

# Tokai University Graduate School Guide 2024

## -Master's Program-

|  |     |
|--|-----|
| <b>Over View</b> .....   | P1  |
| <b>Campus Location</b> .....   | P2  |
| <b>Humanities &amp; Social Sciences Fields</b>                       |     |
| ◆ School of Letters  |     |
| • Course of Civilization Studies .....                               | P3  |
| • Course of History .....  | P3  |
| • Course of Japanese Literature .....                                | P3  |
| Japanese Literature Research Program                                 |     |
| Japanese Language Tuition Program                                    |     |
| • Course of English Literature .....                                 | P3  |
| • Course of Communications .....                                     | P4  |
| • Course of Tourism .....  | P4  |
| ◆ School of Political Science  |     |
| • Course of Political Science  |     |
| Political Science .....  | P4  |
| Local Government .....   | P4  |
| International Politics .....   | P4  |
| ◆ School of Economics  |     |
| • Course of Applied Economics .....                                  | P4  |
| ◆ School of Law  |     |
| • Course of Law .....  | P5  |
| ◆ School of Human Environmental Studies                              |     |
| • Course of Human Environmental Studies .....                        | P5  |
| ◆ School of Arts   |     |
| • Course of Music .....  | P5  |
| • Course of Fine Arts and Design .....                               | P5  |
| ◆ School of Physical Education                                       |     |
| • Course of Physical Education .....                                 | P5  |
| <b>Science &amp; Technology Fields</b>                               |     |
| ◆ School of Science  |     |
| • Course of Mathematics and Mathematical Sciences .....              | P6  |
| • Course of Physics .....  | P7  |
| • Course of Chemistry .....  | P7  |
| ◆ School of Engineering  |     |
| • Course of Electrical and Electronic Engineering .....              | P7  |
| • Course of Applied Science .....                                    | P8  |
| • Course of Architecture and Civil Engineering .....                 | P8  |
| • Course of Mechanical Engineering .....                             | P9  |
| • Course of Biomedical Engineering .....                             | P10 |
| ◆ School of Information and Telecommunication Engineering Bioscience |     |
| • Course of Information and Telecommunication Engineering .....      | P10 |
| ◆ School of Oceanography   |     |
| • Course of Oceanography .....                                       | P10 |
| ◆ School of Medicine   |     |
| • Course of Nursing .....  | P11 |
| ◆ School of Health Sciences  |     |
| • Course of Health Management .....                                  | P12 |
| ◆ School of Agriculture  |     |
| • Course of Agricultural Sciences .....                              | P12 |
| ◆ School of Biology  |     |
| • Course of Biology .....  | P12 |
| <b>Admission Process</b> .....                                       | P13 |
| <b>Admission Schedule</b> .....                                      | P14 |
| <b>MEMO</b> .....  | P14 |

## Over View

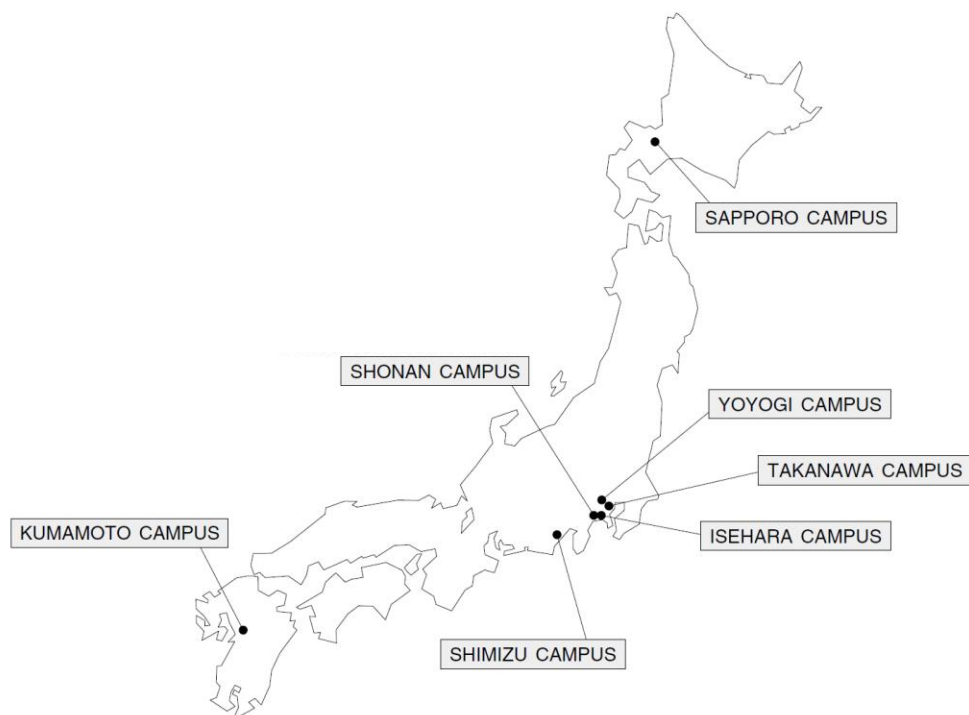
### ACCUMULATING LEADING-EDGE SCIENTIFIC THEORIES AND APPLICATIONS, BASED ON OUR FOUNDING SPIRIT OF EXHAUSTIVE STUDY IN SPECIALIST FIELDS

The Graduate School is aimed at those students who want to pursue advanced research after graduating. As a result of the rapid technological advances of the last few years, our society has advanced and diversified, such that there is a greater need than ever before for human resources with high-level expertise and technical skills. In response to this, the demand for graduate school places is also increasing, as students seek to play a leading role in future society. In response to the demands, Tokai University established its graduate school, offering 42 specialist subjects in 20 postgraduate courses. The University is taking advantage of its undergraduate experience to realize a diversified and advanced learning site with close cooperation between the postgraduate courses and specialties.

#### ◆ Important point to notice ◆

1. Doctoral degree courses in Graduate School of Science and Technology, Earth and Environmental Science, Bioscience, and master's degree courses in Graduate School of Engineering (except Biomedical Engineering course) are conducted in English. All graduate courses except the courses mentioned above shall be conducted in Japanese. If you do not have a sufficient Japanese skill, please start from the Japanese Language Course for International Students.
2. The names in *italic* are not able to become a supervisor. They only deliver the lectures.

# Campus Location



## SHONAN CAMPUS

4-1-1 Kitakaname, Hiratsuka-shi,  
Kanagawa 259-1292  
(tel. +81-463-58-1211)

School of Letters  
School of Cultural and Social Studies  
School of Political Science and Economics  
School of Law  
School of Humanities and Culture  
School of Physical Education  
School of Health Studies  
School of Science  
School of Information Science and Technology  
School of Engineering  
School of Tourism  
Graduate School of Letters  
Graduate School of Political Science  
Graduate School of Economics  
Graduate School of Law  
Graduate School of Human Environmental Studies  
Graduate School of Arts  
Graduate School of Physical Education  
Graduate School of Science  
Graduate School of Engineering

\*Starting from the third semester second year, classes in the School of tourism will be held at Yoyogi campus.

\*Starting from the fifth semester third year, classes in the Department of Bio Medical Engineering will be held at Isehara campus.

## YOYOGI CAMPUS

2-28-4 Tomigaya, Shibuya-ku,  
Tokyo 151-8677  
(tel. +81-3-3467-2211)

## TAKANAWA CAMPUS

2-3-23 Takanawa, Minato-ku,  
Tokyo 108-8619  
(tel. +81-3-3441-1171)

School of Information and  
Telecommunication Engineering  
Graduate School of Information and  
Telecommunication Engineering

## SHIMIZU CAMPUS

3-20-1 Orido, Shimizu-ku, Shizuoka-shi,  
Shizuoka 424-8610  
(tel. +81-54-334-0411)

School of Marine Science and Technology  
Graduate School of Marine Science &  
Technology

## ISEHARA CAMPUS

143 Shimokasuya, Isehara-shi,  
Kanagawa 259-1193  
(tel. +81-463-93-1121)

School of Medicine  
Graduate School of Engineering (Biomedical  
Engineering)  
Graduate School of Medicine  
Graduate School of Health Sciences  
\*The School of Medicine only offer classes related to these majors. Classes for other subjects are held at Shonan campus.

## KUMAMOTO CAMPUS

9-1-1 Toroku, Higashi-ku, Kumamoto-shi,  
Kumamoto 862-8652  
(tel. +81-96-382-1141)

School of Business Administration  
School of Industrial and Welfare Engineering  
School of Agriculture  
Graduate School of Agriculture  
\*Classes of the Undergraduate and Graduate School of Agriculture will be conducted mainly on Kumamoto Campus while some of the practical classes will be conducted on Tokai University Aso Farm.

## SAPPORO CAMPUS

1-1-1, 5-Jo Minami-sawa, Minami-ku,  
Sapporo-shi, Hokkaido 005-8601  
(tel. +81-11-571-5111)

School of International Cultural Relations  
School of Biological Science

## Humanities & Social Sciences Fields

### School of Letters (Shonan Campus)

#### -Course of Civilization Studies

| Name             | Title               | Areas of specialization (Research topics)                                     |
|------------------|---------------------|---|
| Seiro Haruta     | Professor           | The ancient Iranian history   |
| Hisashi Nakagawa | Professor           | European modern thought   |
| Norio Murata     | Professor           | Philosophy, Phenomenology, Time Theory  |
| Shuichi Odaira   | Professor           | Andean Indigenous History, Cultural Anthropology, Latin American Area Studies |
| Shogo Tanaka     | Professor           | Body Theory   |
| Kyoko Yamahana   | Associate Professor | Ancient Egyptology  |
| Tagayasu Naito   | Professor           | Southeastern Asian study, International Sociology                             |
| Tomoko Nakashima | Professor           | Japan-US Cultural History Study, American Regional Cultural Studies           |
| Tadaki Iio       | Associate Professor | Hungarian History, Habsburg History, East and Central Europe area Studies     |
| Teruaki Yoshida  | Associate Professor | Latin American Prehistory, Cultural Anthropology, Civilization                |
| Yuki Maruyama    | Associate Professor | History, American studies, Cultural History, Museum Studies                   |

#### -Course of History

| Name               | Title                      | Areas of specialization (Research topics)   |
|--------------------|----------------------------|---|
| Motohiro Kobayashi | Professor                  | Modern China-Japan Relations History  |
| Miu Sugawara       | Associate Professor        | British modern history  |
| Yoshitaka Hojo     | Professor                  | Japanese Archaeology, Particularly the Politics and Society of the Kofun period                               |
| Takehaya Matsumoto | Professor                  | Applied Archaeology   |
| Akihiro Misagawa   | Professor                  | Medieval History of Germany   |
| Kazushige Yamamoto | Professor                  | Modern History of Japan, Social History of the Army in Particular   |
| Naofumi Hoshino    | Professor                  | Meiji Restoration Political History   |
| Akiko Kawasaki     | Professor                  | Modern French · Jewish History  |
| Takeshige Santa    | Professor                  | Japanese Middle Ages Political History  |
| Ayako Hatanaka     | Associate Professor        | Japanese Ancient History, in particular the institutional system and the study of East Asian Exchange History |
| Makoto Arimura     | Professor                  | Western Asia Archeology, Cultural Heritage Studies  |
| Kenji Kanehira     | Associate Professor        | Modern history of Japan   |
| Kenji Tateishi     | Associate Professor        | Southwest China Ethnohistory  |
| Lee Sugi           | Junior Associate Professor | History of modern East Asian and International Relations  |
| Satoshi Otani      | Associate Professor        | Roman Antiquity   |

#### -Course of Japanese Literature

| [Japanese Literature Research Program] |                            |   |
|--|----------------------------|---|
| Name                                   | Title                      | Areas of specialization (Research topics)                                   |
| Yoshio Shimizu                         | Professor                  | Early Japanese Literature   |
| Koichiro Sukegawa                      | Professor                  | Mediaeval Literature  |
| Keiko Hori                             | Professor                  | Modern Literature   |
| Shimon Oki                             | Professor                  | Modern Literature, Contemporary Literature                                  |
| Katsuhiko Sasuga                       | Professor                  | International Political Economy   |
| Tomoyo Shimotori                       | Professor                  | Heian Period Literature   |
| Tatsuharu Adachihara                   | Junior Associate Professor | Modern & Contemporary Literature  |
| [Japanese Language Tuition Program]    |                            |   |
| Name                                   | Title                      | Areas of specialization (Research topics)                                   |
| Yoshitaka Kato                         | Professor                  | Japanese Language Education   |
| Sumiko Tonosaki                        | Professor                  | Japanese Language Education   |
| Arumomen Abudora                       | Professor                  | Contrastive Linguistics   |
| Shizuka Motoda                         | Professor                  | Linguistics, Japanese Language Education                                    |
| Miki Tagashira                         | Associate Professor        | Japanese Language Education, Phonetics                                      |
| Naoyuki Naganuma                       | Professor                  | Evaluation Theory, English Education  |
| Kanae Taguchi                          | Associate Professor        | Japanese Language Education, Japanese Language Education for Young Children |

#### -Course of English Literature

| Name             | Title               | Areas of specialization (Research topics) |
|------------------|---------------------|---|
| Ryoji Okuda      | Professor           | English Literature/Irish Literature       |
| Hiroki Narita    | Associate Professor | English Linguistics                       |
| Shizu Yamamoto   | Professor           | Communication                             |
| Hanako Hosaka    | Professor           | Applied Linguistics, Phonetics            |
| Takeshi Narasaki | Professor           | American Literature                       |

## -Course of Communications

| [Media study program]         |                            |  |
|-------------------------------|----------------------------|--|
| Name                          | Title                      | Areas of specialization (Research topics)                            |
| Koichi Iizuka                 | Professor                  | History of Media   |
| Takayoshi Kawai               | Professor                  | Regional Information Policy  |
| Hisamitsu Mizushima           | Professor                  | Theory of Electronic Media Environment                               |
| [Social study program]        |                            |  |
| Name                          | Title                      | Areas of specialization (Research topics)                            |
| Tsuneo Ogawa                  | Professor                  | Regional Psychology  |
| Yusuke Iijima                 | Associate Professor        | History of Sociology   |
| Takashi Ishigaki              | Associate Professor        | Sociology of Culture   |
| [Clinical psychology program] |                            |  |
| Name                          | Title                      | Areas of specialization (Research topics)                            |
| Chiaki Asai                   | Professor                  | Social Psychology  |
| Kasumi Nakajima               | Professor                  | Medical Psychology   |
| Maki Suganuma                 | Associate Professor        | Clinical Psychology  |
| Sachie Yamada                 | Professor                  | Clinical Psychology (Cognitive-behavioral Therapy, Disaster Support) |
| Yu Nakashima                  | Junior Associate Professor | Psychology for the Children with a Disability                        |
| Koji Arisawa                  | Professor                  | Counseling Theory  |

## -Course of Tourism

| Name              | Title               | Areas of specialization (Research topics)                            |
|-------------------|---------------------|--|
| Takato Ozawa      | Professor           | Tourism Sociology, Leisure Recreation                                |
| Shigeru Tachihara | Professor           | Tourism Management Society, Service Industry Business Administration |
| Nobuhiko Tanaka   | Professor           | Tourism, Natural Local Use, Maintenance Studies, Leisure Studies     |
| Kazuhisa Honda    | Professor           | Tourism Sociology, City Space Study                                  |
| Sayuri Nishida    | Associate Professor | Tourism Economy Sociology, Econometrics                              |
| Reiko Yokoyama    | Professor           | Tourism Civilization   |

## School of Political Science (Shonan Campus)

### -Course of Political Science

| [Political Science]      |                     |   |
|--------------------------|---------------------|---|
| Name                     | Title               | Areas of specialization (Research topics) |
| Yuki Tsuji               | Professor           | Study of Political Process                |
| [Local Government]       |                     |   |
| Name                     | Title               | Areas of specialization (Research topics) |
| Shigeto Maeda            | Professor           | Public Administration Studies             |
| Mitsuhiko Okamoto        | Professor           | Local Autonomy                            |
| Takashi Kobayashi        | Professor           | City Policy Study                         |
| [International Politics] |                     |   |
| Name                     | Title               | Areas of specialization (Research topics) |
| Tatsuya Nishida          | Professor           | International Political History           |
| Hiroko Ogawa             | Professor           | International Relation Theory             |
| Hiroyuki Fujimaki        | Professor           | International Politics Science            |
| Takashi Nakamura         | Associate Professor | History of Western Political Thought      |

## School of Economics (Shonan Campus)

### -Course of Applied Economics

| Name              | Title     | Areas of specialization (Research topics)   |
|-------------------|-----------|---|
| Masaki Iwatani    | Professor | International Management Theory, Strategic Management Theory (Basic Field of study : Business Administration) |
| Seiji Endo        | Professor | Marketing, Marketing Management   |
| Kazuhiro Okuma    | Professor | Environmental Economics, Institutional Economics  |
| Kyoko Kameoka     | Professor | Strategic Management, Innovation Theory   |
| Rui Takahashi     | Professor | Asian Economic History, Development Economics   |
| Fumihide Takeuchi | Professor | International Economics, Asian Economic Theory  |
| Shoko Hisada      | Professor | Theory of financial management, corporate finance (Basic Field of study: Business Administration)             |
| Satoshi Honma     | Professor | Environmental Economics, Environmental Policy Theory  |
| Eiichiro Yagi     | Professor | Decision Theory, Operational Management (Basic Field of study: Business Administration)                       |
| Masashi Yamamoto  | Professor | Environmental Economics, Economic Policy  |

## School of Law

### -Course of Law

| Name               | Title               | Areas of specialization (Research topics) |
|--------------------|---------------------|---|
| Yasuo Uchiyama     | Professor           | Criminal Law                              |
| Michio Oshikubo    | Professor           | Constitution                              |
| Miwa Kojimoto      | Professor           | Criminal Law                              |
| Shigeki Nagayama   | Professor           | Constitution                              |
| Satoshi Hashimoto  | Professor           | Code of Civil Procedure                   |
| Atsumi Hattori     | Professor           | Civil Code                                |
| Toshihiro Fujinaka | Professor           | Tax Law                                   |
| Hideki Tanaka      | Professor           | Commercial Law                            |
| Naoko Mariyama     | Associate Professor | Economic Law                              |
| Fumiharu Kobayashi | Associate Professor | Commercial Law                            |
| Mariko Shiohara    | Associate Professor | Civil Law                                 |
| Hiromasa Suzuki    | Associate Professor | Civil Law                                 |
| Satoru Naito       | Associate Professor | Administrative Law                        |

## School of Human Environmental Studies (Shonan Campus)

### -Course of Human Environmental Studies

| Name               | Title                      | Areas of specialization (Research topics)                                 |
|--------------------|----------------------------|---|
| Keiko Ishihara     | Professor                  | Regional Study, Political and Culture History                             |
| Yutaka Iwamoto     | Professor                  | EE (Environmental Education), ESD (Education for Sustainable Development) |
| Haruhisa Uchida    | Professor                  | Resource and Materials, Human Resources Development                       |
| Satoru Katsuda     | Professor                  | Environmental Law, Environmental Policy                                   |
| Tadashi Kitano     | Professor                  | Aquatic Organism, Ecological Education                                    |
| Masaaki Fujiyoshi  | Professor                  | Plant Ecology   |
| Kenichi Murota     | Professor                  | Plant Physiology, Food Environmentally                                    |
| Toshiyuki Takagi   | Associate Professor        | Urban Sociology, Regional Welfare Theory                                  |
| Masao Manjome      | Associate Professor        | International Economics   |
| Mari Kosaka        | Associate Professor        | Environmental Politics  |
| Takayuki Kuramoto  | Junior Associate Professor | Earth and Planetary Science, Geography, Environmental Science             |
| Sachi Ninomiya Lim | Associate Professor        | ESD, Environmental Education, Social Education                            |
| Kazuya Oguri       | Professor                  | Science Education   |
| Seiko Oyama        | Associate Professor        | Political Science, Multicultural Understanding                            |

## School of Arts (Shonan Campus)

### -Course of Music

| Name             | Title               | Areas of specialization (Research topics) |
|------------------|---------------------|---|
| Shigeki Okino    | Professor           | Musical Aesthetics                        |
| Ryutaro Kajii    | Professor           | Musical Performance (Vocal)               |
| Mayu Kondo       | Associate Professor | Music Therapy                             |
| Nahoko Matsumoto | Associate Professor | Ethnomusicology                           |
| Tomonari Higaki  | Associate Professor | Composition                               |

### -Course of Fine Arts and Design

| Name               | Title               | Areas of specialization (Research topics)                            |
|--------------------|---------------------|--|
| Akio Ikemura       | Professor           | Design Planning, Entertainment Design, Design Theory (Design Course) |
| Juri Shin          | Professor           | Environmental Design (Design Course)                                 |
| Masayuki Yoshimura | Professor           | Sculpture (Art Course)   |
| Tomoko Sengoku     | Associate Professor | Sculpture (Art Course)   |
| Makoto Tomita      | Associate Professor | Information Design (Design Course)                                   |

## School of Physical Education (Shonan Campus)

### -Course of Physical Education

| [Field of Sports Culture and Social Science] |                            |   |
|--|----------------------------|---|
| Name   | Title                      | Areas of specialization (Research topics) |
| Goro Abe                                     | Professor                  | Physical Education Philosophy             |
| Minoru Matsunami                             | Professor                  | History of Sports                         |
| Masayuki Takao                               | Associate Professor        | Sports Sociology                          |
| Hideo Matsumoto                              | Professor                  | Physical Education Psychology             |
| Ryoko Akiyoshi                               | Junior Associate Professor | Sports Sociology                          |
| [Field of Sports Medicine Science]           |                            |   |
| Name   | Title                      | Areas of specialization (Research topics) |
| Arihiro Hatsuta                              | Professor                  | Kinesiology                               |

|                            |                            |   |
|----------------------------|----------------------------|---|
| <b>Hiroshi Yamada</b>      | Professor                  | Sports Biomechanics                                 |
| <b>Seiji Miyazaki</b>      | Professor                  | Sports Medicine                                     |
| <b>Fumiya Tanji</b>        | Assistant Professor        | Kinesiology   |
| <b>Takeshi Koyama</b>      | Associate Professor        | Training Science                                    |
| <b>Shuichi Uchiyama</b>    | Professor                  | Physical Fitness                                    |
| <b>Shogo Sasaki</b>        | Associate Professor        | Athletic training                                   |
| [Practical Sports Science] |                            |   |
| <b>Name</b>                | <b>Title</b>               | <b>Areas of specialization (Research topics)</b>    |
| <b>Hidetoshi Nakanishi</b> | Professor                  | Budo (Japanese Martial Ways)                        |
| <b>Kenichiro Agemizu</b>   | Professor                  | Budo (Judo)   |
| <b>Masamichi Kuriyama</b>  | Professor                  | Sport Methodology                                   |
| <b>Akio Kubota</b>         | Professor                  | Life Sports Theory                                  |
| <b>Daichi Oshimi</b>       | Associate Professor        | Sports & Leisure Management                         |
| <b>Yumiko Hagi</b>         | Professor                  | Sports & Leisure Management                         |
| <b>Toshiya Nosaka</b>      | Professor                  | Health Education                                    |
| <b>Munehiro Matsushita</b> | Junior Associate Professor | Public Health                                       |
| <b>Naomi Yoshioka</b>      | Professor                  | Person with a Disability Sports Theory              |
| <b>Susumu Takano</b>       | Professor                  | Sports Coaching                                     |
| <b>Takashi Otsuka</b>      | Professor                  | Sports Kinematics                                   |
| <b>Daisuke Takeda</b>      | Professor                  | Physical Education Psychology                       |
| <b>Ryoichi Mori</b>        | Professor                  | Health Education                                    |
| <b>Kyosuke Uchida</b>      | Professor                  | Adapted Sports Science                              |
| <b>Keita Ogawara</b>       | Professor                  | Sports biomechanics                                 |
| <b>Masahiro Okoshi</b>     | Professor                  | Physical Education                                  |
| <b>Masahiro Okada</b>      | Associate Professor        | Outdoor Education                                   |
| <b>Toshiaki Hashimoto</b>  | Professor                  | <i>Budo (Japanese martial ways)</i>                 |
| <b>Yasuhiro Yamashita</b>  | Professor                  | <i>Budo (Judo)</i>                                  |
| <b>Tetsuo Yoshimura</b>    | Professor                  | <i>Budo (Kendo)</i>                                 |
| <b>Tetsuya Onda</b>        | Professor                  | <i>Sports &amp; Leisure Management</i>              |
| <b>Naomi Nakamura</b>      | Professor                  | <i>Health and Physical Education Method Studies</i> |
| <b>Yuki Kimura</b>         | Professor                  | <i>Coaching Studies</i>                             |
| <b>Yasutaka Kawanabe</b>   | Assistant Professor        | <i>Physical Education and Sports Management</i>     |
| <b>Tatsuo Taniki</b>       | Assistant Professor        | <i>Sports Psychology</i>                            |

## Science & Technology Fields

### School of Science (Shonan Campus)

#### -Course of Mathematics and Mathematical Sciences

|                                |                                   |  |
|--------------------------------|-----------------------------------|--|
| [Mathematics Course]           |                                   |  |
| <b>Name</b>                    | <b>Title</b>                      | <b>Areas of specialization (Research topics)</b>   |
| <b>Shin Kiriki</b>             | Professor                         | Dynamical Systems  |
| <b>Akiko Shima</b>             | Professor                         | Topology   |
| <b>Toshinori Sakai</b>         | Professor                         | Discrete Geometry, Graph Theory  |
| <b>Yoichi Maeda</b>            | Professor                         | Applied Mathematics, Geometry  |
| <b>Yoshiro Yamamoto</b>        | Professor                         | Computational statistics, Statistical Inference  |
| <b>Atsumu Sasaki</b>           | Associate Professor               | A Lie Group and Expression Theory  |
| <b>Shingo Taki</b>             | Associate Professor               | Algebraic geometry   |
| <b>Hidetomo Nagai</b>          | Associate Professor               | Disintegration Inegrability System   |
| <b>Hiromasa Nakayama</b>       | Junior Associate Professor        | Computational Algebra  |
| <b>Yushi Nakano</b>            | Junior Associate Professor        | Random Dynamical Systems, SRB Measure, Transfer Operator, Dynamical Systems Theory, Ergodic Theory |
| <b>Takae Tsuji</b>             | <i>Junior Associate Professor</i> | <i>Number Theory</i>   |
| <b>Noboru Ogawa</b>            | <i>Junior Associate Professor</i> | <i>Differential Topology</i>   |
| <b>Juho Leppanen</b>           | <i>Junior Associate Professor</i> | <i>Dynamical Systems, Probability Theory</i>   |
| [Mathematical Sciences Course] |                                   |  |
| <b>Name</b>                    | <b>Title</b>                      | <b>Areas of specialization (Research topics)</b>   |
| <b>Yasuki Iizuka</b>           | Professor                         | Dispersion Mechanical Brain  |
| <b>Fumiaki Kohsaka</b>         | Professor                         | Non-linear Analysis  |
| <b>Hirokazu Nasu</b>           | Professor                         | Algebraic Geometry   |
| <b>Yasuko Matsui</b>           | Professor                         | Combinatorial Optimization, Algorithms, Discrete Mathematics                                       |
| <b>Satoshi Matsumoto</b>       | Professor                         | Computational Learning Theory  |
| <b>Kensuke Onishi</b>          | Associate Professor               | Computational geometry, Data Engineering   |
| <b>Masahiro Kobayashi</b>      | Associate Professor               | Queueing Theory, Probability Theory  |
| <b>Toru Tsukioka</b>           | Associate Professor               | Algebra Geometry   |
| <b>Takayasu Kuwata</b>         | <i>Professor</i>                  | <i>Algebra Geometry, Disintegration Geometry, Mathematics Education</i>                            |

|                       |                            |  |
|-----------------------|----------------------------|--|
| <b>Mahoro Shimura</b> | <i>Associate Professor</i> | <i>Number Theory, Algebraic Curve Cryptography</i> |
|-----------------------|----------------------------|--|

-Course of Physics

| Name                        | Title                      | Areas of specialization (Research topics)        |
|-----------------------------|----------------------------|--|
| <b>Naoki Shinyashiki</b>    | Professor                  | Dynamics of Molecules in Soft Condensed Matter   |
| <b>Akira Tonegawa</b>       | Professor                  | Plasma Physics                                   |
| <b>Shigeru Yamaguchi</b>    | Professor                  | Laser Application                                |
| <b>Masamori Endo</b>        | Professor                  | Laser physics                                    |
| <b>Kazuyoku Tei</b>         | Professor                  | Laser physics                                    |
| <b>Akiko Kawachi</b>        | Professor                  | High Energy Astrophysics                         |
| <b>Rio Kita</b>             | Professor                  | Soft Matter Physics                              |
| <b>Teruyuki Kitabayashi</b> | Professor                  | Particle Cosmo Physics                           |
| <b>Junko Kushida</b>        | Professor                  | High Energy Astrophysics, Gamma-ray Astrophysics |
| <b>Hiroataka Hayashi</b>    | Associate Professor        | Elementary particles theory                      |
| <b>Eiki Iyoda</b>           | Junior Associate Professor | Non-Equilibrium Physical Property Theory         |
| <b>Makoto Yamaguchi</b>     | Associate Professor        | Non-Equilibrium Physical Property Theory         |
| <b>Takehiko Fujishiro</b>   | <i>Professor</i>           | <i>Particle physics</i>                          |

-Course of Chemistry

| Name                       | Title                      | Areas of specialization (Research topics)   |
|----------------------------|----------------------------|---|
| <b>Shigeru Ishikawa</b>    | Professor                  | Theoretical study of molecular properties and chemical reaction mechanisms using molecular orbital method   |
| <b>Takeru Ito</b>          | Professor                  | Study on creation and function expression of inorganic-organic hybrid materials using cluster molecules   |
| <b>Michio Iwaoka</b>       | Professor                  | Synthesis and functional assessment of antioxidative organ selenium compounds and experimental and theoretical studies on the folding process of proteins |
| <b>Takeshi Ohba</b>        | Professor                  | Study of volcanoes by inorganic chemical analysis of hot spring waters, volcanic gases, water of crater lakes, and Volcanic Rocks                         |
| <b>Tetsuhiro Katsumata</b> | Professor                  | Transition Metal Acid Fluoride  |
| <b>Yoshika Sekine</b>      | Professor                  | Environmental chemistry on the air pollution in East Asia, indoor air quality and environmental catalyst  |
| <b>Katsuhiko Fujio</b>     | Professor                  | Study of the properties, structure and formation mechanism of molecular aggregates of amphiphile  |
| <b>Shinichi Koguchi</b>    | Associate Professor        | Organic synthetic chemistry; focusing on studies using ionic liquids  |
| <b>Koji Tomita</b>         | Professor                  | Study on synthesis of ceramics functioning with light and electricity   |
| <b>Ikko Mikami</b>         | Associate Professor        | Development of the Treatment Method of the Environmental Pollution Material   |
| <b>Kenta Arai</b>          | Junior Associate Professor | Biophysics, Bioorganic Chemistry  |
| <b>Toshiaki Ikeda</b>      | Associate Professor        | Photo Functional Organic Compounds, Synthesis of Supramolecular Assembly  |

School of Engineering (Shonan Campus, Isehara Campus< Course of Biomedical Engineering>)

-Course of Electrical and Electronic Engineering

| Name                      | Title     | Areas of specialization (Research topics)   |
|---------------------------|-----------|---|
| <b>Takeshi Asakawa</b>    | Professor | Applied Computer Engineering  |
| <b>Masaki Asoe</b>        | Professor | Optical Communications, Non-linear Optics, Laser Sensing  |
| <b>Masao Isomura</b>      | Professor | Solar cell and related materials  |
| <b>Katsuhiko Inagaki</b>  | Professor | Robotics design   |
| <b>Takeshi Inaba</b>      | Professor | Human machine system, Control engineering   |
| <b>Osamu Uchida</b>       | Professor | Mathematical Information Science, Computer Science  |
| <b>Ryu-ichiro Oyama</b>   | Professor | Electrostatics, Electrical discharge, Electro-hydro-dynamics  |
| <b>Kunio Okimura</b>      | Professor | Electronic functional materials   |
| <b>Tomoko Ozeki</b>       | Professor | Machine learning, Information geometry, Statistical physics   |
| <b>Hideki Kimura</b>      | Professor | Energy Conversion   |
| <b>Kagayaki Kuroda</b>    | Professor | Biomedical Instrumentation using Magnetic Resonance Imaging (MRI), Engineering in Medicine and Biology, Visualization and Imaging |
| <b>Kiyoteru Kobayashi</b> | Professor | Electronic device engineering   |
| <b>Takehisa Shibuya</b>   | Professor | Holography, Optical Sensing, Plasma physics, Optical device   |
| <b>Yoshiyuki Sho</b>      | Professor | Fuel-cell, Carbon nanotube, In-liquid plasma  |
| <b>Motoharu Takao</b>     | Professor | Neuroscience, Neuroinformatic, Experimental Psychology  |
| <b>Xuehou Tan</b>         | Professor | Computational geometry  |
| <b>Mitsuhiro Toratani</b> | Professor | Ocean color satellite remote sensing, Atmospheric correction  |
| <b>Takashi Nakajima</b>   | Professor | Satellite Earth Observation, Atmospheric Radioactive Transfer Theory, Data analysis algorithm                                     |
| <b>Chiemi Fujikawa</b>    | Professor | Optical functional device, 3D display   |
| <b>Shuichi Maeda</b>      | Professor | Imaging Materials, Electronic paper   |
| <b>Kimitoshi Murano</b>   | Professor | Electromagnetic wave engineering  |
| <b>Hiroshi Murotani</b>   | Professor | Optical Thin films, Optical materials, Optoelectronics  |



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|----------------------------|----------------------------|--|
| <b>Hideki Oguchi</b>       | Associate Professor        | Power electronics  |
| <b>Mamiko Inamori</b>      | Associate Professor        | Signal Processing, Wireless communication, Power transfer                  |
| <b>Hiroshi Kuwahata</b>    | Associate Professor        | Plasma application engineering   |
| <b>Sanggyu Shin</b>        | Associate Professor        | Database, Information Security, Service Engineering                        |
| <b>Hiroshi Someya</b>      | Associate Professor        | Evolutionary computation, Stochastic optimization, Artificial intelligence |
| <b>Shu Takeshita</b>       | Associate Professor        | Optical radiation measurement, Light Environmental Sciences                |
| <b>Kentaro Takemura</b>    | Professor                  | Computer vision, Human Sensing   |
| <b>Hironori Makino</b>     | Associate Professor        | Applied quantum physics, Nonlinear science, Chaos and fractal              |
| <b>Kenji Mizutani</b>      | Associate Professor        | Neuroscience, Human Machine Interface, Electrophysiology                   |
| <b>Satoshi Muramatsu</b>   | Associate Professor        | Intelligent robotics   |
| <b>Masachika Ishimaru</b>  | Junior Associate Professor | Power system operation & planning, Power system                            |
| <b>Tetsuya Kaneko</b>      | Junior Associate Professor | Solar cell, Photovoltaics, Energy conversion                               |
| <b>Shunkichi Matsumoto</b> | Professor                  | <i>Philosophy of Science, History of Scientific Thought</i>                |
| <b>Takehiro Tachizaki</b>  | Junior Associate Professor | Optical measurement, Near-field optics, Probe microscope                   |
| <b>Tomohiro Takahashi</b>  | Junior Associate Professor | Digital Signal Processing  |
| <b>Hidekazu Tsuchiya</b>   | Junior Associate Professor | Failure diagnosis, Computer System   |
| <b>Taishin Nakamura</b>    | Assistant Professor        | <i>Reliability Engineering, Operations Research</i>                        |

#### -Course of Applied Science

|                                      |                            |   |
|--------------------------------------|----------------------------|---|
| [Applied Biochemistry Course]        |                            |   |
| <b>Name</b>                          | <b>Title</b>               | <b>Areas of specialization (Research topics)</b>  |
| <b>Makoto Oba</b>                    | Professor                  | Organic Synthetic Chemistry, Biomolecular Chemistry   |
| <b>Akiko Kanamori</b>                | Professor                  | Cell biology, Bioinorganic chemistry, Detoxification  |
| <b>Osamu Kanie</b>                   | Professor                  | Glycotechnology, Chemical engineering, Analytical chemistry   |
| <b>Noboru Sasagawa</b>               | Professor                  | Molecular biology, Biochemistry, Biotechnology  |
| <b>Munehiro Nakata</b>               | Professor                  | Pathological chemistry, Chemical biology, Natural products  |
| <b>Ryuta Mizutani</b>                | Professor                  | Brain network, Synchrotron radiation, Tomography  |
| <b>Hidekazu Katayama</b>             | Associate Professor        | Bioorganic chemistry, Peptide chemistry, Crustacean endocrinology   |
| <b>Yasuhiro Kuroda</b>               | Associate Professor        | Glycotechnology, Biochemistry, Glycobiology   |
| <b>Tetsuo Takahashi</b>              | Associate Professor        | Genetic engineering, Molecular biology, Glycobiology  |
| <b>Hiroaki Mitsuhashi</b>            | Associate Professor        | Molecular genetics, Muscular dystrophy, Zebrafish   |
| [Applied Chemistry Course]           |                            |   |
| <b>Name</b>                          | <b>Title</b>               | <b>Areas of specialization (Research topics)</b>  |
| <b>Yasunobu Akiyama</b>              | Professor                  | Chemical engineering, Reaction engineering, CVD processes   |
| <b>Takashi Asaka</b>                 | Professor                  | Chemical engineering, Functional composite materials, Semi-solidified nutrient evaluation                               |
| <b>Toshiyuki Inazu</b>               | Professor                  | Synthetic organic chemistry, Chemical biology, Fluorous chemistry   |
| <b>Yosuke Okamura</b>                | Professor                  | Polymer chemistry, Biomaterials, Nanomaterial engineering   |
| <b>Masashi Sato</b>                  | Professor                  | Gas-Solid Reactions, Energy Related Materials, Metal Hydrides   |
| <b>Masashi Higuchi</b>               | Professor                  | Inorganic synthetic chemistry, Functional inorganic materials, Ceramics   |
| <b>Satoko Kezuka</b>                 | Associate Professor        | Synthetic organic chemistry, Organometallic chemistry, Asymmetric synthesis   |
| <b>Yusuke Tomabechi</b>              | Junior Associate Professor | Synthetic Organic Chemistry, Bioorganic Chemistry, Glycan Organic Chemistry,  |
| <b>Yoshiharu Matsumae</b>            | Junior Associate Professor | Electrochemistry, Analytical Chemistry  |
| [Nuclear Engineering Course]         |                            |   |
| <b>Name</b>                          | <b>Title</b>               | <b>Areas of specialization (Research topics)</b>  |
| <b>Michiaki Utsumi</b>               | Professor                  | Plasma physics, Neutron generator   |
| <b>Takanori Kameyama</b>             | Professor                  | Nuclear reactor physics, Nuclear fuel engineering, Nuclear reactor simulator  |
| <b>Takaaki Sakai</b>                 | Professor                  | Reactor safety, Thermal-hydraulics, Sodium-cooled fast reactor engineering  |
| <b>Shigeo Yoshida</b>                | Professor                  | Radiation measurement and analysis, Radiation management, Radiation behavior analysis                                   |
| <b>Keiichiro Wakasugi</b>            | Professor                  | Nuclear fuel Recycling Engineering, Radioactive Waste Disposal  |
| <b>Noriko Asanuma</b>                | Associate Professor        | Nuclear fuel reprocessing, Radioactive waste treatment, Chemical separation   |
| [Metal materials Engineering Course] |                            |   |
| <b>Name</b>                          | <b>Title</b>               | <b>Areas of specialization (Research topics)</b>  |
| <b>Toru Kuzumaki</b>                 | Professor                  | Nanomaterials Instrumentation Science, Engineering Science for Regenerative Medicine, Materials Science for Archaeology |
| <b>Masayuki Takashiri</b>            | Professor                  | Environmental materials   |
| <b>Junichi Matsushita</b>            | Professor                  | Ceramic materials   |
| <b>Yasuyuki Miyazawa</b>             | Professor                  | Joining Science, Brazing & Soldering, Metallurgy  |
| <b>Hidetoshi Oguro</b>               | Junior Associate Professor | Superconductivity engineering   |
| <b>Ryota Gemma</b>                   | Associate Professor        | Hydrogen storage, Thin Film Engineering   |
| <b>Sachiko Hinataji</b>              | Associate Professor        | Computer chemistry  |

#### -Course of Architecture and Civil Engineering

|                        |              |  |
|------------------------|--------------|--|
| <b>Name</b>            | <b>Title</b> | <b>Areas of specialization (Research topics)</b> |
| <b>Katsuya Iwasaki</b> | Professor    | Architectural Design                             |

|                          |                            |  |
|--------------------------|----------------------------|--|
| <b>Asae Ozawa</b>        | Professor                  | History of Japanese Architecture   |
| <b>Tetsuro Kasai</b>     | Professor                  | Concrete technology  |
| <b>Yoshitaka Kajita</b>  | Professor                  | Urban planning, Transportation planning  |
| <b>Motohiro Sugiyama</b> | Professor                  | Geotechnical engineering   |
| <b>Itaru Takahashi</b>   | Professor                  | Architectural Environment Engineering, Application of Energy and Entropy into Building Physics, Utilization of Resources such as biomass and water circulating |
| <b>Shigeyuki Date</b>    | Professor                  | Concrete technology  |
| <b>Atsushi Mikami</b>    | Professor                  | Earthquake Engineering, Structural Engineering   |
| <b>Shigehiro Morooka</b> | Professor                  | Structural Mechanics, Seismic Design, Shell Structures   |
| <b>Satoshi Yamakawa</b>  | Professor                  | Architectural and Urban Environmental Facilities Planning  |
| <b>Kenji Yamamoto</b>    | Professor                  | Structural Mechanics, Computational Mechanics, Spatial Structure   |
| <b>Ken Watanabe</b>      | Professor                  | Architectural materials, Architectural Construction Methods  |
| <b>Kenji Watanabe</b>    | Professor                  | History and Theory of Modern Architecture  |
| <b>Yuta Inamasu</b>      | Associate Professor        | Western City History, Western Architectural History  |
| <b>Kazuyasu Kochi</b>    | Associate Professor        | Architectural Design   |
| <b>Jun Goto</b>          | Associate Professor        | City Planning  |
| <b>Mio Suzuki</b>        | Associate Professor        | Transportation Engineering, Transportation Planning  |
| <b>Akito Togame</b>      | Associate Professor        | Space Architecture, Deployable Structure, Architectural Planning   |
| <b>Kazumi Terada</b>     | Associate Professor        | Coastal environmental engineering  |
| <b>Takeshi Yokoi</b>     | Associate Professor        | Architectural finishing material, Reasonable construction cost and labor, Childcare house  |
| <b>Keisuke Nomura</b>    | Junior Associate Professor | Architectural Design, Urban Design, Architectural Model Design   |
| <b>Kakuta Fujiwara</b>   | Assistant Professor        | Natural Disaster science, Disaster Prevention Science, Civil Engineering, Ground Engineering   |
| <b>Naoto Noguchi</b>     | Assistant Professor        | Architectural Design, Urban Design   |

#### -Course of Mechanical Engineering

| [Thermal and Hydraulic Engineering Course]        |                            |   |
|---|----------------------------|---|
| Name  | Title                      | Areas of specialization (Research topics)   |
| <b>Hiroo Okanaga</b>                              | Professor                  | Fluid dynamics, Hydraulic engineering, Sports fluid engineering                                       |
| <b>Zhili Chen</b>                                 | Professor                  | Gasoline Engine, Diesel Engine, Fuel Cell   |
| <b>Hiroshi Kimura</b>                             | Associate Professor        | $\mu$ TAS, BioMEMS, Cell/Tissue Engineering   |
| <b>Shinya Hasegawa</b>                            | Associate Professor        | Nonequilibrium Thermodynamics, Thermoacoustic Phenomena, Energy Conversion                            |
| <b>Naoya Fukushima</b>                            | Junior Associate Professor | Thermal and Fluids Engineering, Turbulence and Combustion, Optimal Control and Design                 |
| <b>Kazuto Kuzuu</b>                               | Professor                  | Thermo-fluid engineering, Numerical fluid dynamics  |
| [Material Engineering Course]                     |                            |   |
| Name  | Title                      | Areas of specialization (Research topics)   |
| <b>Satoru Iwamori</b>                             | Professor                  | Materials science and engineering, Thin film engineering, Chemical sensors                            |
| <b>Kazuyoshi Tsuchiya</b>                         | Professor                  | Bio-MEMS, micro sensor, micro actuator, thin film process, smart material                             |
| <b>Hiroyuki Moriyama</b>                          | Professor                  | Material Mechanics  |
| <b>Takahiro Uchida Helmut</b>                     | Associate Professor        | Material Science, Vacuum Engineering, Surface Analysis, Stress Analysis                               |
| <b>Masashi Yoshinaga</b>                          | Junior Associate Professor | Solid State Ionics, Solid Oxide Fuel Cells, Lithium ion Batteries                                     |
| <b>Masafumi Chiba</b>                             | Professor                  | Electronic Solid-State Physics  |
| <b>Hiroaki Kubota</b>                             | Junior Associate Professor | Metal forming   |
| [Mechanical and Control Engineering Course]       |                            |   |
| Name  | Title                      | Areas of specialization (Research topics)   |
| <b>Atsushi Okuyama</b>                            | Professor                  | Control Engineering   |
| <b>Masayuki Ochiai</b>                            | Professor                  | Tribology, Machine element, Design Engineering  |
| <b>Yoshihiro Kai</b>                              | Professor                  | Robotics, Mechatronics, Control engineering   |
| <b>Masakazu Suzuki</b>                            | Professor                  | Control Engineering, Robotics   |
| <b>Tatsuya Morishita</b>                          | Professor                  | Acoustics, Passive Noise Control, Active Noise Control  |
| <b>Yoshio Yamamoto</b>                            | Professor                  | Sensor-based navigation and control of mobile robots and UAV, communication issues of humanoid robots |
| <b>Yuta Sunami</b>                                | Associate Professor        | Tribology, Web Handling, Biomimetics  |
| <b>Yasuhisa Hattori</b>                           | Associate Professor        | Tribology   |
| <b>Takeshi Yamamoto</b>                           | Associate Professor        | Automotive Engineering, Machine Elements  |
| <b>Hideaki Kato</b>                               | Junior Associate Professor | Mechatronics, Bioinstrumentation, Psychology Engineering  |
| <b>Takayoshi Narita</b>                           | Junior Associate Professor | Control Engineering, Vibration Engineering, Magnetic Levitation                                       |
| <b>Hirotarou Tsuchiya</b>                         | Assistant Professor        | Railway Engineering, Design Engineering, Structural Mechanics   |
| [Aeronautics and Astronautics Engineering Course] |                            |   |
| Name  | Title                      | Areas of specialization (Research topics)   |
| <b>Yoshinobu Inada</b>                            | Professor                  | Flight dynamics, Unmanned air vehicle (UAV), Biomechanics   |
| <b>Hideyuki Horisawa</b>                          | Professor                  | Rocket propulsion, Plasma source, Electric propulsion   |
| <b>Toshiharu Mizukaki</b>                         | Professor                  | High-speed aerodynamics, Shock waves, Applied optics  |

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|--------------------------|----------------------------|--|
| <b>Makoto Tanaka</b>     | Professor                  | Space Measurement Engineering  |
| <b>Kyoichi Nakashino</b> | Associate Professor        | Finite element analysis, Gossamer space structures, Membrane structures      |
| <b>Kota Fukuda</b>       | Associate Professor        | Aerodynamics, CFD, Vortex Dynamics   |
| <b>Takakazu Morita</b>   | Associate Professor        | Solid rocket, Hybrid rocket, Oscillatory combustion                          |
| <b>Tomoyuki Ikeda</b>    | Junior Associate Professor | Electric Propulsion, Hall thruster, Satellite engineering                    |
| <b>Daiju Numata</b>      | Junior Associate Professor | Experimental Fluid Dynamics (EFD), Flow measurement technology, Aerodynamics |

#### -Course of Biomedical Engineering (Isehara Campus)

| Name                      | Title               | Areas of specialization (Research topics)                                    |
|---------------------------|---------------------|--|
| <b>Yoshiyuki Kageyama</b> | Professor           | Biometry, Welfare engineering, Simulation engineering                        |
| <b>Tetsuro Horikoshi</b>  | Professor           | Neurobiology, neuron, sensory system, behavior                               |
| <b>Taro Takahara</b>      | Professor           | Magnetic resonance imaging systems, Clinical engineering                     |
| <b>Hisao Kikugawa</b>     | Professor           | Biomechanics, Mechanical engineering, Strength of materials                  |
| <b>Kiyoyuki Yamazaki</b>  | Professor           | Biomedical engineering, Human factors engineering                            |
| <b>Norihito Eto</b>       | Associate Professor | Biometric, Biomedical Engineering, Epidemiology                              |
| <b>Tomohiko Utsuki</b>    | Associate Professor | Physiological-state control, Biological modeling, Medical information system |
| <b>Hiroshi Oshima</b>     | Professor           | Extra-Corporeal circulation, Clinical engineering, Medical safety control    |
| <b>Fumitaka Anzai</b>     | Assistant Professor | Clinical Engineering, Behavioral and Cognitive Physiology, Bioinformatics    |

#### School of Information and Telecommunication Engineering (Shinagawa Campus)

##### -Course of Information and Telecommunication Engineering

| Name                       | Title                      | Areas of specialization (Research topics)   |
|----------------------------|----------------------------|---|
| <b>Kazuhiko Hamamoto</b>   | Professor                  | Biomedical Engineering, Human Interface   |
| <b>Nao Hodoshima</b>       | Associate Professor        | Sound Information Processing, Digital Signal Processing                                 |
| <b>Yuko Hoshino</b>        | Junior Associate Professor | Software science  |
| <b>Hironori Nakatani</b>   | Junior Associate Professor | Cognitive Science, Functional Brain Imaging, Bioinformatics                             |
| <b>Naohiko Shimizu</b>     | Professor                  | Application Specific Processor Architecture, Design and Modeling for Integrated Circuit |
| <b>Harumi Watanabe</b>     | Professor                  | Embedded Software, Software engineering   |
| <b>Tatsuji Munaka</b>      | Professor                  | Embedded network, IoT / M2M system  |
| <b>Makoto Imamura</b>      | Professor                  | Data engineering, Artificial intelligence   |
| <b>Masaaki Fukuhara</b>    | Associate Professor        | Integrated Circuitry Engineering  |
| <b>Mikiko Sato</b>         | Associate Professor        | System Software, Parallel Computing, Evolutionary Computation                           |
| <b>Mitsuhiko Karashima</b> | Professor                  | Ergonomics, Human Interface   |
| <b>Hiroumi Moriyama</b>    | Professor                  | Production Systems Engineering, Mathematical Programming                                |
| <b>Hiromi Nishiguchi</b>   | Professor                  | Welfare Technology  |
| <b>Tomoaki Tabata</b>      | Professor                  | Marketing Engineering, Cost Management, Financial Engineering                           |
| <b>Masaaki Kaneko</b>      | Professor                  | Quality Control, Quality Management, Medical Quality Safety Engineering                 |
| <b>Kohei Otake</b>         | Junior Associate Professor | Operations Research, Marketing Science  |
| <b>Iwao Fujino</b>         | Professor                  | Internet Information Retrieval, Distributed and Parallel Computing                      |
| <b>Junichi Murayama</b>    | Professor                  | Information Network Security and Architecture   |
| <b>Yoshihisa Takayama</b>  | Professor                  | free-space optics   |
| <b>Hiroshi Yamamoto</b>    | Professor                  | Coding theory, Cryptography, Information Security                                       |
| <b>Naoki Morita</b>        | Professor                  | Systems Engineering, Educational Engineering  |
| <b>Toshihiro Ohigashi</b>  | Professor                  | Cryptology theory, Information security, Network security                               |
| <b>Keisuke Utsu</b>        | Associate Professor        | Information communication network   |
| <b>Yoshio Kakizaki</b>     | Associate Professor        | Cyber Security, Electronic Authentication, Information System                           |
| <b>Takashi Shibata</b>     | Professor                  | Ergonomics, Visual Engineering  |
| <b>Yukiko Maruyama</b>     | Professor                  | Media Education, Information Morals, Information Society                                |
| <b>Hiroki Kurashige</b>    | Junior Associate Professor | Cognitive Science, Neuroscience   |
| <b>Kiyoaki Atsuta</b>      | Professor                  | Image Processing, Artificial Intelligence   |
| <b>Kazuhiko Omura</b>      | Associate Professor        | Mathematics Systems Engineering   |

#### School of Oceanography (Shimizu Campus)

##### -Course of Oceanography

| Name                    | Title     | Areas of specialization (Research topics)   |
|-------------------------|-----------|---|
| <b>Nobuhiko Akiyama</b> | Professor | Aquaculture   |
| <b>Shotaro Izumi</b>    | Professor | Fish pathology  |
| <b>Kazuyuki Uehara</b>  | Professor | Physical oceanography, Marine meteorology   |
| <b>Hiroshi Ohizumi</b>  | Professor | Marine ecology  |
| <b>Shuhei Ohnishi</b>   | Professor | Population dynamics and management  |
| <b>Mitsuo Ogura</b>     | Professor | Molecular biology of regulation of gene expression in prokaryotes                         |
| <b>Ippei Kawasaki</b>   | Professor | Cultural Anthropology   |
| <b>Katsutoshi Kita</b>  | Professor | Behavior of ground subjected to dynamic loads   |
| <b>Hiroyuki Gouda</b>   | Professor | Maritime Commercial Code, International Trade Law, Shipping Economics, Bay Port Economics |
| <b>Keiichi Goto</b>     | Professor | Food microbiology, Food processing science  |

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|--------------------|----------------------------|--|
| Hiroshi Saito      | Professor                  | Organic Chemistry, Bio organic Chemistry   |
| Masaki Saito       | Professor                  | Environmental and Ocean Science, Regional Studies, Tourism Studies, Social Implementation Research |
| Shigeki Sakakibara | Professor                  | Ship operation, Ship's berthing and mooring, Ocean waves analysis                                  |
| Izumi Sakamoto     | Professor                  | Resource studies, seafloor Volcanology   |
| Kouichi Shintani   | Professor                  | Logistics Engineering  |
| Shunji Sunahara    | Professor                  | Marine hydrodynamics   |
| Izumi Seki         | Professor                  | Living of Fishermen and Fishery  |
| Hiroaki Seta       | Professor                  | Maritime Traffic Engineering, Ship Operation Study   |
| Shinichi Takeuchi  | Professor                  | Regional Environmental Engineering   |
| Akihiko Tanaka     | Professor                  | Ocean-color informatics, Ocean-color remote sensing  |
| Hisashi Narita     | Professor                  | Biogeochemical   |
| Masato Niki        | Professor                  | Study of seashore environments   |
| Jun Nishikawa      | Professor                  | Marine Planktonic  |
| Seiichi Hiratsuka  | Professor                  | Fisheries usage studies, Fisheries food chemistry  |
| Fumihito Muto      | Professor                  | Fish science, Fisheries Science  |
| Tsukasa Murayama   | Professor                  | Dolphin Cognition and Behavior   |
| Yoshihiko Yamada   | Professor                  | Marine Political Science   |
| Takashi Yoshikawa  | Professor                  | Aquatic Botany, Fishery Biological Environment Studies   |
| Kazumi Wakita      | Professor                  | Coastal Area Planning, Coastal Environmental Management  |
| Keisuke Watanabe   | Professor                  | Subsea Technology  |
| Tomohiro Asakawa   | Associate Professor        | Synthetic Organic Chemistry  |
| Ayako Okubo        | Associate Professor        | Environmental Political Science, International Relations   |
| Jun Kimura         | Associate Professor        | Marine Archeology, Underwater Cultural Heritage Research   |
| Daisuke Komatsu    | Associate Professor        | Geochemistry   |
| Kyoko Takashima    | Associate Professor        | Maritime Traffic Engineering   |
| Katsuhiko Tanaka   | Associate Professor        | Ocean-color informatics, Ocean-color remote sensing  |
| Masako Nakamura    | Associate Professor        | Crowd ecology, Supply-side Ecology   |
| Kenji Nohara       | Associate Professor        | Molecular Ecology  |
| Hisatoshi Baba     | Associate Professor        | Geophysics, Seismology, Geophysical exploration  |
| Mamiko Hirose      | Associate Professor        | Marine Invertebrate Biology  |
| Masashi Maruyama   | Associate Professor        | Marine archeology, Animal archeology   |
| Yinji Li           | Associate Professor        | Area Along the Shore Pipe Theory, Regional Economy   |
| Muneshige Shimizu  | Associate Professor        | Food Nutrition, Food Utilization   |
| Daisuke Takahashi  | Associate Professor        | Physical Oceanography  |
| Soichiro Kusaka    | Junior Associate Professor | Natural Anthropology   |
| Noriyoshi Sato     | Junior Associate Professor | Life Sciences Ecology and Environmental Science, Life Sciences Aquaculture                         |
| Munehiro Takami    | Junior Associate Professor | Ichthyology  |
| Takayuki Shoji     | Professor                  | Behavioral Neurobiology  |
| Hiroshi Ishii      | Associate Professor        | Marine Microbiology  |
| Yuka Okada         | Associate Professor        | International Distribution, Aviation Economy   |
| Keizo Sayanagi     | Associate Professor        | Geophysics, Solid earth Electromagnetism, Seismo-electromagnetism                                  |
| Taku Horie         | Associate Professor        | Habits Pollution of the Chlorinated Organic Compound   |
| Hiroyuki Matsuura  | Associate Professor        | Floating Biology   |
| Takahiro Kobayashi | Junior Associate Professor | Social Anthropology,   |
| Hiroyuki Tan       | Junior Associate Professor | Ocean color remote sensing   |

#### School of Medicine (Isehara Campus)

##### -Course of Nursing

| Name              | Title               | Areas of specialization (Research topics)                          |
|-------------------|---------------------|--|
| Misato Ishii      | Professor           | Maternity nursing science  |
| Reiko Inoue       | Professor           | Family Nursing Science   |
| Satoko Imaizumi   | Professor           | Cancer Nursing Science   |
| Takahiro Kikkawa  | Professor           | Mind Nursing Science   |
| Masako Shoumura   | Professor           | Cancer Nursing Science   |
| Midori Tsukagoshi | Professor           | Basic Nursing  |
| Futosi Ooyama     | Associate Professor | Adult Nursing Science  |
| Yuko Mitsuhashi   | Associate Professor | Occupational Health Nursing Science, Public Health Nursing Science |
| Masamichi Ogura   | Associate Professor | Gerontological nursing, Infection prevention nursing               |
| Megumi Kagotani   | Associate Professor | Education, Insurance Study   |
| Sachiko Mori      | Associate Professor | Basic nursing science  |
| Hiromi Moriya     | Associate Professor | Genetic nursing science  |

### School of Health Science (Isehara Campus)

#### -Course of Health Management

| Name               | Title                      | Areas of specialization (Research topics)                     |
|--------------------|----------------------------|---|
| Masaaki Abe        | Professor                  | Nursing Welfare   |
| Seiji Ariga        | Professor                  | Training Science, Exercise Guidance Theory                    |
| Kazue Kanno        | Professor                  | Special Support Education, Intellectual Disability Psychology |
| Izumi Nakano       | Professor                  | Senior citizen welfare, Nursing care welfare                  |
| Osamu Kobayashi    | Professor                  | Family social work, Family policy                             |
| Masanori Nishimura | Professor                  | Social gerontology, Elderly health welfare                    |
| Manami Hori        | Professor                  | Public Policy, Social Security                                |
| Fumiko Mega        | Professor                  | Regional welfare, volunteer theory                            |
| Mayumi Ikeuchi     | Associate Professor        | Functional Nutrition, Health Nutrition                        |
| Takao Kojo         | Associate Professor        | Community Health Policy, Policy Epidemiology                  |
| Keita Nishigaki    | Associate Professor        | Exercise Psychology   |
| Ai Hishikawa       | Junior Associate Professor | Social Work Theory  |
| Tateo Shibara      | Junior Associate Professor | Clinical Epidemics, Health and Medical Science                |
| Takeshi Okamoto    | Associate Professor        | Physical Science, Exercise Physiology                         |
| Masaki Miyazawa    | Associate Professor        | Molecular Biology, Geriatric Medicine                         |
| Kayo Yasuda        | Junior Associate Professor | Molecular Metabolism, Biological Response                     |
| Ai Hishikawa       | Professor                  | Social Work Theory  |
| Yoichi Naganuma    | Junior Associate Professor | Mental Health Studies   |

### School of Agriculture (Kumamoto Campus)

#### -Course of Agricultural Sciences

| Name               | Title                      | Areas of specialization (Research topics)                    |
|--------------------|----------------------------|--|
| Jun Abe            | Professor                  | Cropology  |
| Shuichi Ito        | Professor                  | Ethology   |
| Gen Inoue          | Professor                  | Soil Science and Volcanic Ash Formation                      |
| Kazuhiko Imakawa   | Professor                  | Reproductive Physiology                                      |
| Chinobu Okamoto    | Professor                  | Grassland ecology  |
| Masateru Ono       | Professor                  | Natural products chemistry                                   |
| Ryoji Nagai        | Professor                  | Food and Regulation Biology                                  |
| Ikuo Hattori       | Professor                  | Animal Nutrition   |
| Yoshikazu Hoshi    | Professor                  | Cytogenetics   |
| Kohei Murata       | Professor                  | Pest management study  |
| Shin Yasuda        | Professor                  | Food Biochemistry  |
| Hiroshi Yamaguchi  | Professor                  | Peptide chemistry, Protein chemistry                         |
| Hideji Yamashita   | Professor                  | Functional Genomics  |
| Kazunari Yoneda    | Professor                  | Biochemistry   |
| Toshiaki Inanaga   | Associate Professor        | Animal Health and Livestock Management                       |
| Hideki Kinoshita   | Associate Professor        | Applied microbiology   |
| Yusuke Sato        | Associate Professor        | Metabolism, Muscle Physiology, Livestock Product Utilization |
| Hideyuki Takahashi | Associate Professor        | Plant Physiology, Plant Metabolism                           |
| Masashi Hirano     | Associate Professor        | Food Hygiene, Environmental Chemistry                        |
| Yasushi Matsuda    | Associate Professor        | Plant Cell Engineering                                       |
| Hirokazu Matsumoto | Associate Professor        | Animal Genetic Biochemistry                                  |
| Takahiro Kawanabe  | Junior Associate Professor | Olericulture Horticulture                                    |
| Yu Masuda          | Junior Associate Professor | Plant Breeding   |
| Atsushi Kashimura  | Associate Professor        | Mammalian Science  |
| Chikako Masuoka    | Associate Professor        | Food Chemistry   |
| Saki Imai          | Junior Associate Professor | Behavioral Neuroscience                                      |

### School of Biology (Sapporo Campus)

#### -Course of Biology

| Name                | Title                      | Areas of specialization (Research topics)                        |
|---------------------|----------------------------|--|
| Eiji Okamoto        | Professor                  | Tissue Engineering, Artificial Organ Engineering                 |
| Kuniko Kawai        | Professor                  | Phylogeographic, Mammalogy                                       |
| Minoru Kihara       | Professor                  | Nutritional Physiology/Biochemistry, Gastrointestinal Physiology |
| Izumi Sakurai       | Professor                  | Marine Ecology, Fisheries Breeding Science                       |
| Bashire Sorin Sabau | Professor                  | Bioinformatics, Differential Geometry                            |
| Akira Terao         | Professor                  | Animal Physiology, Sleep Science                                 |
| Hideki Minami       | Professor                  | Marine Science, Geochemistry                                     |
| Masami Ohashi       | Associate Professor        | Coastal Engineering, Fisheries Engineering                       |
| Yuki Kita           | Associate Professor        | Population Genetics, Cetology                                    |
| Dai Suzuki          | Associate Professor        | Herpetology  |
| Shin Matsui         | Associate Professor        | Behavioral Ecology, Ornithology                                  |
| Yuichi Nosaka       | Junior Associate Professor | Bio-oceanology, Floating Physical Science                        |

# Admission Process

## International Admission

### [Application Qualifications]

- (1) International students who are or will be sponsored by a foreign government or Japanese government, or those who are nominated by an institution which has an Academic Exchange Agreement with Tokai University. Those who are nominated by an institution which has an Academic Exchange Agreement with Tokai University are required to have at least 2.8 CGPA (Cumulative Grade Point Average), in principle.
- (2) International students who would like to study at School of Engineering or School of Information and Telecommunication Engineering in Master degree. Or School of Science and Technology, Earth and Environmental Science, Bioscience in Doctor Degree.

### [Documents required for applicants]

1. Resume (CV)
2. Graduate certificate (Bachelor degree)
3. Transcript (Bachelor degree)
4. Research Plan
5. Abstract of your final project or graduation thesis
6. Scholarship certificate (Not necessary if you graduated from our partner universities.)
7. Proof of English Proficiency

### [Process]

Document screening and Matching with the Advisor at Tokai University



If we can find a suitable academic advisor for you, you can apply for the program.



Submit the application form and other required documents by the due date.

(This International Admission becomes the screening your document only)



If you pass this exam, you'll be a student at Tokai University Master's Degree Program

## General Admission

### [Eligibility Screening] >>>important!!!

Those applying under eligibility requirements such as (expected) completion of school education abroad require taking an Eligibility Screening before submitting the application documents.

<For more details, please visit the following URL for your reference>

[https://www.u-tokai.ac.jp/english/admissions/graduate/05\\_d\\_fall.html](https://www.u-tokai.ac.jp/english/admissions/graduate/05_d_fall.html)

### [Documents required for applicants]

- |  |   |
|--|---|
| 1. Resume (CV)   | 2. Graduate certificate (Bachelor degree)                 |
| 2. Transcript (Bachelor degree)                        | 4. Research Plan  |
| 5. Abstract of your final project or graduation thesis | 6. Proof of English (TOEIC or TOEFL or IELTS) or Japanese |

### [Process]

Document screening and Matching with the Advisor at Tokai University



Submit the required documents for Eligibility Screening by the due date.



(If you pass the screening)

Submit the application form and other required documents by the due date.



Take an entrance examination in Japan. (Subjects of Examination depend on the courses. Please check our website)

<https://www.u-tokai.ac.jp/english/admissions/graduate/>



If you pass this exam, you'll be a student at Tokai University Master's Degree Program

## Admission Schedule

## International Admission

| Matching Advisor | Application Period                | Acceptance Announcement | Period of Registration           | Month of Enrollment |
|------------------|-----------------------------------|-------------------------|----------------------------------|---------------------|
| September        | Late October<br>-<br>Mid November | Mid-January             | Mid-January<br>-<br>Late January | April               |
| April            | Early May – Mid May               | Early July              | Early July – Mid July            | September           |

## General Admission

| Eligibility Screening | Matching Advisor | Application Period                | Entrance Exam | Acceptance Announcement | Period of Registration              | Month of Enrollment |
|-----------------------|------------------|-----------------------------------|---------------|-------------------------|-------------------------------------|---------------------|
| May                   | May              | Late May<br>-<br>Early June       | Mid July      | Late July               | Early December<br>-<br>Mid December | April               |
| December              | December         | Early January<br>-<br>Mid-January | Mid-February  | Late February           | Late February<br>-<br>Early March   | April               |
| May                   | May              | Late May<br>-<br>Early June       | Mid July      | Late July               | Late July<br>-<br>Early August      | September           |

**MEMO**

[illegible]





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~Think Ahead, Act for Humanity~



For further information, please contact

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