems Design for Ocean-Space(MD) | Complex Systems Design, Systems Engineering | Japanese or English | 0 | 0 |
| Mechanical Engineering, Materials Science, and Ocean Engineering | Systems Design for Ocean-Space | LI Qiao | Associate Prof. | Systems Design for Ocean-Space(M) | Motion Responses of Floating Structures, Marine Renewable Energy, Aquacultural Engineering | Japanese or English | _ | 0 |